



 **Panreac**

GENERAL CATALOGUE

Analytical Reagents
& Fine Chemicals

2011 / 2013

Dear reader,

The document you are holding is the result of work performed by the team of professionals of PANREAC. It is the fruit of our team's extensive technical experience combined with the collaboration of our customers, who have offered us their valuable comments and proposals for improvement.

In PANREAC, we have been working and investing for many years with our thoughts focussed on the long term. Only thus can this comprehensive catalogue be kept up to date with the products you need.

Our highly trained workforce, using state of the art technology, is the driving force behind the management of our modern factory, and our principal aim is to guarantee that the PANREAC product range meets the conditions you require.

The fact that PANREAC has recently joined the ITW Group reinforces our Company's industrial character and the path to progress we have continuously forged over the years. This path requires the responsible use of resources and the sustainability of our business activity. It likewise requires the ability to keep on growing as the way to earn and to preserve our status as the leading supplier of laboratory reagents to our customers.

Joan Roget
General Manager
Panreac Química, S.A.U.



Executive Committee

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CUSTOMIZE YOUR CATALOGUE

My contacts in Panreac:

Customer Service

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Tel..... e-mail.....

Sales contact

Name.....

Tel..... e-mail.....

My Panreac distributor

Name.....

Tel..... e-mail.....



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COMPANY

PANREAC QUÍMICA.

A leader at your service

We are manufacturers of reagents for laboratory analysis and chemical products for industrial use by the pharmaceutical, foodstuff, chemical and research and development sectors, hospitals and universities.

Over 70 years' experience in our sector guarantees the service that only a leader can offer as well as the largest range of laboratory reagents and industrial chemicals.

Through our commitment to quality, we aim to satisfy the needs of our customers, whilst safeguarding the health and safety of our employees, respecting the environment and managing and guaranteeing the quality of our processes, services and products.



HISTORY

Panreac was founded in 1941 in Barcelona (Spain) and moved in 1957 to new premises in Montcada i Reixac, by which time it was already the market leader in Spain and expanding its export operations. In 1999, its first subsidiaries were set up in France and Portugal. In 2001, the current 15,000 m² factory was inaugurated in Castellar del Vallès (Barcelona) and in 2004, the main offices were transferred to this site. In 2007, we bought the Italian company Nova Chimica (Milan) and, in 2008, we opened 3,000 m² of new warehouse facilities in Montcada i Reixac, in order to provide a better service to our customers and distributors.

At present Panreac is the market leader for analytical reagents and fine chemicals in Spain and a reference in the South European area, thanks to our customers and our distribution network. The quality of our products is recognised worldwide since we are exporting to more than 80 countries in five continents.

ORGANIZATION AND FACILITIES

Panreac's commercial policy is directed at allowing the end user to get the best service from our products via our distribution network. This means that we are capable of supplying any laboratory in any location around the world.

Our priority is to continue improving the logistics flow and to achieve this we have added a new logistics centre to our modern factory built in 2000. This centre is equipped with the latest applied materials handling technology allowing us to ensure the highest degree of availability for our distributors.



COMPETENCES

We manufacture to our customers' requirements

Our status as a manufacturer with more than 70 years experience allows us to offer our customers the widest range of laboratory reagents and high quality industrial chemical products.

Our experience and knowledge in production, synthesis and purification of thousands of chemical products has allowed us to become specialists in the manufacture of inorganic salts, high purity acids, organic chemical products, high purity solvents plus other products for specific applications, ensuring that our customers meet their required specifications in demanding international markets.

With a maximum quality guarantee

Our Integrated Management System which has been completely implemented throughout every activity in our company is based on the following official standards:

UNE-EN-ISO 14001:2004
for Protection of the Environment

UNE-EN-ISO 9001:2008
for Quality Assurance

OHSAS 18001:2007
for Occupational Health and Safety Management.

Our laboratories monitor compliance with the specifications and with regulations on raw materials and the finished product: they apply general analysis techniques, checking for trace metal impurities, using chromatography to determine solvent purity, detect impurities and pesticide residues, as well as conducting microbiological tests.

▶ PRODUCT INFORMATION

PRODUCT CODE

Our **Product Code** shown in our catalogue in addition to labels, certificates, technical data sheets and safety sheets provide a **unique definition for the substance with a specific quality and a predetermined packaging material.**

XX	YYYY	ZZ	ZZ
Quality 12: PA 13: PA-ACS-ISO 15: PS ...	Substance 1091: Methanol 1881: Acetonitrile 1007: Acetone ...	Packaging Material 16: Glass 12: Plastic 06: Steel ...	Size 03: 1ml/g 04: 5 ml/g 08: 100 ml/g ...

LABEL

Panreac, as a manufacturer of reagents and chemical products, has adapted its labelling system according to the GHS by investing in a new computer programme. This new programme allows printing product names, hazard statements (H phrases), precautionary statements (P phrases) and warning words in up to 7 languages, depending on the size of the label.

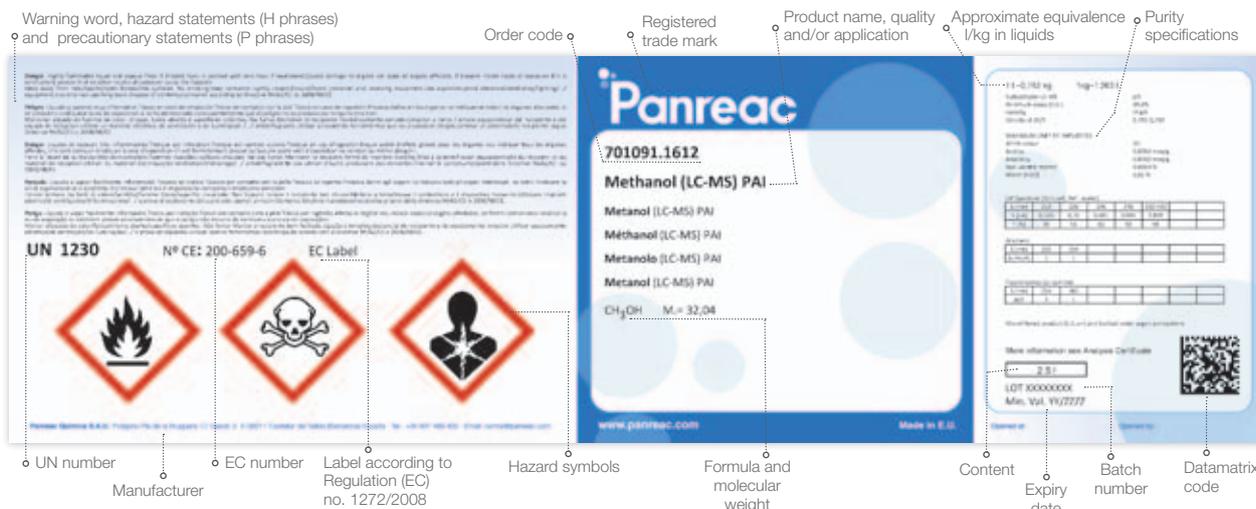
Our labels also include a **Data Matrix code** that, when scanned, allows obtaining much more information about the product than the information that would initially be printed on the label itself. This code is a two-dimensional code system that allows a large amount of information to be stored in a dot matrix. **Panreac is the first chemical company to use such two-dimensional codes.**

DATAMATRIX ECC200 (ERROR CODE CORRECTION) codes are the most robust two-dimensional codes and have the lowest percentage of reading errors. Indeed, thanks to the efficacy of the algorithm used to code data within the symbol, they can still be read when up to 20% of the code is damaged.

In contrast to a standard barcode (for example EAN-128), **the information is coded within a square, thus allowing a large amount of alphanumeric information to be stored. They can be read using optical CMOS readers, which read both linear and two-dimensional codes.** Panreac uses these codes to manage finished products in its warehouses and, using RF terminals, to change internal product locations in the warehouse.

The main advantages of using such codes are as follows:

- They allow more information to be stored in a smaller space (article code, batch number, etc.)
- There are fewer reading errors
- They can be read from any direction (360°)
- They can be read when up to 20% of the code is damaged
- They allow faster reading



PANREAC ONLINE WITH THE GHS STANDARD

On 1 December 2010, Panreac adapted all its labels and safety data sheets to the Globally Harmonized System (GHS) for Classification and Labelling of Chemicals.

The most significant changes to the new labels are:

- **The pictograms have changed:**
The orange pictograms are now white with a red frame
- Risk phrases (R) become Hazard statements (H phrases)
- Safety phrases (S) become Precautionary statements (P phrases)
- Disappearance of the warning word that accompanied the pictogram: **Now the signal word "Warning" or "Danger" before the H and P phrases.**

The Globally Harmonized System (GHS) of Classification and Labelling of Chemicals is intended to **standardize the many classification and labelling systems in use around the world.** The harmonised criteria make it possible to classify chemical

substances according to how dangerous they are and to label them using standardized danger statements and pictograms.

The decision to create the GHS was taken at the United Nations Conference in 1992. After a great deal of technical work agreeing on the harmonized criteria, the GHS was published in 2002. The European Union adapted the GHS to the **new Regulation (EC) no. 1272/2008** (CLP - Classification Labelling and Packaging of Substances and Mixtures), which abolished Directive 67/548/EEC. **Panreac Quimica** has made the **Chemical Laboratories Safety Poster** available to you, with an explanation of the new pictograms. This is an essential tool in all laboratories (**see catalogue front flap**).



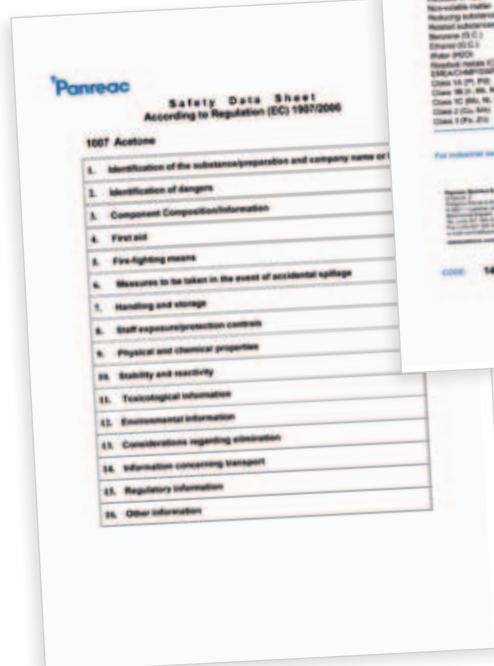
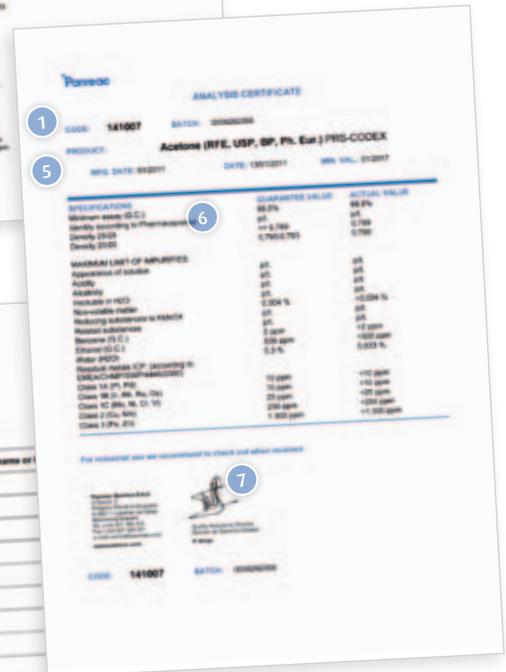
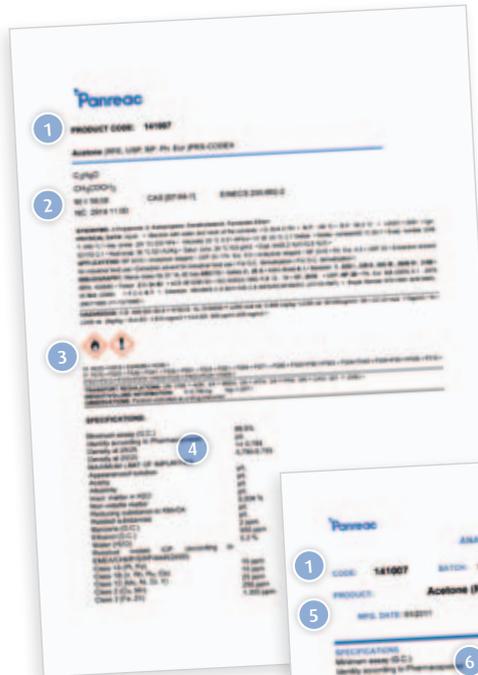
PRODUCT INFORMATION

TECHNICAL DATA SHEET AND CERTIFICATE OF ANALYSIS



The technical data sheets for our products are shown on our website. Here you will also find Panreac's quality certificate and batch number for the product you require.

1. Product Code (quality + substance).
Name of product, quality and standards met
2. General information about the substance.
This physical data, applications and notes are general references stated in the bibliography
3. Information on hazard level
4. Product specifications
5. Batch number, date of manufacture, certificate's date of issue and expiry date information
6. Analysis information, guaranteed value compared with actual value information
7. Recommendations where applicable and sign off by the Technical Department



MATERIAL SAFETY DATA SHEET

Our website also shows the fully updated Material Safety Data Sheets in accordance with current standards indicating the substance and required quality under the following information headers:



CATALOGUE GUIDE

The catalogue contains all information and specifications for each article in our product range so you can place your orders

1. Product name and quality
2. Molecular formula
3. Molecular weight
4. Registry numbers: CAS, EINECS, NC, UN
5. Transport regulations: IMDG, ADR, IATA, PAX, CAO
6. Warning word
7. Hazard pictograms and H phrases
8. Equivalence kg/l
9. Specifications
10. Order code / Package size /
Packaging material / Units per standard box

Acetone dry (max. 0.01% water) DS

CH₃COCH₃

3 M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090

4 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

5 Signal Word: Danger

6 H225-H319-EUH066-H336

7 11-0,789kg 1kg-1,267l

8 SPECIFICATIONS:

9 Minimum assay (G.C.) 99 %

IR p/t IR p/t

Identity 0,787-0,791

Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10 p/t

Insoluble matter in H₂O 0,01 %

Ethanol (G.C.) 0,05 %

Methanol (G.C.) 0,05 %

Mesityl oxide (G.C.) 0,05 %

1-Propanol (G.C.) 0,05 %

2-Propanol (G.C.) 0,0002 %

Reducing substances to KMnO₄ (as O) 0,0003 meq/g

Acidity 0,0005 meq/g

Alkalinity 0,005 %

Aldehydes (as HCHO) 0,005 %

Water (H₂O) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	Sb	0,2
Au	0,05	Hg	0,05	Si	0,2
B	0,02	In	0,1	Sn	0,1
Ba	0,1	K	0,05	Sr	0,2
Be	0,02	Li	0,1	Ti	0,02
Bi	0,05	Mg	0,02	Tl	0,02
Ca	0,5	Mn	0,02	V	0,02
Cd	0,05	Mo	0,02	Zn	0,1
Co	0,02	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		
Cu	0,02	P	0,2		

Order code 481007.1611 Package 1000 ml Units/Box st. 6

Packaging symbols and abbreviations

- Glass bottle
- Glass bottle coated with PE or PVC
- Glass bottle with outer can
- Glass bottle with outer packaging
- Polyethylene bottle
- Polyethylene bottle with outer can
- Polyethylene canister
- Carton drum with inner polyethylene bag
- Carton box with inner polyethylene bag
- Polyethylene bottle with dropper
- Glass tube with stopper and screw top
- Glass or plastic ampoule
- Crimp top vial with septum
- Fluorinated polymer bottle with outer polystyrene box
- Box
- Aluminium bottle

- Aluminium bottle with outer packaging
- Tin-plated can
- Polyethylene drum with inner polyethylene bag
- Steel-plated drum
- Drum with polyethylene lining inside and metal outside
- Polyethylene container with removable tap
- Expanded polystyrene box
- Polypropylene bucket with handle
- Stainless steel drum
- Co-extrusion jerrycan (multilayer)
- Co-extrusion bottle (multilayer)

- ACS** American Chemical Society
- ADR** Classification for carriage by road
- BP** British Pharmacopoeia
- CAO** Instructions for aerial cargo transport
- CAS** Chemicals Abstracts Registry No.
- CE** EC No.
- C.I.** Colour Index No.
- CLP** Classification Labelling and Packaging of Substance and Mixtures
- DAB** Deutsches Arzneibuch
- DAC** Deutscher Arzneimittel-Codex
- EINECS** European Inventory of Existing Chemical Substances No.
- F.C.C.** Food Chemicals Codex
- g** Gram(s)
- GHS** Globally Harmonized System
- IATA** Classification of aerial transport
- IMDG** Classification of sea transport
- ISO** International Organization for Standardization
- JP** Japanese Pharmacopoeia

- kg** Kilogram(s)
- l** Litre(s)
- ml** Millilitre(s)
- NC** Combined Nomenclature
- PAX** Instructions for aerial passenger transport passes test
- p/t** parts per million
- Ph. Eur.** European Pharmacopoeia
- Ph. Fr.** French Pharmacopoeia
- Ph. Helv.** Swiss Pharmacopoeia
- ppm** parts per million
- REACH** Registration, Evaluation, Authorisation and Restriction of Chemical substances
- RFE** Spanish Pharmacopoeia
- UN** UN number for hazardous substances
- USP-NF** The United States Pharmacopoeia - National Formulary
- v/v** volume/volume
- w/w** weight/weight
- w/v** weight/volume

▶ LABORATORY APPLICATION PRODUCTS

From its Spanish origins, **Panreac** is becoming the South European reference Brand in Analytical Reagents for Laboratory use.

▶ Analytical reagents

Reagents especially indicated for **general analytical applications** with guaranteed specifications.

▶ Reagents for metallic traces analysis

Ultra pure reagents for **metallic traces analysis in the environmental, quality control** and research laboratories. Low mercury content reagents.



▶ Reagents and solvents for instrumental analysis

High purity reagents specifically designed to be used in the following **instrumental techniques**:

UV-IR, HPLC (gradient, preparative, isocratic), IR, GPC
 Analysis of pesticide residues
 Derivatization reagents for gas chromatography
 LC-MS
 Nuclear Magnetic Resonance spectroscopy (NMR)

▶ Reagents for volumetric analysis

Ready -to-use **Volumetric solutions** and Concentrated Volumetric solutions.

Reference substances for standardization of titrated solutions.

Indicator solutions.

AQUAMETRIC (pyridine-free Karl Fischer reagents).

Ready-to-use **buffer solutions** and Concentrated buffer solutions.



▶ Reagents and solvents for general applications

Products of a suitable purity to be used as auxiliary reagents.

Chemically pure. Products of controlled purity for general purposes in laboratory and industry.



▶ Products for Microbiology

The wide range of **Cultimed** products is designed to meet practically all the needs of the pharmaceutical, foodstuff, cosmetics and drinking water and wastewater analysis industries.

Dehydrated culture media

Prepared media

Contact plates

Other products for microbiology



▶ Reagents and solvents for specific applications

Special reagents (Pepsin, Kjeldahl catalysts...)

Products for chemistry practices at school.

Clinical diagnosis. Reagents for histological techniques, haematology and microbiology.

Products for biochemistry.

Laboratory glassware cleaning
detergents and disinfectants.

pH indicator papers.

Kits and reagents specifically for analysis of wines.

Electronic grade products



▶ Reagents and solvents for organic synthesis

Dry solvents.

Solvents and reagents for biosynthesis.



▶ Analytical Standards

For AAS and ICP (including standards dissolved in oil), pH, Ion Selective Electrodes, Redox, Conductivity, Ion Chromatography, UV/Vis, Volumetry, Karl Fischer, COD, TOC, TIC, Colour, Turbidity, Wine analysis, Fatty acids, FAME, Aromatic and Aliphatic hydrocarbons.

▶ Packaging

Panreac offers you a wide range of **packages and packing** used for its reagents for analysis and products for fine chemistry.

INDUSTRIAL APPLICATION PRODUCTS

Panreac also manufactures industrial raw materials, mainly for the pharmaceutical and foodstuff industry, where the value added by complying with current legislation is well recognised.

Products for Pharmaceutical Industry

Products and solutions that meet the purity requirements for products to be used in the pharmaceutical industry according to:

European Pharmacopoeia (Ph. Eur.)
United States Pharmacopoeia (USP)
British Pharmacopoeia (BP)

Under request we can produce according to other international pharmacopoeias.

Food industry products

Food additives that meet the purity requirements for products to be used in the food industry according to European directives and Food Chemicals Codex (FCC).

aditio

Organic synthesis

Reagents, solvents and intermediates for organic synthesis

**PANREAC
SINTESIS**

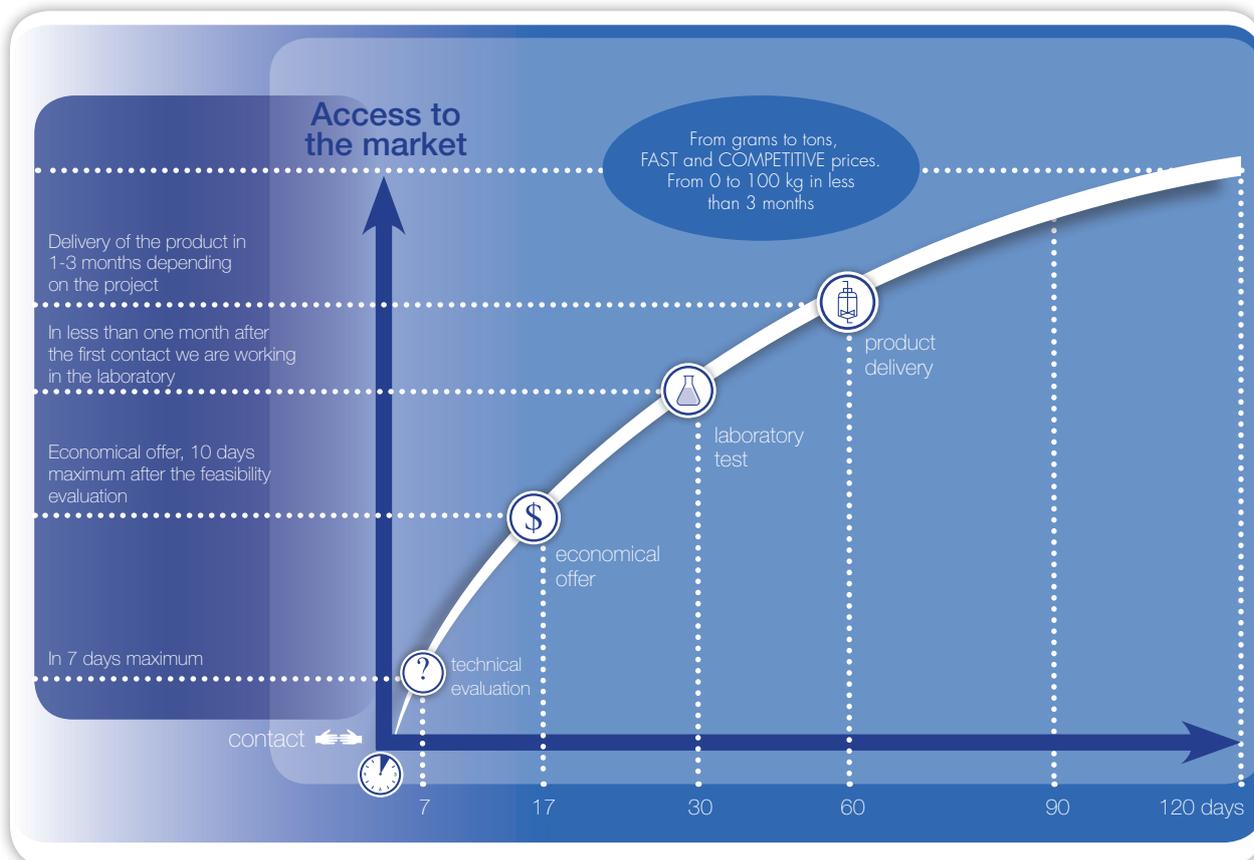


SERVICE & BENEFITS

Our know-how of the process (at lab, pilot plant or industrial scale), a target price and well defined specifications of the product can make this process even faster. Panreac Sintesis, your ideal partner for a quick time to market.

- **Quick reply** and report of your projects by regular contact.
- **One interlocutor** during the whole project.
- **Our Main Target: Customer's Satisfaction.**

Panreac Sintesis always works **CONFIDENTIALLY** and **INDEPENDENTLY** in all its projects.



▶ GENERAL SALES CONDITIONS

1. Previous considerations.

The buyer recognizes and accepts the content of the present general sales conditions, one copy of which they have in their possession, as supply regulators of Panreac Quírmica, S.A.U. (hereafter denominated "Panreac"). Likewise it is understood that the buyer knows and accepts the present general sales conditions as regulating successive orders placed with Panreac.

Any modification to the present conditions will only have validity if so convened in writing and by common agreement between Panreac and the buyer, no clause or general sales condition included by the buyer in their documentation or correspondence being considered valid. In the case that any or several of the stipulations of the present general sales conditions or that any others that modify or substitute them are annulled or become unable to be executed due to legal motives, the validity of the other stipulations will not be affected, and under all circumstances remain in force.

In the case of legal or extra judicial insolvency, declaration of bankruptcy or temporary receivership of the buyer as well as cases of total or partial non-compliance of the agreed terms, Panreac reserves the right to terminate the contract without need for previous notice and with the possibility of claiming the corresponding indemnity for damages and prejudicial consequences.

2. Orders and supplies.

Orders placed with Panreac are not binding unless they contain the following details:

- Complete code, size of the container (according to current tariffs), quantity of product or if applicable, number of units to acquire.
- Order number.
- Product address and delivery system.
- Invoice delivery address.
- Payment conditions agreed and direct bank debit.

On request, Panreac can supply products or qualities in uncatalogued measures, and uncatalogued products or qualities, whenever previously negotiated and agreed on by Panreac.

3. Order acceptance.

Acceptance of the order must necessarily be made expressly and in writing. However, the order will be treated as accepted by Panreac if it proceeds to process the corresponding application. In any case it will be understood that the buyer recognizes and accepts the content of the present general sales conditions with the order fulfilment, likewise declaring that the buyer has been able to revise it with sufficient priority to give their total and complete acceptance. If the buyer does not provide all the information indicated in Condition 2 above and which necessarily must appear on the order, Panreac reserves the right not to accept it and/or ask the buyer for the necessary data for correct processing. In this last case, if in the term of 10 days the additional required information has not been provided, Panreac may accept the order, processing the corresponding order according to available data, or reject it, remaining in both cases exempt of all responsibility. Once the order has been processed and accepted expressly or tacitly according to the indicated terms, this will be absolute and legally binding for buyer and Panreac, respectively.

4. Prices and Payment conditions.

As a general rule, unless otherwise stated, the prices established in the catalogues, website price lists and current offers are net retail prices, including standard containers and packaging. The cost of non-standard containers or packaging will be charged separately. Prices, offers and price lists may vary. They may be subject to modification consequent to costs of raw materials, production process and/or force majeure, and should therefore be considered in any case to be without commitment. All taxes will be chargeable to the Purchaser, in particular Value Added Tax, import and export duties, any charges or rates applicable to the sale, despatch and entry of Products, and Special Taxes, and likewise any costs or charges unless expressly accepted by Panreac pursuant to these Terms.

Panreac and the Purchaser will agree the payment terms for each order. Products will be payable in advance before shipment, except in case of special arrangement.

5. Delivery.

The products are made available to the buyer in the Panreac warehouses, at which time they are deemed delivered to all the effects and purposes.

Export shipments are made from Barcelona according to Incoterms 2010, except when this is not possible due to causes outside Panreac's control. Deliveries are made freight forward by the means the buyer indicates. If no means has been specified, Panreac can choose the system or means of transport it considers the most ideal.

If freight is paid by Panreac, it may use the transport company of its choice. Panreac will not be held responsible for delays due to processing prescribed export licences or for restrictions to export, whatever its cause or origin. The products that obligatorily require license or export control or that are subject to voluntary controls will be identified as such in the catalogues. In any case, the buyer will be responsible for obtaining licences, permission, etc. necessary for product export and import, exempting Panreac of all duties along with any responsibility whatsoever where the corresponding licenses, permission, etc. cannot be obtained.

6. Domain reserve.

Panreac reserves the vested property of the products delivered to the buyer while the latter has not credited the entirety of the amount of the corresponding invoice.

Where the buyer has proceeded to resell or alter the products with respect to Panreac attempting to exercise their right of domain reserve through payment pending, Panreac may freely seize other goods used by the same buyer up to the corresponding amount owing in payment.

7. Insurance.

In freight forward deliveries within Spanish territory, insurance must be contracted and is charged to the buyer. In deliveries to other countries, the buyer must take out insurance, except where expressly requesting Panreac in writing to include insurance in the invoice according to sale conditions agreed in each order as per Incoterms 2010.

8. Containers and Packaging.

The containers and packaging used by Panreac are the most adequate for each product, complying in each case with current legislation, including dangerous goods transport homologation. However, it is the responsibility of the buyer to check whether the containers comply to local product storage conditions along with any another local regulations with the object of ensuring their compliance to which Panreac is committed. If different, the buyer will expressly inform Panreac in the order, exonerating Panreac from this moment and until then of any responsibility for the said concept where the buyer makes no specific mention. Panreac agrees to inform the carrier on the fragility and/or dangerous nature of the goods delivered, both through documentation and through delivery and packaging labels. The buyer, on their side, is responsible for inspecting the boxes on reception before sealing them with the conformity of the transport agency.

9. Inspected products.

- Ethanol: EC Regulations on special taxes 92/12/EEC - 92/83/EEC - 92/84/EEC. Spanish Law 38/1992-40/1995, Royal Decree R.D. 1165/1995, Regulation on special taxes.
- Psychotropics: International Convention on Psychotropic Substances, Viena 21.02.71. Spanish Royal Decree R.D. 2829/1977 on Regulation of Psychotropic Products.
- Discouraging the diversion of certain substances to the illicit manufacture of precursor drugs and psychotropic substances: EC 273/2004, 111/2005 and 1277/2005. Spanish Law 3/1996, R.D. 865/1997 and 293/2004.
- Ionizers: Directive 96/29/EURATOM, Spanish Legislation R.D. 783/2001 on Health Protection against Ionizing Radiations.
- Dual Use Substances: EC Regulations 1334/2000, 1504/2004 and 394/2006. Spanish Legislation R.D. 1782/2004.
- Export and import of dangerous chemicals: EC Regulation 689/2008.

- Substances that Deplete the Ozone Layer: EC Regulation 2037/2000.

Note: All these dispositions are for Spain and/or the EC, please consult modifications, corrections and/or extensions. We recommend to consult the equivalent regulations in purchaser's country.

10. Returns and Claims.

The buyer is obliged to check that the products supplied conform to the contracted characteristics and are adequate to the aims to which they will be applied. The products are considered accepted and agreed upon by the buyer regarding quality and quantity except when, within a thirty-day maximum term from reception, the buyer notifies in writing of their non-acceptance, indicating the cause.

Panreac will not accept product returns except when:

- i) The products justifiably do not correspond to the characteristics contracted.

In this case, in addition to the justification and technical argument, the buyer must indicate the manufacturing batch number that appears on the label and must send Panreac one of the sealed containers from the same box together with the claim object.

- ii) The return is previously agreed in writing with the buyer, specifying those aspects regarding number of units, price payable, demerit for reconditioning and all other details considered necessary. In this case, freight will always be at the buyer's expense.

Once the products object of return have been studied and checked by Panreac, the latter will remit a detailed technical answer to the buyer, accepting or rejecting the claim presented. If accepting it, the products will be replaced. If not, the parties agree to subject the question to the official competent body in the materia, chosen by Panreac to carry out an alternative analysis and/or act as mediator. The parts agree that this resolution is of a binding nature, obligating compliance. The costs will be paid by the party whose claim has not been accepted. In the case of partial acceptance, the costs are split equally.

Containers and packaging may not be an object of return in any case.

11. Use-Responsibilities.

Panreac guarantees that their products are manufactured for analytical, scientific, didactic and industrial uses and always by qualified technicians in accordance with the uses to which they are destined. The purity specifications of the products can be modified without previous warning to the buyer. The specifications appearing on the container labels and/or certificates of analysis are binding for both parties.

Panreac is not responsible for inadequate or negligent use of the products by the buyer (including non-observance of the recommendations included in these conditions) nor of the non-observance of the safety instructions printed on each label and material safety data sheet (MSDS), along with the placing of the products within reach of children or minors. For applications not strictly within analytic laboratories, Panreac expressly recommends that they are consulted in each case to advise on the most ideal quality to this end, and decline all responsibility in the case of this recommendation not being followed.

Panreac is not responsible for damage that can be caused during transport and unloading of products.

According to the Spanish Law 31/95 of Occupational Hazard Prevention and their regulations or the equivalent in each country of destination, the buyer must evaluate, instruct and inform their employees about the identified risks on the handling of chemical products, and provide the collective or individual and adequate protection equipments and establish the necessary patterns on carefulness of health indicated for each case.

12. Recommendations.

Panreac recommends that the buyer consult the maximum impurity limit, the analysis type and any other specification appearing on the product labels and/or certificates of analysis and, if possible, confirm data fundamental for the use to which the product is destined, so that, without prejudice to catalogue indications or price lists, the buyer must verify for themselves whether the products are adequate and answer the needs of the buyer in each case.

The technical data sheets, certificates of analysis and material safety data sheets (MSDS) are available at www.panrea.com.

Panreac recommends that the buyer consult the legislation applicable at all times on material handling, storage and dangerous goods transport, along with incompatibilities between products that can react violently together.

In this area, the current regulations are:

- Spanish Law - Royal Decree 379/2001 (Ministry of Sciences and Technology) on chemical product storage.
- European Agreement on the International Transport of Dangerous Goods by Road/Rail (ADR/RID).
- International Maritime Code on Dangerous Goods (IMDG).
- Regulations on Dangerous Goods by the International Air Transport Association (IATA).
- EC Regulation 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation EEC 793/93 and Commission Regulation EC 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Note: All these dispositions are for Spain and/or the EC, please consult modifications, corrections and/or extensions. We recommend to consult the equivalent regulations in purchaser's country.

Panreac will answer all queries referring to the questions related to the current legislation with the object that the buyer has all necessary information and/or documentation available for correct product use. Panreac can also indicate the manner to obtain the entire texts of the regulations in question.

13. Force Majeure.

Panreac will in no case be responsible for delay in product delivery when this is caused by Force Majeure or when the delay is not imputable solely to Panreac. In purely informative terms, Force Majeure is considered to be fires, explosions, lightning, sudden incapacity to obtain raw materials, manpower, etc.

14. Litigation.

In cases of litigation on the compliance of specifications and quality characteristics, the regulations and verification methods of Panreac will prevail. For the resolution of any legal question derived from the present general sales conditions, the parties will submit to the Courts of the city of Barcelona (Spain), with express waiver to any other jurisdiction that might correspond to them. The applicable legislation will be Spanish legislation with express exclusion of any another that could be applied.

▶ NEW PRODUCTS ADDED

REAGENTS		
CODE	DESCRIPTION	PACKAGE
126946	Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA	1000 ml
766878	Boron standard dissolved in ammonia solution 1% B=1000+-5 ug/g ICP	100 ml
125535	Bromine Index AMDS solution PA	1000 ml
786916	Cesium standard solution Cs=1,000+-0,002 g/l IC	500 ml
786918	Cobalt standard solution Co=1,000+-0,002 g/l IC	500 ml
396882	Conductivity Standard 84 uS/cm (25°C) RS	12x20 ml
396882	Conductivity Standard 84 uS/cm (25°C) RS	250 ml
396881	Conductivity Standard 147 uS/cm (25°C) RS	12x20 ml
396881	Conductivity Standard 147 uS/cm (25°C) RS	250 ml
786919	Copper standard solution Cu=1,000+-0,002 g/l IC	500 ml
141811	mono-Chloroacetic Acid PRS	1000 g
786921	Chromium(III) standard solution Cr=1,000+-0,002 g/l IC	500 ml
786920	Chromium(VI) standard solution Cr=1,000+-0,002 g/l IC	500 ml
192372	Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX	25 l
214632	Embalming Mixture QP	5 l
214632	Embalming Mixture QP	25 l
256879	Eosin Yellowish alcoholic solution 1% DC	500 ml
176457	Formol Absorbent RE	500 g
176457	Formol Absorbent RE	1000 g
256462	Histofix ® Preservative ready to use DC	45x10 ml
256462	Histofix ® Preservative ready to use DC	44x20 ml
256462	Histofix ® Preservative ready to use DC	45x30 ml
256462	Histofix ® Preservative ready to use DC	45x40 ml
256462	Histofix ® Preservative ready to use DC	24x75 ml
256700	Histofix ® Spray fixative DC	6 x 100 ml
716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	500 ml
786934	Iodide standard solution I=1,000+-0,002 g/l IC	500 ml
786925	Iron standard solution Fe=1,000+-0,002 g/l IC	500 ml
396883	Karl Fischer Water Standard 5,0 mg/g RS	10x10 ml
786931	Lead standard solution Pb=1,000+-0,002 g/l IC	500 ml
353710	Linoleic Acid CG	1 ml
352761	Methyl Laurate CG	1 ml
786937	Multielement standard solution, anionic III IC	100 ml
786937	Multielement standard solution, anionic III IC	500 ml
786938	Multielement standard solution, anionic IV IC	100 ml
786938	Multielement standard solution, anionic IV IC	500 ml
786939	Multielement standard solution, anionic V IC	100 ml
786939	Multielement standard solution, anionic V IC	500 ml
786941	Multielement standard solution, cationic II IC	100 ml
786941	Multielement standard solution, cationic II IC	500 ml
786942	Multielement standard solution, cationic III IC	100 ml
786942	Multielement standard solution, cationic III IC	500 ml
786943	Multielement standard solution, cationic IV IC	100 ml
786943	Multielement standard solution, cationic IV IC	500 ml
786927	Nickel standard solution Ni=1,000+-0,002 g/l IC	500 ml
786928	Nitrogen (N-NO ₂ -) standard solution N=1,000+-0,002 g/l IC	500 ml
786929	Nitrogen (N-NO ₃ -) standard solution N=1,000+-0,002 g/l IC	500 ml
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	5 l
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	25 l
256876	Paraffin Cleaner DC	6x100 ml
256876	Paraffin Cleaner DC	15x100 ml
786922	Phosphorus standard solution P=1,000+-0,002 g/l IC	500 ml
191486	Potassium Hydrogen Tartrate (USP) CODEX	25 kg
786932	Rubidium standard solution Rb=1,000+-0,002 g/l IC	500 ml

REAGENTS		
CODE	DESCRIPTION	PACKAGE
176448	Silica Gel 60, 40-63 microns RE	1000 g
176448	Silica Gel 60, 40-63 microns RE	5 kg
176448	Silica Gel 60, 40-63 microns RE	25 kg
786930	Silver standard solution Ag=1,000±0,002 g/l IC	500 ml
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	1000 g
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	5 kg
196454	Sodium Caprylate (Ph. Eur., BP) CODEX	25 kg
191716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX	5 kg
191716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX	25 kg
152777	Sulphuric Acid fuming ~20% SO ₃ PS	1000 ml
396900	TIC Standard (50 mg/l) RS	1000 ml
396901	TIC Standard (100 mg/l) RS	1000 ml
396902	TIC Standard (500 mg/l) RS	1000 ml
396903	TIC Standard (1000 mg/l) RS	1000 ml
396904	TIC Standard (10000 mg/l) RS	1000 ml
396905	TOC Standard (50 mg/l) RS	1000 ml
396906	TOC Standard (100 mg/l) RS	1000 ml
396907	TOC Standard (500 mg/l) RS	1000 ml
396908	TOC Standard (1000 mg/l) RS	1000 ml
396909	TOC Standard (10000 mg/l) RS	1000 ml
131752	Uranyl Acetate 2-hydrate PA-ACS	25 g
131753	Uranyl Nitrate 6-hydrate PA-ACS	25 g



CULTIMED		
CODE	DESCRIPTION	PACKAGE
AFW-045MC	Analytical Funnel, sterilized, individually packed, 47 mm, 0.45 microns CULTIMED	50 units
446910	CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55 mm)) CULTIMED	30 dishes
416911	Cefoxitine, Supplement (Additive) CULTIMED	10 vials
456109	E.coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416445	Indole Sticks CULTIMED	pack
415379	Lethen Agar (modified) (Dehydrated Culture Media) CULTIMED	500 g
415382	Lethen Broth (modified) (Dehydrated Culture Media) CULTIMED	500 g
416893	Lipase C, Supplement (Additive) CULTIMED	10 vials
416891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED	500 g
456891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416894	Listeria Selective Chromogenic Supplement (Additive) CULTIMED	10 vials
466885	M-Cetrimide (3 ml ampoules) CULTIMED	50 x 3 ml
466890	M-Endo (3 ml ampoules) CULTIMED	50 x 3 ml
466888	M-FC (3 ml ampoules) CULTIMED	50 x 3 ml
466889	M-Green (3 ml ampoules) CULTIMED	50 x 3 ml
416895	Minerals (modified) Glutamated Broth (MMGB) (ISO 16649-3) (Dehydrated Culture Media) CULTIMED	500 g
466887	M-TGE (3 ml ampoules) CULTIMED	50 x 3 ml
466886	M-WLD (3 ml ampoules) CULTIMED	50 x 3 ml
416444	Oxidase Sticks CULTIMED	50 sticks
456110	Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
456892	Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
416892	Staphylococcus Chromogenic Agar Base (Dehydrated Culture Media) CULTIMED	525 g
456220	TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	10 dishes
465576	TSC, Agar (UNE-EN 13401) (Prepared tubes) CULTIMED	20 tubes

▶ NEW PACKAGING SIZES ADDED

REAGENTS		
CODE	DESCRIPTION	PACKAGE
394659.0922	Conductivity Standard 1413 uS/cm (25°C) RS	12x20 ml
394657.0922	Conductivity Standard 5446 uS/cm (25°C) RS	12x20 ml
394658.0922	Conductivity Standard 12,88 mS/cm (25°C) RS	12x20 ml
161345.1612	Heptane, alkanes mixture PS	2,5 l
161345.0616	Heptane, alkanes mixture PS	25 l
875599.1611	Hexamethyldisilazane (VLSI) EG	1000 ml
256462.0943	Histofix ® Preservative ready to use DC	16x125 ml
256462.0944	Histofix ® Preservative ready to use DC	12x200 ml
256462.09149	Histofix ® Preservative ready to use DC	10x600 ml
256462.09118	Histofix ® Preservative ready to use DC	1,5 l
256462.0931	Histofix ® Preservative ready to use DC	3 l
256462.0914	Histofix ® Preservative ready to use DC	5 l
381020.1210	Hydrochloric Acid 37% (TMA) ANALPUR	500 ml
866323.1212	Hydrogen Peroxide 30% w/w (MOS) EG	2,5 l
326165.1612	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	2,5 l
122353.1606	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	25 g
174275.0914	Silica Gel 60, 63-200 microns RE	5 kg
174275.0416	Silica Gel 60, 63-200 microns RE	25 kg



CULTIMED		
CODE	DESCRIPTION	PACKAGE
493795.0981	Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED	3 x 3 l

▶ PRODUCTS WHICH HAVE CHANGED NAME, QUALITY OR CODE

REAGENTS			
BEFORE		NOW	
CODE	DESCRIPTION	CODE	DESCRIPTION
191959	Alkylbenzylidimethylammonium Chloride (USP) CODEX	191959	Alkylbenzylidimethylammonium Chloride (USP-NF) CODEX
15A894	n-Butyl Nitrite, 97% stabilized with ~0,5% of sodium carbonate anhydrous PS	15A894	n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS
745876	Caps for NMR tubes PAI	745876	Black caps for NMR tubes PAI
151290	Di-Isobutylketone, 98% PS	151290	Di-Isobutylketone PS
15A446	1-Hydroxybenzotriazole hydrate, 98% PS	15A446	1-Hydroxybenzotriazole moistened with ~33% of H ₂ O PS
473255	Nitric Acid 65% (max. 0,0000005% Hg) PA-ISO	473255	Nitric Acid 65% (max. 0,0000005% Hg) PA
142786	Octanoic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	142786	Octanoic Acid PRS
141323	Phenol 90% aqueous solution PRS	141323	Phenol 90% aqueous solution (USP) PRS-CODEX
202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii) ADITIO	202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO
206401	Potassium Nitrate with anticaking (E-252, F.C.C.) ADITIO	206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO
141545	1,2-Propanediol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	141545	1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX
345268	Reference Standard for Oenology (Red Wine) CRS	345268	Certified Control Material for Oenological analysis (Red Wine) CRS
345271	Reference Standard for Oenology (White Wine) CRS	345271	Certified Control Material for Oenological analysis (White Wine) CRS
171659	Sodium Chloride ASTM B117-07 RE	171659	Sodium Chloride ASTM B117-09 RE
175305	Sodium Chloride solution ASTM B117-07 RE	175305	Sodium Chloride solution ASTM B117-09 RE
141929	Sodium Hydroxide pearls (USP, BP, Ph. Eur.) PRS-CODEX	141929	Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) PRS-CODEX
203307	Sodium Lactate solution 50% w/w (E-325, F.C.C.) ADITIO	203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO
141716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	141716	Sodium Sulphate anhydrous PRS
131066	L(+)-Tartaric Acid PA-ACS-ISO	131066	L(+)-Tartaric Acid PA-ACS
164527	2,2,2-Trifluoroethanol, 99% PS	164527	2,2,2-Trifluoroethanol PS
256065	Vitrosec® 100 dehydrating solvent for pathological anatomy DC	256065	Vitrosec® dehydrating DC
256065.2711	Vitrosec® 100 dehydrating solvent for pathological anatomy DC	256065.1211	Vitrosec® dehydrating DC
141788	Zinc Sulphate 1-hydrate (USP) PRS-CODEX	141788	Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP) PRS-CODEX

▶ PRODUCTS WHICH HAVE CHANGED NAME, QUALITY OR CODE



CULTIMED			
BEFORE		NOW	
CODE	DESCRIPTION	CODE	DESCRIPTION
433744	Baird-Parker Agar (Ph. Eur.) (Contact Plate) CULTIMED	433744	Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED
493744	Baird-Parker Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	493744	Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED
453744	Baird-Parker Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	453744	Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED
413744	Baird-Parker Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413744	Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED
414654	Bile Tetrathionate-Brilliant Green Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	414654	Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED
413823	Brilliant Green Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413823	Brilliant Green Agar (Dehydrated Culture Media) CULTIMED
414944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Dehydrated Culture Media) CULTIMED	414944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
494944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Prepared Bottles) CULTIMED	494944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Bottles) CULTIMED
464944	Buffered Sodium Chloride-Peptone solution (BP, Ph. Eur.) (Prepared Tubes) CULTIMED	464944	Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Tubes) CULTIMED
413755	Desoxycholate Citrate Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413755	Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED
413776	Lactosed Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413776	Lactosed Broth (Dehydrated Culture Media) CULTIMED
495382	Lethen Broth (Prepared Bottles) CULTIMED	495382	Lethen Broth (modified) (Prepared Bottles) CULTIMED
465382	Lethen Broth (Prepared Tubes) CULTIMED	465382	Lethen Broth (modified) (Prepared Tubes) CULTIMED
433783	Mannitol Salt Agar (Contact Plate) CULTIMED	433783	Mannitol Salt Agar (Ph. Eur.) (Contact Plate) CULTIMED
413783	Mannitol Salt Agar (Dehydrated Culture Media) CULTIMED	413783	Mannitol Salt Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
453783	Mannitol Salt Agar (Prepared Plate (Ø 90 mm)) CULTIMED	453783	Mannitol Salt Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED
495425	Peptone Water with neutralizing agents (Prepared Bottles) CULTIMED	495425	Peptone Water with neutralizing agents (Ph. Eur.) (Prepared Bottles) CULTIMED
413758	Potato Glucose Agar (Dehydrated Culture Media) CULTIMED	413758	Potato Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
414959	Rappaport-Vassiliadis (RVS) Broth (Dehydrated Culture Media) CULTIMED	414959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED
464959	Rappaport-Vassiliadis (RVS) Broth (Prepared Tubes) CULTIMED	464959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED
413804	Sabouraud Liquid Medium (Dehydrated Culture Media) CULTIMED	413804	Glucose Sabouraud Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
496265	Saline Peptone Water (NF ISO 6579:1990) (Prepared Bottles) CULTIMED	496265	Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED
453812	Slanetz Bartley Medium (Prepared Plate (Ø 90 mm)) CULTIMED	453812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED
454955	Tergitol 7 Agar (Chapman TTC modified) (Prepared Plate (Ø 90 mm)) CULTIMED	454955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED
413815	Thioglycollate (USP), Liquid Medium (Dehydrated Culture Media) CULTIMED	413815	Thioglycollate, Liquid Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED
413771	Triple Sugar Iron Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	413771	Triple Sugar Iron Agar (Dehydrated Culture Media) CULTIMED
463771	Triple Sugar Iron Agar (Ph. Eur.) (Prepared Tubes) CULTIMED	463771	Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED
435095	TSA-Tween-Lecithin-Agar (Contact Plate) CULTIMED	435095	TSA-Tween-Lecithin-Agar (Ph. Eur.) (Contact Plate) CULTIMED
455095	TSA-Tween-Lecithin-Agar (Prepared Plate (Ø 90 mm)) CULTIMED	455095	TSA-Tween-Lecithin-Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED
495576	TSC Agar (Prepared Bottles) CULTIMED	495576	TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED
445576	TSC Agar (Prepared Plate (Ø 55 mm)) CULTIMED	445576	TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED
415576	TSC Agar Base (Dehydrated Culture Media) CULTIMED	415576	TSC Agar Base (UNE-EN 13401) (Dehydrated Culture Media) CULTIMED
413746	Violet Red Bile Lactose Agar (VRBL) (Dehydrated Culture Media) CULTIMED	413746	Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED
416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED

Panreac

Responsibility
towards customers,
environment, employees
and society



PANREAC REAGENTS

Panreac

ACAC

(see 2,4-Pentanedione)

Acacia

(see Arabic Gum)

ACES

(see N-(2-Acetamido) 2-Aminoethanesulphonic Acid)

Acetaldehyde, 99% PS

C₂H₄O

M: 44,05 CAS: 75-07-0 EINECS: 200-836-8 NC: 2912 12 00 UN: 1089

IMDG: 3/1 ADR: 3/1 IATA: 3/1 PAX: P CAO: 304

Signal Word: Danger



H224-H319-H335-H351

1l~0,780kg 1kg~1,282l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 16/4 0,786-0,790

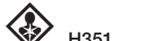
Order code	Package	Units/Box st.
15A656.1609	250 ml	6
15A656.1611	1000 ml	6

Acetamide PA

C₂H₅NO

M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00

Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Melting range 79-81°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Insoluble matter in C₂H₅OH p/t
 Residue on ignition (as SO₄) 0,01 %
 Acidity (as CH₃COOH) 0,05 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,002 %
 Cu 0,0005 %
 Fe 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
121004.1210	500 g	6
121004.0914	5 kg	6

Acetamide PRS

C₂H₅NO

M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00

Signal Word: Warning



H351

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t
 Melting range 78-81°C
 Insoluble matter in H₂O 0,025 %
 Acidity (as CH₃COOH) 0,1 %
 Water (H₂O) 0,5 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141004.1210	500 g	6
141004.1211	1000 g	6
141004.0914	5 kg	6

Acetamide, 99% PS

C₂H₅NO

M: 59,07 CAS: 60-35-5 EINECS: 200-473-5 NC: 2924 19 00

Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Melting range 79-81°C

Order code	Package	Units/Box st.
151004.1208	100 g	6
151004.1210	500 g	6

Acetamidine Hydrochloride

(see Acetamidinium Chloride)

Acetamidinium Chloride, 98% PS

CH₃C(=NH)NH₂ · HCl

M: 94,54 CAS: 124-42-5 EINECS: 204-700-9 NC: 2925 19 95

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B668.1208	100 g	6

L-α-Acetamido-β-Mercaptopropionic Acid

(see N-Acetyl-L-Cysteine)

Acetanilide (Reag. USP) PA

C₈H₉NO

M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Melting range 114-116°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t
 Loss on drying 0,5 %
 Residue on ignition (as SO₄) 0,05 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
121005.1209	250 g	6
121005.0914	5 kg	6

Acetanilide PRS

C₈H₉NO

M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t
 Melting range 113-116°C
 Insoluble matter in C₂H₅OH p/t
 Loss on drying 0,8 %
 Residue on ignition (as SO₄) 0,2 %

Order code	Package	Units/Box st.
141005.1210	500 g	6
141005.1211	1000 g	6
141005.0914	5 kg	6
141005.0416	25 kg	6

Acetanilide, 99% PS

C₈H₉NO
 M: 135,17 CAS: 103-84-4 EINECS: 203-150-7 NC: 2924 29 95
 Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 113-116°C

Order code	Package	Units/Box st.
151005.1208	100 g	6
151005.1210	500 g	6

Acetic Acid glacial (TMA) HIPERPUR-PLUS

CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Minimum assay 99 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag 50	Hf 10	Sb 50
Al 50	Ho 1	Sc 10
As 50	In 1	Sm 1
Ba 10	K 50	Sn 50
Be 10	La 1	Sr 10
Bi 10	Li 10	Tb 1
Ca 50	Lu 10	Te 1
Cd 10	Mg 50	Th 1
Ce 10	Mn 10	Ti 10
Co 10	Mo 10	Tl 10
Cr 10	Na 100	Tm 1
Cs 10	Nd 1	U 1
Cu 10	Ni 50	V 10
Dy 1	Pb 10	W 10
Er 1	Pr 1	Y 1
Eu 1	Pt 50	Yb 1
Fe 50	Rb 10	Zn 50
Ga 10	Re 10	Zr 10
Gd 1	Rh 50	
Ge 10	Ru 50	

Analysis Type

Ag 50	Hf 10	Sb 10
Al 20	Ho 0,1	Sc 1
As 20	In 1	Se 50
Ba 20	K 30	Sm 0,1
Be 5	La 0,1	Sn 10
Bi 1	Li 1	Sr 1
Ca 50	Lu 0,1	Tb 0,1
Cd 1	Mg 10	Te 1
Ce 0,1	Mn 1	Th 0,1
Co 1	Mo 10	Ti 10
Cr 10	Na 50	Tl 0,1
Cs 0,1	Nd 0,1	Tm 0,1
Cu 5	Ni 10	U 0,1
Dy 0,1	Pb 2	V 1
Er 0,1	Pr 0,1	W 10
Eu 0,1	Pt 50	Y 1
Fe 20	Rb 1	Yb 0,1
Ga 1	Re 0,1	Zn 20
Gd 0,1	Rh 20	Zr 10
Ge 1	Ru 20	

Order code	Package	Units/Box st.
711008.0009	250 ml	6

Acetic Acid glacial (TMA) HIPERPUR

CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Minimum assay 99 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Reducing substances to K₂Cr₂O₇ p/t.
 Reducing substances to KMnO₄ p/t.
 Chloride (Cl) 0,0001 %
 Phosphate (PO₄) 0,0001 %
 Sulphate (SO₄) 0,00005 %

Metals by ICP (ppb)

Ag 1	Hf 0,1	Ru 0,5
Al 1	Hg 1	Sb 0,5
As 0,5	Ho 0,1	Sc 0,1
Ba 0,5	In 0,1	Se 1
Be 0,1	K 1	Sm 0,1
Bi 0,1	La 0,1	Sn 0,5
Ca 1	Li 0,1	Sr 0,5
Cd 0,5	Lu 0,1	Tb 0,1
Ce 0,1	Mg 0,5	Te 0,5
Co 0,1	Mn 0,5	Th 0,1
Cr 1	Mo 0,5	Ti 0,5
Cs 0,1	Na 1	Tl 0,1
Cu 0,5	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,5	U 0,1
Er 0,1	Pb 0,1	V 0,5
Eu 0,1	Pr 0,1	W 0,5
Fe 1	Pt 0,5	Y 0,1
Ga 0,1	Rb 0,1	Yb 0,1
Gd 0,1	Re 0,1	Zn 1
Ge 0,5	Rh 0,5	Zr 0,1

Analysis Type

Ag 0,1	Hf 0,1	Ru 0,1
Al 0,5	Hg 0,1	Sb 0,1
As 0,1	Ho 0,1	Sc 0,1
Ba 0,1	In 0,1	Se 0,5
Be 0,1	K 0,5	Sm 0,1
Bi 0,1	La 0,1	Sn 0,1
Ca 1	Li 0,1	Sr 0,1
Cd 0,1	Lu 0,1	Tb 0,1
Ce 0,1	Mg 0,2	Te 0,1
Co 0,1	Mn 0,1	Th 0,1
Cr 0,1	Mo 0,1	Ti 0,1
Cs 0,1	Na 1	Tl 0,1
Cu 0,2	Nd 0,1	Tm 0,1
Dy 0,1	Ni 0,1	U 0,1
Er 0,1	Pb 0,1	V 0,1
Eu 0,1	Pr 0,1	W 0,1
Fe 0,5	Pt 0,1	Y 0,1
Ga 0,1	Rb 0,1	Yb 0,1
Gd 0,1	Re 0,1	Zn 0,5
Ge 0,1	Rh 0,1	Zr 0,1

Order code	Package	Units/Box st.
721008.0010	500 ml	6
721008.0011	1000 ml	6
721008.0012	2,5 l	4

Acetic Acid glacial (HPLC) PAI

CH₃COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Water (H₂O) 0,1 %
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	253 (Cut off)	254	280	300-450
A (AU)	1,000	0,602	0,022	0,009
T (%)	10	25	95	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 6,0

Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361008.1611	1000 ml	6
361008.1612	2,5 l	4

Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO

CH₃COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
Density at 20/20 1,050-1,052
Freezing point >16,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t.
Non-volatile matter 0,001 %
Residue on ignition (as SO₄) 0,0005 %
Reducing substances to K₂Cr₂O₇ p/t.
Reducing substances to KMnO₄ p/t.
Alkalinity 0,0004 meq/g
Peroxides (H₂O₂) 0,0002 %
Acetaldehyde (CH₃CHO) 0,0002 %
Water (H₂O) 0,2 %
Acetic anhydride [(CH₃CO)₂O] (G.C.) 0,01 %
Chloride (Cl) 0,00004 %
Formate (HCOO) 0,01 %
Nitrate (NO₃) 0,0001 %
Phosphate (PO₄) 0,00004 %
Sulphate (SO₄) 0,0001 %
Heavy metals (as Pb) 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,01	Cu 0,01	Ni 0,05
Al 0,05	Fe 0,1	Pb 0,5
As 0,5	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,1	In 0,05	Sn 0,05
Be 0,01	K 0,1	Sr 0,05
Bi 0,05	Li 0,01	Ti 0,05
Ca 0,5	Mg 0,1	Tl 0,02
Cd 0,01	Mn 0,01	V 0,02
Co 0,01	Mo 0,02	Zn 0,05
Cr 0,02	Na 0,5	Zr 0,05

Order code Package Units/Box st.

131008.1611	1000 ml	6
131008.1211	1000 ml	6
131008.1612	2,5 l	4
131008.1212	2,5 l	4
131008.1214	5 l	4
131008.0716	25 l	4
131008.0718	60 l	4
131008.0719	200 l	4

Acetic Acid glacial (RFE, USP, BP, Ph. Eur.)

PRR-CODEX

CH₃COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Assay (Acidim.) 99,5-100,5%
Identity according to Pharmacopoeias p/t.
Freezing point >15,6°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of the substance p/t.
Insoluble matter in H₂O p/t.
Non-volatile matter 0,005 %
Residual solvents (Ph.Eur./USP) p/t.
Easily oxidizable substances p/t.
Reducing substances p/t.
Aldehydes (as CH₃CHO) 0,05 %
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Fe 0,0005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code Package Units/Box st.

141008.1611	1000 ml	6
141008.1211	1000 ml	6
141008.1612	2,5 l	4
141008.1212	2,5 l	4
141008.1214	5 l	4
141008.0716	25 l	4
141008.0718	60 l	4
141008.0719	200 l	4

Acetic Acid glacial (E-260, F.C.C.) ADITIO

CH₃COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Assay (as C₂H₄O₂) by weight 99,8-100,5%
Arsenic (as As), not more than 1 ppm
Non-volatile Residue, not more than 0,005 %
Easily Oxidizable substances p/t.
Solidification Point, not lower than 15,6°C
Formic Acid, Formates and other oxidizable substances (as Formic Acid), not more than 0,1 %
Lead, not more than 0,5 ppm
Heavy metals (as Pb), not more than 10 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code Package Units/Box st.

201008.1214	5 l	4
201008.0716	25 l	4

Acetic Acid glacial, 99,5% PS

CH₃COOH

M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H314

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Density at 20/4 1,048-1,050
Non-volatile matter 0,001 %
Water (H₂O) 0,2 %

Order code Package Units/Box st.

161008.1611	1000 ml	6
161008.1612	2,5 l	4
161008.1214	5 l	4
161008.0716	25 l	4

Acetic Acid glacial QP

CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H226-H314
 1l-1,052kg 1kg-0,951l

SPECIFICATIONS:
 Assay (G.C.) 99,5 %
 Density at 20/4 1,048-1,052
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,01 %
 Fe 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
211008.1211	1000 ml	6
211008.1214	5 l	4
211008.0716	25 l	
211008.0718	60 l	

Acetic Acid glacial DC

for determination of cholesterol and glucose
 CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H226-H314
 1l-1,052kg 1kg-0,951l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,7 %
 Density at 20/4 1,048-1,050
 Freezing point ≥16,0°C

MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter 0,001 %
 Residue on ignition (as SO₄) 0,0005 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,0001 %
 Nitrate (NO₃) 0,0001 %
 Phosphate (PO₄) 0,00005 %
 Sulphate (SO₄) 0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,000005 %
As 0,000005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
251008.1611	1000 ml	6

Acetic Acid 96% PA

CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H226-H314
 1l-1,06kg 1kg-0,94l

SPECIFICATIONS:
 Minimum assay (Acidim.) 96,0 %

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,001 %
 Residue on ignition (as SO₄) 0,0005 %
 Reducing substances to K₂Cr₂O₇ p/t.
 Reducing substances to KMnO₄ p/t.
 Acetaldehyde (CH₃CHO) 0,0002 %
 Chloride (Cl) 0,0001 %
 Formate (HCOO) 0,01 %
 Nitrate (NO₃) 0,0001 %
 Sulphate (SO₄) 0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,000005 %
As 0,000005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
122703.1611	1000 ml	6
122703.1612	2,5 l	4
122703.1214	5 l	4
122703.0718	60 l	

Acetic Acid 80% PA

CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00 UN: 2789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H314
 1l-1,07kg 1kg-0,93l

SPECIFICATIONS:
 Minimum assay (Acidim.) 80,0 %

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,001 %
 Residue on ignition (as SO₄) 0,0005 %
 Reducing substances to K₂Cr₂O₇ p/t.
 Reducing substances to KMnO₄ p/t.
 Peroxides 0,0002 %
 Acetaldehyde (CH₃CHO) 0,0002 %
 Chloride (Cl) 0,0001 %
 Formate (HCOO) 0,01 %
 Nitrate (NO₃) 0,0001 %
 Sulphate (SO₄) 0,0001 %
 Heavy metals (as Pb) 0,0001 %

Ag 0,000001 %	Co 0,000001 %	Mn 0,000001 %
Al 0,000005 %	Cr 0,000002 %	Na 0,000005 %
As 0,000005 %	Cu 0,000001 %	Ni 0,000005 %
Ba 0,00001 %	Fe 0,00001 %	Pb 0,000002 %
Be 0,000001 %	K 0,00001 %	Sr 0,000005 %
Ca 0,00005 %	Li 0,000001 %	Zn 0,000005 %
Cd 0,000001 %	Mg 0,00001 %	

Order code	Package	Units/Box st.
121556.1611	1000 ml	6
121556.1214	5 l	4
121556.0716	25 l	

ACETIC ACID SOLUTIONS

Acetic Acid 0,1 mol/l (0,1N) SV

Indicator: Phenolphthalein
 CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00
 1l-1,002kg 1kg-0,998l

SPECIFICATIONS:
 Titer 1,000 ± 0,001

Order code	Package	Units/Box st.
181011.1211	1000 ml	6

Acetic Acid 0,5 mol/l (0,5N) SV

Indicator: Phenolphthalein
 CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00
 1l-1,002kg 1kg-0,998l

SPECIFICATIONS:
 Titer 1,000 ± 0,001

Order code	Package	Units/Box st.
182118.1211	1000 ml	6

Acetic Acid 1 mol/l (1N) SV

Indicator: Phenolphthalein
 CH₃COOH
 M: 60,05 CAS: 64-19-7 EINECS: 200-580-7 NC: 2915 21 00
 1l-1,009kg 1kg-0,991l

SPECIFICATIONS:
 Titer 1,000 ± 0,001

Order code	Package	Units/Box st.
181009.1211	1000 ml	6

Acetic Acid Benzyl Ester

(see Benzyl Acetate)

Acetic Acid Dimethylamide

(see N,N-Dimethylacetamide)

Acetic Acid 2-Phenylethyl Ester

(see 2-Phenylethyl Acetate)

Acetic Aldehyde

(see Acetaldehyde)

A

Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO

(CH₃CO)₂O

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H332-H302-H314

1l-1,08kg 1kg-0,93l

SPECIFICATIONS:

Minimum assay 99 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,003 %
Reducing substances to KMnO₄ p/t
Chloride (Cl) 0,0005 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,0005 %
Heavy metals (as Pb) 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe 0,1	Pb 0,1
Al 0,05	Ga 0,05	Pt 0,1
As 0,1	Ge 0,02	Sb 0,02
Au 0,1	Hg 0,1	Si 0,1
B 0,05	In 0,05	Sn 0,05
Ba 0,1	K 0,1	Sr 0,05
Bi 0,05	Li 0,02	Ti 0,05
Cd 0,5	Mg 0,1	Tl 0,02
Co 0,02	Mn 0,02	V 0,05
Cr 0,02	Mo 0,02	Zn 0,1
Cu 0,02	Na 0,5	Zr 0,02
	Ni 0,02	

Order code	Package	Units/Box st.
131147.1611	1000 ml	6
131147.1612	2,5 l	4
131147.1214	5 l	4
131147.0716	25 l	

Acetic Anhydride PRS

(CH₃CO)₂O

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H332-H302-H314

1l-1,08kg 1kg-0,93l

SPECIFICATIONS:

Assay (Morpholine Met.) 98 %
Non-volatile matter 0,01 %
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,005 %
Sulphate (SO₄) 0,005 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141147.1611	1000 ml	6
141147.1612	2,5 l	4
141147.1214	5 l	4
141147.0716	25 l	

Acetic Anhydride, 98% PS

(CH₃CO)₂O

M: 102,09 CAS: 108-24-7 EINECS: 203-564-8 NC: 2915 24 00 UN: 1715
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H226-H332-H302-H314

1l-1,08kg 1kg-0,93l

SPECIFICATIONS:

Minimum assay (Morpholine meth.) 98 %

Order code	Package	Units/Box st.
161147.1211	1000 ml	6
161147.1212	2,5 l	4
161147.1214	5 l	4
161147.0716	25 l	
161147.0718	60 l	

Acetoacetic Acid Ethyl Ester

(see Ethyl Acetoacetate)

Acetone (VLSI) EG

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay 99,7 %
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Chloride (Cl) 0,00001 %
Phosphate (PO₄) 0,00005 %
Acidity 0,2 µeq/g
Alkalinity 0,5 µeq/g
Water (H₂O) 0,3 %
0,5 µm particles 250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 10	Co 10	Na 50
Al 50	Cr 10	Ni 10
As 10	Cu 10	Pb 10
Au 10	Fe 50	Sb 10
B 20	Ga 10	Sr 10
Ba 20	K 20	Sr 10
Be 10	Li 10	Ti 10
Bi 10	Mg 20	V 10
Ca 50	Mn 10	Zn 20
Cd 10	Mo 10	Zr 10

Order code	Package	Units/Box st.
871007.1212	2,5 l	4

Acetone (MOS) EG

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay 99,7 %
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Chloride (Cl) 0,00002 %
Acidity 0,5 µeq/g
Alkalinity 0,5 µeq/g
Water (H₂O) 0,3 %
0,5 µm particles* 1000 /ml

Metals by ICP [µg/Kg (ppb)]

Al 50	Fe 100	Pb 100
As 10	K 100	Sb 10
Au 50	Mg 100	Sn 50
B 100	Mn 50	Ti 50
Ca 100	Na 100	Zn 100
Cr 50	Ni 50	

*Indicative value

Order code	Package	Units/Box st.
861007.1212	2,5 l	4

Acetone (UV-IR-HPLC-GPC) PAI-ACS

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,0003 %
Methanol (G.C.) 0,05 %
2-Propanol (G.C.) 0,05 %
Reducing substances to KMnO₄ (as O) 0,0002 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Aldehydes (as HCHO) 0,002 %
Water (H₂O) 0,2 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	329 (Cut off)	330	335	340	345	350-450
A (AU)	1,000	0,824	0,222	0,071	0,022	0,009
T (%)	10	15	60	85	95	98

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 5,1
Eluotropic value ε°(Al₂O₃) 0,56
Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361007.1611	1000 ml	6
361007.1612	2,5 l	4

Acetone (PAR) PAI

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0003 meq/g
Alkalinity 0,0005 meq/g
Water (H₂O) 0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code	Package	Units/Box st.
321007.1611	1000 ml	6
321007.1612	2,5 l	4
321007.1646	4 l	4

Acetone dry (max. 0,01% water) DS

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,787-0,791

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Ethanol (G.C.) 0,01 %
Methanol (G.C.) 0,05 %
Mesityl oxide (G.C.) 0,05 %
1-Propanol (G.C.) 0,05 %
2-Propanol (G.C.) 0,05 %
Reducing substances to KMnO₄ (as O) 0,0002 %
Acidity 0,0003 meq/g
Alkalinity 0,0005 meq/g
Aldehydes (as HCHO) 0,005 %
Water (H₂O) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481007.1611	1000 ml	6

Acetone (Reag. Ph. Eur.) PA-ACS-ISO

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/20 0,790-0,793
Boiling range ≤1,5°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Ethanol (G.C.) 0,01 %
4-Hydroxy-4-Methyl-2-Pentanone (G.C.) 0,05 %
Methanol (G.C.) 0,05 %
Mesityl oxide (G.C.) 0,05 %
1-Propanol (G.C.) 0,05 %
2-Propanol (G.C.) 0,05 %
Reducing substances to KMnO₄ (as O) 0,0002 %
Acidity 0,0003 meq/g
Alkalinity 0,0005 meq/g
Aldehydes (as HCHO) 0,002 %
Water (H₂O) 0,2 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131007.1611	1000 ml	6
131007.1211	1000 ml	6
131007.1612	2,5 l	4
131007.1212	2,5 l	4
131007.1214	5 l	4
131007.0716	25 l	
131007.0719	200 l	

Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t
Density at 20/20	0,790-0,793
Density at 25/25	±0,789

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,004 %
Related substances	p/t
Residual solvents (Ph.Eur./USP)	p/t
Ethanol (G.C.)	500 ppm
Benzene (G.C.)	2 ppm
Reducing substances to KMnO ₄	p/t
Acidity	p/t
Alkalinity	p/t
Water (H ₂ O)	0,3 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141007.1611	1000 ml	6
141007.1211	1000 ml	6
141007.1612	2,5 l	4
141007.1212	2,5 l	4
141007.1214	5 l	4
141007.0716	25 l	
141007.0719	200 l	

Acetone (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Assay (C ₃ H ₆ O)	99,5-100,5 %
Acidity (as CH ₃ COOH), not more than	0,002 %
Alkalinity (as NH ₃), not more than	10 ppm
Aldehydes (as HCHO), not more than	0,002 %
Density at 20/20, not more than	0,7930
Refractive index n _D 25	1,358-1,360
Distillation range (including 56,1°C)	1°C
Heavy Metals (as Pb), not more than	1 ppm
Methanol, not more than	0,05 %
Non-volatile matter, not more than	10 ppm
Phenols	p/t
Solubility in water	p/t
Substances Reducing KMnO ₄	p/t
Water, not more than	0,5 %
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201007.1214	5 l	4
201007.0716	25 l	

Acetone, 99,5% PS

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,787-0,791
Non-volatile matter	0,002 %
Water (H ₂ O)	0,3 %

Order code	Package	Units/Box st.
161007.1211	1000 ml	6
161007.1212	2,5 l	4
161007.1714	5 l	4
161007.0616	25 l	

Acetone QP

CH₃COCH₃

M: 58,08 CAS: 67-64-1 EINECS: 200-662-2 NC: 2914 11 00 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,789kg 1kg-1,267l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,787-0,791
Acidity	0,008 meq/g
Alkalinity	0,006 meq/g
Water (H ₂ O)	0,3 %

Order code	Package	Units/Box st.
211007.1211	1000 ml	6
211007.1214	5 l	4
211007.0716	25 l	
211007.0717	50 l	
211007.0719	200 l	

Acetone-D6 deuteration degree min. 99,95% (NMR) PAI

CD₃COCD₃

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,88kg 1kg-1,14l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,02 %
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Order code	Package	Units/Box st.
745839.02130	10 x 0,75 ml	6
745839.1605	10 ml	6

Acetone-D6 deuteration degree min. 99,8% (NMR) PAI

CD₃COCD₃

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,88kg 1kg-1,14l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,03 %
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Order code	Package	Units/Box st.
745838.02130	10 x 0,75 ml	6
745838.1605	10 ml	6
745838.1606	25 ml	6

Acetone-D6 deuteration degree min. 99,5% (NMR) PAI

CD₃COCD₃

M: 64,12 CAS: 666-52-4 EINECS: 211-563-9 NC: 2845 90 10 UN: 1090
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,88kg 1kg-1,14l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,05 %
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Order code	Package	Units/Box st.
745837.1605	10 ml	6
745837.1606	25 ml	6

Acetone Chloroform

(see 1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate)

Acetone Dimethylacetal

(see 2,2-Dimethoxypropane)

Acetonitrile (HPLC-hypergradient grade) HIPERPUR

CH₃CN
 M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning

 H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,9 %
 Identity IR p/t.
 Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0001 %
 Acidity 0,0001 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,01 %
 Suitability for PAH analysis (HPLC fluorescence detection) p/t.
 Suitability for pesticide analysis (HPLC UV detection) p/t.
 Suitability for fluorescence detection (NIST SRM 1647B) p/t.
 UV Spectrum (1cm cell; Ref.: water)

λ (nm)	190	195	200	215	230-400
A (AU)	0,523	0,071	0,018	0,009	0,004
T (%)	30	85	96	98	99

Microfiltered product (0,2 µm) and bottled under argon atmosphere.
 Data of interest in HPLC:

UV-Cut off 190 nm
 Rohrschneider Polarity 5,8
 Eluotropic value ε° (Al₂O₃) 0,65
 Sol. H₂O in solv. at 20°C miscible

Order code	Package	Units/Box st.
721881.1611	1000 ml 	6
721881.1612	2,5 l 	4

Acetonitrile (HPLC-gradient grade) PAI-ACS

CH₃CN
 M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning

 H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,9 %
 Identity IR p/t.
 Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0002 %
 Acidity 0,0005 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,02 %
 Suitability for gradient elution according to ACS p/t.
 Gradient:

λ (nm)	210	254
A (mAU)	1,0	0,5

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	190 (Cut off)	193	195	230-400
A (AU)	1,000	0,222	0,097	0,009
T (%)	10	60	80	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Microfiltered product (0,2 µm) and bottled under argon atmosphere.
 Data of interest in HPLC:

Rohrschneider Polarity 5,8
 Eluotropic value E° (Al₂O₃) 0,65
 Sol. H₂O in solv. at 20°C miscible

Order code	Package	Units/Box st.
221881.1611	1000 ml 	6
221881.1612	2,5 l 	4
221881.1646	4 l 	4
221881.0314	5 l 	4
221881.0515	10 l 	
221881.0516	25 l 	
221881.0537	30 l 	

Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS

CH₃CN
 M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning

 H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,9 %
 Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0004 %
 Acidity 0,0005 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,02 %
 Suitability for IR spectrometry p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	190 (Cut off)	195	200	230-400
A (AU)	1,000	0,155	0,046	0,009
T (%)	10	70	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
361881.1611	1000 ml 	6
361881.1612	2,5 l 	4
361881.0515	10 l 	
361881.0537	30 l 	

Acetonitrile (HPLC-preparative) PAI

CH₃CN
 M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning

 H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,8 %
 Identity IR p/t.
 Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0005 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,05 %
 UV Spectrum (1cm cell; Ref.: water)

λ (nm)	210	220	240-400
A (AU)	0,097	0,046	0,009
T (%)	80	90	98

Microfiltered product (0,2 µm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
261881.1646	4 l 	4
261881.0314	5 l 	4
261881.0515	10 l 	
261881.0316	25 l 	
261881.0537	30 l 	
261881.0519	200 l 	

Acetonitrile (LC-MS) PAI

CH₃CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0002 %
Acidity 0,0003 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,01 %
Suitability for LC-MS p/t
Gradient:

λ (nm)	210	254
A (mAU)	1	0,2

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	193	195	200	230-400
A (AU)	0,222	0,097	0,046	0,009
T (%)	60	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Metals [in mg/Kg (ppm)]

Ag 0,05	Cr 0,02	Na 0,1
Al 0,5	Cu 0,02	Ni 0,02
Ba 0,1	Fe 0,1	Pb 0,1
Ca 0,05	K 0,1	Sn 0,1
Cd 0,05	Mg 0,1	Zn 0,1
Co 0,02	Mn 0,02	

Microfiltered product (0,2 μm) and bottled under argon atmosphere.

Order code Package Units/Box st.

701881.1611	1000 ml	6
701881.1612	2,5 l	4

Acetonitrile (PAR) PAI-ACS

for residue analysis

CH₃CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0002 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t.

Order code Package Units/Box st.

321881.1612	2,5 l	4
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Acetonitrile dry (max. 0,005% water) DS-ACS

CH₃CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
Identity IR p/t
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Acrylonitrile (G.C.) 0,05 %
Allyl alcohol (G.C.) 0,05 %
Benzene (G.C.) 0,05 %
Propionitrile (G.C.) 0,1 %
Reducing substances to KMnO₄ p/t
Acidity 0,0002 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,005 %
Hydrogen Cyanide (HCN) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,05	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

481881.1611	1000 ml	6
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Acetonitrile (Reag. Ph. Eur.) PA-ACS

CH₃CN

M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,779-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA Colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Acrylonitrile (G.C.) 0,05 %
Allyl Alcohol (G.C.) 0,05 %
Benzene (G.C.) 0,05 %
Propionitrile (G.C.) 0,1 %
Reducing substances to KMnO₄ p/t
Acidity 0,0002 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,1 %
Hydrogen Cyanide (HCN) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,05	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

131881.1611	1000 ml	6
131881.1612	2,5 l	4

Acetonitrile, 99,7% PS

CH₃CN
 M: 41,05 CAS: 75-05-8 EINECS: 200-835-2 NC: 2926 90 95 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,781kg 1kg-1,280l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
 Identity IR p/t.
 Density at 20/4 0,779-0,783
 Non-volatile matter 0,003 %
 Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
161881.1611	1000 ml	6
161881.1612	2,5 l	4
161881.1714	5 l	4
161881.0616	25 l	
161881.0619	200 l	

Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI

CD₃CN
 M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,84kg 1kg-1,19l

SPECIFICATIONS:

Deuteration degree min. 99,95 %
 NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,02 %

Order code	Package	Units/Box st.
745842.02130	10 x 0,75 ml	6

Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI

CD₃CN
 M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,84kg 1kg-1,19l

SPECIFICATIONS:

Deuteration degree min. 99,8 %
 NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745841.02130	10 x 0,75 ml	6
745841.1605	10 ml	6

Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI

CD₃CN
 M: 44,05 CAS: 2206-26-0 EINECS: 218-616-5 NC: 2845 90 10 UN: 1648
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning



H225-H332-H312-H302-H319

1l-0,84kg 1kg-1,19l

SPECIFICATIONS:

Deuteration degree min. 99,5 %
 NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,05 %

Order code	Package	Units/Box st.
745840.1605	10 ml	6
745840.1606	25 ml	6

Acetophenone (F.C.C.) ADITIO

C₈H₈O
 M: 120,15 CAS: 98-86-2 EINECS: 202-708-7 NC: 2914 39 00
 Signal Word: Warning



H302-H319

1l-1,03kg 1kg-0,97l

SPECIFICATIONS:

Assay (C₈H₈O) (G.C.), not less than 98,0 %
 Solidification Point, not less than 19°C
 IR p/t.
 Insoluble matter in 50% ethanol p/t.
 Chlorinated compounds p/t.
 Density 1,025-1,028
 Refractive Index 1,533-1,535
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
204333.1214	5 l	4
204333.0716	25 l	

Acetophenone, 98% PS

C₈H₈O
 M: 120,15 CAS: 98-86-2 EINECS: 202-708-7 NC: 2914 39 00
 Signal Word: Warning



H302-H319

1l-1,03kg 1kg-0,97l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 25/4 1,025-1,028
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
164333.1608	100 ml	6
164333.1611	1000 ml	6

Acetophenone-4-Carboxylic Acid

(see 4-Acetylbenzoic Acid)

p-Acetotoluide

(see 4'-Methylacetanilide)

p-Acetotoluidide

(see 4'-Methylacetanilide)

2-Acetoxybenzoic Acid

(see Acetylsalicylic Acid)

4-Acetoxybenzoic Acid, 99% PS

C₈H₈O₄
 M: 180,16 CAS: 2345-34-8 EINECS: 219-066-9 NC: 2918 22 00
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %
 Identity IR p/t.
 Melting range 191-194°C

Order code	Package	Units/Box st.
15A668.0914	5 kg	

Acetoxy Bromide

(see Acetyl Bromide)

Acetylacetone

(see 2,4-Pentanedione)

Acetylbenzene

(see Acetophenone)

4-Acetylbenzoic Acid, 98% PS

C₈H₈O₃
 M: 164,16 CAS: 586-89-0 EINECS: 209-588-5 NC: 2918 30 00
 Signal Word: Warning

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B992.1603	1 g	6
15B992.1604	5 g	6

Acetyl Bromide, 98% PS

C₂H₃BrO

M: 122,96 CAS: 506-96-7 EINECS: 208-061-7 NC: 2915 90 80 UN: 1716
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314-H335

1l-1,655kg 1kg-0,604l

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t
Density at 20/4 1,650-1,660

Order code	Package	Units/Box st.
15A657.1608	100 ml	6

N-Acetyl-4-Bromoaniline

(see 4-Bromoacetanilide)

1-Acetyl-3-Bromobenzene

(see 3'-Bromoacetophenone)

1-Acetyl-4-Bromobenzene

(see 4'-Bromoacetophenone)

Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS

C₂H₃ClO

M: 78,50 CAS: 75-36-5 EINECS: 200-865-6 NC: 2812 10 99 UN: 1717
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H225-EUH014-H314

1l-1,104kg 1kg-0,906l

SPECIFICATIONS:

Minimum assay (G.C.) 98,5 %
Identity IR p/t
Density at 20/4 1,103-1,105
Boiling range (>94% dist.) 49-53°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
Insoluble matter in H₂O 0,0025 %
Non-volatile matter 0,005 %
Phosphate (PO₄) 0,002 %
Heavy metals (as Pb) 0,0005 %
Ca 0,00005 %
Cd 0,000005 %
Co 0,000002 %
Cr 0,000002 %
Cu 0,00001 %
Fe 0,00001 %
Mg 0,00001 %
Mn 0,000002 %
Ni 0,000002 %
Pb 0,00001 %
Zn 0,00001 %

Order code	Package	Units/Box st.
132096.1609	250 ml	6

Acetyl Chloride, 98% PS

C₂H₃ClO

M: 78,50 CAS: 75-36-5 EINECS: 200-865-6 NC: 2812 10 99 UN: 1717
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H225-EUH014-H314

1l-1,104kg 1kg-0,906l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 1,103-1,105

Order code	Package	Units/Box st.
162096.1610	500 ml	6
162096.1611	1000 ml	6
162096.2216	25 l	

Acetylcholine Chloride (USP) PRS-CODEX

C₇H₁₆ClNO₂

M: 181,66 CAS: 60-31-1 EINECS: 200-468-8 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay calc. a.d.s. 98,0-102,0 %
Assay (Arg.) (as Cl) 19,3-19,8 %
Identity according to Pharmacopoeias p/t
Melting range 149-152°C

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C 1,0 %
Residue on ignition 0,2 %
Acidity p/t
Organic volatile impurities p/t

Order code	Package	Units/Box st.
145655.1608	100 g	6

Acetylcholine Chloride, 98% PS

C₇H₁₆ClNO₂

M: 181,66 CAS: 60-31-1 EINECS: 200-468-8 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
155655.1608	100 g	6
155655.1610	500 g	6

N-Acetyl-L-Cysteine, 98% PS

C₃H₉NO₃S

M: 163,19 CAS: 616-91-1 EINECS: 210-498-3 NC: 2930 90 16

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A167.1605	10 g	6
15A167.1607	50 g	6

Acetylene Tetrabromide

(see 1,1,2,2-Tetrabromoethane)

Acetylene Tetrachloride

(see 1,1,2,2-Tetrachloroethane)

2-Acetylmesitylene

(see 2',4',6'-Trimethylacetophenone)

2-Acetyl-6-Methoxynaphthalene, 98% PS

C₁₃H₁₂O₂

M: 200,24 CAS: 3900-45-6 EINECS: 223-453-8 NC: 2914 50 00

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B558.1604	5 g	6
15B558.1606	25 g	6

4-Acetylphenol

(see 4-Hydroxyacetophenone)

Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

CH₃COOC₆H₄COOH

M: 180,16 CAS: 50-78-2 EINECS: 200-064-1 NC: 2918 22 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,5-101,0 %
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in Na₂CO₃ p/t
Insoluble matter in C₂H₅OH p/t
Loss on drying (P₂O₅) 0,5 %
Residue on ignition (as SO₄) 0,1 %
Residual solvents (Ph.Eur./USP) p/t
Related Substances (HPLC) 0,1 %
Salicylic Acid (C₇H₆O₃) 0,05 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,04 %
Heavy metals (as Pb) 0,002 %

Order code	Package	Units/Box st.
141012.1210	500 g	6
141012.1211	1000 g	6
141012.0914	5 kg	

Acetylsalicyloyl Chloride, 98% PS

C₉H₇ClO₃
 M: 198,61 CAS: 5538-51-2 EINECS: 226-899-1 NC: 2918 23 90 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A140.1604	5 g	6
15A140.1606	25 g	6

Acid Black 1

(see Amido Black 10B)

Acid Blue 1

(see Disulphine Blue)

Acid Blue 9

(see Brilliant Blue FCF)

Acid Blue 22

(see Aniline Blue WS)

Acid Blue 74

(see Indigo Carmine)

Acid Blue 83

(see Coomassie Brilliant Blue R 250)

Acid Blue 90

(see Coomassie Brilliant Blue G 250)

Acid Green 1

(see Naphthol Green B)

Acid Green 50

(see Lissamine Green B)

Acidimetric Liquor titrated RV

for determination of acidity in milk. 1 ml corresponds to 0,01g of lactic acid (=1° Dornic)

NC: 3822 00 00
 1l-1,006kg 1kg-0,994l

SPECIFICATIONS:
 Sodium Hydroxide 0,111 mol/l
 Titer 1,000±0,005

Order code	Package	Units/Box st.
281384.1211	1000 ml	6
281384.1212	2,5 l	4
281384.1214	5 l	4

Acidimetric Liquor titrated RV

for determination of oils and fats acidity. 1 ml corresponds to 0,028245 g of oleic acid

NC: 3822 00 00 UN: 1719
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H315

1l-1,002kg 1kg-0,998l
 Composition:
 Potassium Hydroxide 50% w/w 1,4 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
281380.1211	1000 ml	6

Acidimetric Liquor titrated RV

for determination of oils and fats acidity in commercial grades. For 10 g of oil, 1 ml corresponds to 1° of acidity (=0,1 g of oleic acid)

NC: 3822 00 00 UN: 1719
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H315

1l-1,010kg 1kg-0,990l
 Composition:
 Sodium Hydroxide 50% w/w 2,06 ml
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
281381.1211	1000 ml	6

Acid Orange 7

(see Orange II)

Acid Orange 10

(see Orange G)

Acid Orange 52

(see Methyl Orange)

Acid Red 2

(see Methyl Red)

Acid Red 27

(see Amaranth)

Acid Red 51

(see Erythrosin B)

Acid Red 66

(see Biebrich Scarlet)

Acid Red 87

(see Eosin Yellowish)

Acid Red 91

(see Eosin Bluish)

Acid Red 92

(see Phloxine B)

Acid Red 94

(see Rose Bengal)

Acid Red 112

(see Ponceau S)

Acid Violet 19

(see Fuchsin Acid)

Acid Yellow 23

(see Tartrazine)

Acid Yellow 36

(see Metanil Yellow)

Acid Yellow 73

(see Fluorescein Sodium)

Acridine Orange (C.I. 46005) DC

for microscopy, fluorescent staining

C₁₇H₂₀ClN₃·½ZnCl₂

M: 369,94 CAS: 10127-02-3 EINECS: 233-353-6 NC: 3204 13 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in H₂O 489-493 nm
 A 1%; 1 cm. λmax >950
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 5 %

Order code	Package	Units/Box st.
252321.1605	10 g	6
252321.1606	25 g	6

Acrylamide, 99% PS

C₃H₅NO

M: 71,08 CAS: 79-06-1 EINECS: 201-173-7 NC: 2924 19 00 UN: 2074

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H332-H312-H301-H319-H315-H317-H372-H331-H311-H301-H361f

CE: 616-003-00-0

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 84-86°C

Order code	Package	Units/Box st.
163309.1208	100 g	6
163309.1210	500 g	6

Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS

C₅H₈O₂

M: 72,06 CAS: 79-10-7 EINECS: 201-177-9 NC: 2916 11 00 UN: 2218
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H332-H312-H302-H314-H400

1l-1,051kg 1kg-0,95l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 1,049-1,051
Water (H₂O) 0,1 %

Order code Package Units/Box st.

15A673.1610	500 ml		6
15A673.1611	1000 ml		6

Acrylic Acid Methyl Ester

(see Methyl Acrylate)

Acrylic Acid Nitrile

(see Acrylonitrile)

Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS

C₃H_{3.5}N

M: 53,06 CAS: 107-13-1 EINECS: 203-466-5 NC: 2926 10 00 UN: 1093
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: P CAO: 303

Signal Word: Danger



H350-H225-H331-H311-H301-H335-H315-H318-H317-H411

l-0,806kg/1kg-1,241l

SPECIFICATIONS:

Minimum assay (v/v) 99 %
Identity IR p/t
Density at 20/4 0,804-0,808
Water (H₂O) 0,5 %

Order code Package Units/Box st.

15A701.0308	100 ml		6
15A701.0311	1000 ml		6

Actidione

(see Cycloheximide)

Adamantane, 98% PS

C₁₀H₁₆

M: 136,24 CAS: 281-23-2 EINECS: 206-001-4 NC: 2902 19 80

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code Package Units/Box st.

15B669.1606	25 g		6
15B669.1608	100 g		6
15B669.1611	1000 g		6

1-Adamantanol, 99% PS

C₁₀H₁₆O

M: 152,24 CAS: 768-95-6 EINECS: 212-202-8 NC: 2906 19 00

SPECIFICATIONS:

Assay 99 %
Identity IR p/t

Order code Package Units/Box st.

15B530.1604	5 g		6
15B530.1606	25 g		6

2-Adamantanone, 98% PS

C₁₀H₁₆O

M: 150,22 CAS: 700-58-3 EINECS: 211-847-2 NC: 2914 29 00

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code Package Units/Box st.

15B559.1604	5 g		6
15B559.1606	25 g		6
15B559.1608	100 g		6

Adams Catalyst

(see Platinum(IV) Oxide x-hydrate)

Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX

(CH₂CH₂COOH)₂

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-101,0 %
Identity according to Pharmacopoeias p/t
Melting range 151-154°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O 0,05 %
Loss on drying at 105°C 0,2 %
Residue on ignition (as SO₄) 0,1 %
Nitrate (NO₃) 0,003 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,01 %

Related substances:

individual 0,1 %
total 0,5 %
Heavy metals (as Pb) 0,001 %
As 0,0002 %
Cu 0,002 %
Fe 0,001 %
Ni 0,002 %
Pb 0,002 %

Order code Package Units/Box st.

142342.1211	1000 g		6
142342.0914	5 kg		
142342.0416	25 kg		

Adipic Acid (E-355, F.C.C.) ADITIO

(CH₂CH₂COOH)₂

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C₈H₁₆O₄) calc. a.d.s. 99,6-101,0 %
Heavy metals (as Pb), not more than 10 ppm
Melting range 151,5-154,0°C
Residue on ignition, not more than 0,002 %
Water, not more than 0,2 %
Arsenic, not more than 3 ppm
Mercury, not more than 1 ppm
Lead, not more than 2 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code Package Units/Box st.

202342.0914	5 kg		
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Adipic Acid, 99% PS

(CH₂CH₂COOH)₂

M: 146,14 CAS: 124-04-9 EINECS: 204-673-3 NC: 2917 12 10

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Melting range 150-153°C

Order code Package Units/Box st.

152342.1208	100 g		6
152342.1210	500 g		6

Adipic Acid Chloride

(see Adipoyl Chloride)

Agar (prepared for Microbiology)

(see chapter CULTIMED products)

Agar (USP) PRS-CODEX

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	1,0 %
Residue on ignition (as SO ₂) a.d.s.....	6,5 %
Residue on ignition (insol. in acid) a.d.s.....	0,5 %
Loss on drying at 105°C.....	20,0 %
Water absorption.....	p/t.
Foreign starch.....	p/t.
Gelatine.....	p/t.
Foreign organic matter.....	1,0 %
Residual solvents (Ph.Eur./USP).....	p/t
Heavy metals (as Pb).....	0,004 %
Salmonella.....	p/t.
As.....	0,0003 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
141792.1208	100 g	6
141792.1209	250 g	6
141792.1211	1000 g	6
141792.0914	5 kg	

Agar (E-406, F.C.C.) ADITIO

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Arsenic (as As), not more than.....	3 ppm
Ash (Acid-Insoluble) calc. on the dried basis, not more than.....	0,5 %
Ash (Total) calc. on the dried basis, not more than.....	6,5 %
Insoluble matter, not more than.....	1,0 %
Heavy metals (as Pb), not more than.....	10 ppm
Lead, not more than.....	5 ppm
Loss on drying, not more than.....	20,0 %
Water absorption.....	p/t.
Gelatine and other protein.....	p/t.
Starch.....	p/t.
Cadmium, not more than.....	1 ppm
Mercury, not more than.....	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201792.0914	5 kg	

Agar, Bacteriological American Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range 1,5%.....	32-38°C
Melting range 1,5% gel.....	80-95°C
Gel strength 1,5% (Nikan's Method).....	600-850 g/cm ²
pH in gel 1,5%.....	6-7

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C.....	20 %
Residue on ignition (as SO ₂).....	6 %

Order code	Package	Units/Box st.
402303.1210	500 g	6
402303.0914	5 kg	
402303.0416	25 kg	

Agar, Bacteriological European Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range of 1,5% solution.....	32-39,5°C
Melting range of 1,5% solution.....	80-90°C
Gel strength of 1,5 % solution (Nikan's Method).....	800-1100 g/cm ²
pH in gel of 1,5% solution.....	6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₂).....	5 %

Order code	Package	Units/Box st.
402302.1210	500 g	6
402302.0914	5 kg	
402302.0416	25 kg	

Agar, Purified (Ingredient) CULTIMED

for immunodiffusion, electrophoresis and cell culture

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Melting range 1,5% gel.....	80-95°C
Gel strength 1,5% (Nikan's Method).....	700-1200 g/cm ²
pH in gel 1,5%.....	5,5-7,4
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₂).....	5 %

Order code	Package	Units/Box st.
403904.1210	500 g	6
403904.0914	5 kg	
403904.0416	25 kg	

Agar, Technical (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gel strength 1,5% (Nikan's Method).....	700-1100 g/cm ²
pH in gel 1,5%.....	6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C.....	20 %
Residue on ignition (as SO ₂).....	5 %

Order code	Package	Units/Box st.
401792.1210	500 g	6
401792.0914	5 kg	
401792.0416	25 kg	

Agar Base (prepared for Microbiology)

(see chapter CULTIMED products)

L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH₃CH(NH₂)COOH

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....	98,5-101,0%
Identity according to Pharmacopoeias.....	p/t.
T.L.C.....	p/t.
Specific rotation [α] _D ²⁰ c=10 (in HCl 6 mol/l) calc. a.d.s.....	+13,7 to +15,1°
pH of 5% solution.....	5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t.
Insoluble matter in H ₂ O.....	p/t.
Loss on drying at 105°C.....	0,2 %
Residue on ignition (as SO ₂).....	0,1 %
Residual solvents (Ph.Eur./USP).....	p/t.
Chloride (Cl).....	0,02 %
Sulphate (SO ₄).....	0,03 %
Ammonium (NH ₄).....	0,02 %
Heavy metals (as Pb).....	0,001 %
As.....	0,00015 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
142043.1208	100 g	6

L-Alanine (F.C.C.) ADITIO

CH₃CH(NH₂)COOH

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (as C ₃ H ₇ NO ₂) calc. a.d.s.....	98,5-101,5%
Lead, not more than.....	5 ppm
Loss on drying, not more than.....	0,3 %
Residue on ignition, not more than.....	0,2 %
Specific rotation [α] _D ²⁰ calc. a.d.s.....	+13,5 to +15,5°
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
202043.1210	500 g	6

L-Alanine, 99% PS

CH₃CH(NH₂)COOH

M: 89,09 CAS: 56-41-7 EINECS: 200-273-8 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay..... 99 %

Order code	Package	Units/Box st.
162043.1206	25 g	6
162043.1208	100 g	6

DL-Alanine PRS

CH₃CH(NH₂)COOH

M: 89,09 CAS: 302-72-7 EINECS: 206-126-4 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.).....	99 %
Identity.....	IR p/t.
Insoluble matter in H ₂ O.....	0,05 %
Loss on drying at 105°C.....	0,5 %
Residue on ignition (as SO ₂).....	0,1 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,01 %
Ammonium (NH ₄).....	0,02 %
Heavy metals (as Pb).....	0,001 %
As.....	0,00015 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
142035.1208	100 g	6
142035.0914	5 kg	6

Alcian Blue 8 GX (C.I. 74240) DC

for histology. Certified by the Biological Stain Commission

C₂₆H₂₈Cl₂CuN₁₆S₄

M: 1298,88 CAS: 33864-99-2 EINECS: 278-333-8 NC: 3204 16 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ max. ABS in DMSO.....	675-680 nm
A 1%; 1 cm; λ max.....	700-1000
Ratio λ max. P±15 nm.....	0,95-1,05

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C..... 15 %

Order code	Package	Units/Box st.
254584.1604	5 g	6
254584.1606	25 g	6

Alcohol-Acetone 7:3 DC

for microscopy, bleacher according to Gram (see also Kit for Staining Gram-Hucker)

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,795kg 1kg-1,258l

Composition:

Ethanol absolute.....	70 ml
Acetone.....	30 ml

Order code	Package	Units/Box st.
251803.1209	250 ml	6
251803.1210	500 ml	6
251803.1211	1000 ml	6

Alcohol Diacetone

(see 4-Hydroxy-4-Methyl-2-Pentanone)

Alcohol:Ether 1:1

(see Ethanol-Diethyl Ether 1:1)

Alcohol-Hydrochloric 8:2 DC

for microscopy, according to Ziehl-Neelsen

NC: 3822 00 00 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H315

1l-0,890kg 1kg-1,124l

Composition:

Ethanol absolute.....	80 ml
Hydrochloric Acid 35%.....	20 ml

Order code	Package	Units/Box st.
251804.1210	500 ml	6

Alizarin (C.I. 58000) PA

pH indicator 5,5 yellow; 6,8 red violet

C₁₄H₆O₄

M: 240,22 CAS: 72-48-0 EINECS: 200-782-5 NC: 3212 90 90

SPECIFICATIONS:

Identity.....	IR p/t.
λ ₁ of max. ABS in NaOH 0,1 mol/l.....	564-568 nm
λ ₂ of max. ABS in NaOH 0,1 mol/l.....	605-609 nm
A 1%, 1cm, λ ₁ max.....	>625
A 1%, 1cm, λ ₂ max.....	>525
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

yellow.....	5,5
red-violet.....	6,8
Insoluble matter in CH ₂ OH.....	p/t.
Loss on drying at 135°C.....	5 %
Sensitivity as Al reagent.....	p/t.

Order code	Package	Units/Box st.
121094.1606	25 g	6

Alizarin solution 0,1% RV

pH indicator 5,5 yellow; 6,8 red violet

C₁₄H₆O₄

M: 240,22 CAS: 72-48-0 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,868kg 1kg-1,152l

Composition:

Alizarin.....	0,1 g
Ethanol absolute.....	74 ml
Water s.q.m.....	100 ml

Order code	Package	Units/Box st.
281095.1208	100 ml	6

Alizarin Complexone

(see Alizarin-3-Methylamine-N,N-Diacetic Acid)

Alizarin-3-Methylamine-N,N-Diacetic Acid

(Reag. Ph. Eur.) PA

for complexometry

C₁₉H₁₉NO₈

M: 385,33 CAS: 3952-78-1 EINECS: 223-544-2 NC: 2922 50 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ of max. ABS at pH 5,1.....	421-429 nm
A 1%, 1cm, λ max.....	>110
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH.....	p/t.
Loss on drying at 135°C.....	5 %
Sensitivity as Fluoride reagent.....	p/t.
Sensitivity as complexometric indicator.....	p/t.

Order code	Package	Units/Box st.
122619.1603	1 g	6

Alizarin Red S (C.I. 58005) PA

pH and adsorption indicator 3,7 yellow; 5,2 purple red

C₁₄H₇NaO₇S

M: 342,26 CAS: 130-22-3 EINECS: 204-981-8 NC: 3204 12 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ ₁ of max. ABS in NaOH 0,1 mol/l.....	553-558 nm
λ ₂ of max. ABS in NaOH 0,1 mol/l.....	592-596 nm
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:	
yellow.....	3,7
red-purple.....	5,2
Insoluble matter in H ₂ O.....	p/t.
Loss on drying at 135°C.....	5 %
Sensitivity as Al reagent.....	p/t.

Order code	Package	Units/Box st.
121605.1605	10 g	6
121605.1607	50 g	6

Alizarinsulphonic Acid Sodium Salt

(see Alizarin Red S)

Alizarin Yellow GG (C.I. 14025) PA

pH indicator 10,0 light yellow; 12,0 grizzly yellow

$C_{13}H_8N_2NaO_5$

M: 309,22 CAS: 584-42-9 EINECS: 209-536-1 NC: 3204 16 00

SPECIFICATIONS:

Identity..... IR p/t.
 λ of max. ABS in NaOH 0,1 mol/l..... 447-454 nm
 A 1%, 1 cm, λ_{max} >725
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 Light yellow..... 10,0
 Grizzly yellow..... 12,0
 Insoluble matter in H_2O p/t.
 Loss on drying at 135°C..... 5 %

Order code	Package	Units/Box st.
121105.1605	10 g	6

Alizarin Yellow R (C.I. 14030) PA

pH indicator 1,9 red- 3,3 yellow; 10,1 yellow- 12,1 orange red

$C_{13}H_8N_2NaO_5$

M: 309,22 CAS: 2243-76-7 EINECS: 218-818-3 NC: 3204 16 00

SPECIFICATIONS:

Identity..... IR p/t.
 λ of max. ABS in NaOH 0,1 mol/l..... 490-496 nm
 A 1%, 1 cm, λ_{max} >725
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 Yellow..... 10,1
 Orange-red..... 12,1
 Insoluble matter in H_2O p/t.
 Loss on drying at 135°C..... 10 %

Order code	Package	Units/Box st.
121106.1605	10 g	6

Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)

NC: 3822 00 00 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H314

1l-1,188kg 1kg-0,842l

Composition:

Sodium Hydroxide solution 50% w/w..... 110 ml
 Potassium Sodium Tartrate 4-hydrate..... 250 g
 Water s.q.m..... 1 l

Order code	Package	Units/Box st.
624573.1209	250 ml	6

Alkylbenzyltrimethylammonium Chloride (USP-NF) CODEX

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00

UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H312-H302-H314-H400

SPECIFICATIONS:

Assay (Iodom.) calc. a.a.s..... 97,0-103,0 %
 Identity according to Pharmacopoeias..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O p/t.
 Residue on ignition..... 2,0 %
 Limit of foreign amines..... p/t.
 Water (H_2O)..... 15,0 %
 Ratio of alkyl components..... p/t.

Order code	Package	Units/Box st.
191959.1211	1000 g	6

Alkylbenzyltrimethylammonium Chloride, 98% PS

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00

UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H312-H302-H314-H400

SPECIFICATIONS:

Minimum assay (Iodom.) calc. a.d.s..... 98 %
 Identity..... IR p/t.
 Melting range..... 29-34°C
 Water (H_2O)..... 1-6 %

Order code	Package	Units/Box st.
161959.1210	500 g	6
161959.1211	1000 g	6

Alkylbenzyltrimethylammonium Chloride QP

M: 354,0-360,0 CAS: 8001-54-5 EINECS: 264-151-6 NC: 3402 12 00

UN: 3259 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H312-H302-H314-H400

SPECIFICATIONS:

Assay (Iodom.)..... 97-103 %
 Insoluble matter in H_2O p/t.
 Residue on ignition (as SO_2)..... 1 %
 Water (H_2O)..... 5 %

Order code	Package	Units/Box st.
211959.1208	100 g	6
211959.1210	500 g	6
211959.0914	5 kg	

Allantoin (BP, Ph. Eur.) PRS-CODEX

$C_4H_6N_2O_3$

M: 158,12 CAS: 97-59-6 EINECS: 202-592-8 NC: 2933 21 00

SPECIFICATIONS:

Assay (Acidim.) calc a.d.s..... 98,5-101,0 %
 Identity according to Pharmacopoeias..... p/t.
 Specific rotation $[\alpha]_{20/D} c=0,5$ (in H_2O)..... -0,10 to +0,10°
 pH of 0,5% solution..... 4,0-6,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution..... p/t.
 Insoluble matter in H_2O p/t.
 Loss on drying at 105°C..... 0,1 %
 Residue on ignition (as SO_2)..... 0,1 %
 Acidity or alkalinity..... p/t.
 Related substances..... p/t.
 Reducing substances..... p/t.
 Chloride (Cl)..... 0,005 %
 Heavy metals (as Pb)..... 0,001 %

Order code	Package	Units/Box st.
145265.1211	1000 g	6
145265.0416	25 kg	

Allantoin, 98% PS

$C_4H_6N_2O_3$

M: 158,12 CAS: 97-59-6 EINECS: 202-592-8 NC: 2933 21 00

SPECIFICATIONS:

Minimum assay..... 98 %

Order code	Package	Units/Box st.
155265.1608	100 g	6
155265.1610	500 g	6

Allyl Alcohol, 99% PS

C_3H_6O

M: 58,08 CAS: 107-18-6 EINECS: 203-470-7 NC: 2905 29 10 UN: 1098

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1 PAX: P CAO: P

Signal Word: Danger

H225-H331-H311-H301-H319-H335-H315-H400

CE: 603-015-00-6

1l-0,852kg 1kg-1,173l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
 Identity..... IR p/t.
 Density at 20/4..... 0,851-0,853
 Water (H_2O)..... 0,2 %

Order code	Package	Units/Box st.
15A703.1611	1000 ml	6

4-Allylanisole, 98% PS

C₁₀H₁₂O

M: 148,21 CAS: 140-67-0 EINECS: 205-427-8 NC: 2909 30 90

Signal Word: Warning



H302-H319-H315

1l~0,965kg 1kg~1,036l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15A643.1608	100 ml	6

Allylmagnesium Chloride 2M in THF PS

C₃H₅ClMg

M: 100,84 CAS: 2622-05-1 EINECS: 220-067-1 NC: 2931 00 95 UN: 3399

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/- PAX: P CAO: P

Signal Word: Danger



H225-EUH014-H261-H314

1l~0,995kg 1kg~1,005l

SPECIFICATIONS:

Minimum assay 98 %

Identity IR p/t.

Melting range 70-73 °C

Order code	Package	Units/Box st.
15A188.1608	100 ml	6
15A188.1610	500 ml	6

N-Allylthiourea, 98% PS

C₃H₆N₂S

M: 116,19 CAS: 109-57-9 EINECS: 203-683-5 NC: 2930 90 85 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301

SPECIFICATIONS:

Minimum assay 98 %

Identity IR p/t.

Melting range 70-73 °C

Order code	Package	Units/Box st.
15A833.1207	50 g	6
15A833.1209	250 g	6

AlphaNitroso-BetaNaphtol

(see 1-Nitroso-2-Naphtol)

Alumina

(see Aluminium Oxide Basic)

Aluminium metal, powder PRS

Al

M: 26,98 CAS: 7429-90-5 EINECS: 231-072-3 NC: 7601 10 00 UN: 1396

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger



H228-H260

SPECIFICATIONS:

Nitrogen compounds (as N) 0,005 %

Fats 1 %

Cu 0,05 %

Fe 1,0 %

Order code	Package	Units/Box st.
141098.1609	250 g	6
141098.1611	1000 g	6
141098.0914	5 kg	6

ALUMINIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Aluminium Ammonium Sulphate 12-hydrate PA-ACS

NH₄Al(SO₄)₂·12H₂O

M: 453,33 CAS: 7784-26-1 EINECS: 232-055-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.) 99,0-102,0%

pH of 5% solution ≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %

Loss on drying at 300°C 48 %

Alkali and alkaline-earth salts 0,3 %

Chloride (Cl) 0,001 %

Phosphate (PO₄) 0,0025 %

Heavy metals (as Pb) 0,001 %

As 0,00005 %

Ca 0,05 %

Cu 0,0005 %

Fe 0,001 %

K 0,05 %

Na 0,01 %

Ni 0,0005 %

Pb 0,0005 %

Order code	Package	Units/Box st.
131102.1210	500 g	6
131102.1211	1000 g	6
131102.1214	5 kg	4
131102.0416	25 kg	6

Aluminium Ammonium Sulphate 12-hydrate (USP)

PRS-CODEX

NH₄Al(SO₄)₂·12H₂O

M: 453,33 CAS: 7784-26-1 EINECS: 232-055-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s 99,0-100,5%

Identity according to Pharmacopoeias p/t.

pH of 5% solution ≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,02 %

Loss on drying at 300°C 45,0-48,0 %

Residual solvents (Ph.Eur./USP) p/t.

Alkali and alkaline-earth salts 0,5 %

Chloride (Cl) 0,005 %

Phosphate (PO₄) 0,005 %

Heavy metals (as Pb) 0,002 %

As 0,0002 %

Cu 0,002 %

Fe 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141102.1210	500 g	6
141102.1211	1000 g	6
141102.1214	5 kg	4
141102.0416	25 kg	6

Aluminium Chloride anhydrous, 98% PS

AlCl₃

M: 133,34 CAS: 7446-70-0 EINECS: 231-208-1 NC: 2827 32 00 UN: 1726

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Arg.) 98 %

Order code	Package	Units/Box st.
15A709.1608	100 g	6
15A709.1610	500 g	6

Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

AlCl₃·6H₂O

M: 241,45 CAS: 7784-13-6 EINECS: 231-208-1 NC: 2827 32 00

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Compl.)95,0-101,0%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O 0,02 %
 Residual solvents (Ph.Eur./USP) p/t.
 Sulphate (SO₄) 0,01 %
 Ammonium (NH₄) 0,05 %
 Water (H₂O) 42,0-48,0 %
 Alkali and alkaline-earth metals 0,5 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Cu 0,002 %
 Fe 0,001 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141097.1210	500 g	6
141097.1211	1000 g	6
141097.0914	5 kg	
141097.0416	25 kg	

Aluminium Hydroxide PRS

Al(OH)₃

M: 78,00 CAS: 21645-51-2 EINECS: 244-492-7 NC: 2818 30 00

SPECIFICATIONS:

Assay (Compl.) 90 %
 Loss on ignition 32-35 %
 As 0,0003 %
 Cu 0,002 %
 Fe 0,01 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141812.1209	250 g	6
141812.1211	1000 g	6
141812.0914	5 kg	
141812.0416	25 kg	

Aluminium Hydroxide Silicate

(see Aluminium Silicate)

Aluminium Isopropylate, 98% PS

C₉H₂₁AlO₃

M: 204,25 CAS: 555-31-7 EINECS: 209-090-8 NC: 2905 19 00 UN: 3181

IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H228

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A314.1604	5 g	6
15A314.1608	100 g	6
15A314.1610	500 g	6

Aluminium Isopropoxide

(see Aluminium Isopropylate)

Aluminium Lithium Hydride

(see Lithium Aluminium Hydride)

Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS

Al(NO₃)₃·9H₂O

M: 375,13 CAS: 7784-27-2 EINECS: 236-751-8 NC: 2834 29 80 UN: 1438

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
 pH of 5% solution ≥2,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,005 %
 Ammonium (NH₄) 0,03 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Ca 0,005 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,002 %
 K 0,002 %
 Mg 0,001 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131099.1210	500 g	6
131099.1211	1000 g	6

Aluminium Nitrate 9-hydrate PRS

Al(NO₃)₃·9H₂O

M: 375,13 CAS: 7784-27-2 EINECS: 236-751-8 NC: 2834 29 80 UN: 1438

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
 pH of 5% solution 2,5-3,5
 Insoluble matter in H₂O 0,02 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,005 %
 Ammonium (NH₄) 0,05 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Ca 0,02 %
 Cu 0,001 %
 Fe 0,01 %
 K 0,05 %
 Mg 0,005 %
 Na 0,01 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141099.1210	500 g	6
141099.1211	1000 g	6
141099.0914	5 kg	

Aluminium Nitrate/Cesium Chloride Buffer Solution

(see Buffer Solution Aluminium Nitrate/Cesium Chloride)

Aluminium Oxide Basic (Reag. Ph. Eur.) PA

for chromatography in column

Al₂O₃

M: 101,96 CAS: 1344-28-1 EINECS: 215-691-6 NC: 2818 20 00

SPECIFICATIONS:

pH of aqueous suspension 9-10

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition 8 %
 Adsorption power p/t.
 Soluble matter in water 0,5 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Cu 0,005 %
 Fe 0,005 %
 Ni 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
121100.1210	500 g	6
121100.1211	1000 g	6

A

Aluminium Potassium Sulphate dry, powder QP

AlK(SO₄)₂

M: 258,24 CAS: 10043-67-1 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay [as AlK(SO ₄) ₂ (Compl.)]	70 %
pH of 5% solution	3,0-3,5
Insoluble matter in H ₂ O	0,05 %
Chloride (Cl)	0,1 %
Ammonium (NH ₄)	0,03 %
As	0,0002 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code Package Units/Box st.

211087.1214	5 kg		4
211087.0416	25 kg		

Aluminium Potassium Sulphate 12-hydrate PA-ACS

AlK(SO₄)₂·12H₂O

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
pH of 5% solution	≥3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,0005 %
Phosphate (PO ₄)	0,0005 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code Package Units/Box st.

131103.1210	500 g		6
131103.1211	1000 g		6
131103.1214	5 kg		4
131103.0416	25 kg		

Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

AlK(SO₄)₂·12H₂O

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (Compl.)	99,0-100,5%
Identity according to Pharmacopoeias	p/t
pH of 10% solution	3,0-3,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Loss on drying at 400°C	43,0-46,0 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,01 %
Ammonium (NH ₄)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code Package Units/Box st.

141103.1210	500 g		6
141103.1211	1000 g		6
141103.1214	5 kg		4
141103.0416	25 kg		

Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO

AlK(SO₄)₂·12H₂O

M: 474,39 CAS: 7784-24-9 EINECS: 233-141-3 NC: 2833 30 00

SPECIFICATIONS:

Assay (as AlK(SO ₄) ₂ ·12H ₂ O)	99,5-100,5%
pH of 5% solution	3,0-4,0
Ammonium Salts	p/t
Fluoride, not more than	0,003 %
Selenium, not more than	0,003 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	3 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code Package Units/Box st.

201103.1214	5 kg		4
201103.0416	25 kg		

Aluminium Silicate QP

CAS: 1318-74-7 EINECS: 215-286-4 NC: 2507 00 20

SPECIFICATIONS:

Assay (as SiO ₂)	48 %
Loss on drying at 110°C	1 %

Order code Package Units/Box st.

211149.1208	100 g		6
211149.1211	1000 g		6

Aluminium Sulphate 18-hydrate PA-ACS

Al₂(SO₄)₃·18H₂O

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay	98,0-102,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0,01 %
Appearance and colour of solution	0,005 %
Heavy metals (as Pb)	0,001 %
Ca	0,01 %
Fe	0,002 %
K	0,005 %
Mg	0,002 %
Na	0,02 %

Order code Package Units/Box st.

131101.1209	250 g		6
131101.1211	1000 g		6
131101.0914	5 kg		4
131101.0416	25 kg		

Aluminium Sulphate 18-hydrate PRS

Al₂(SO₄)₃·18H₂O

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay (Compl.) (Al ₂ (SO ₄) ₃)	51,0-59,0 %
pH of 2% solution	2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Alkali and alkaline-earth salts	0,4 %
Chloride (Cl)	0,05 %
Ammonium (NH ₄)	0,05 %
Heavy metals (as Pb)	0,004 %
As	0,0003 %
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code Package Units/Box st.

141101.1210	500 g		6
141101.1211	1000 g		6
141101.0914	5 kg		
141101.0416	25 kg		

Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX

Al₂(SO₄)₃·18H₂O

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

SPECIFICATIONS:

Assay (Compl.) (Al ₂ (SO ₄) ₃)	51,0-59,0 %
Identity according to Pharmacopoeias	p/t
pH of 2% solution	2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	p/t
Residual solvents (Ph.Eur./USP)	p/t
Alkali and alkaline-earth salts	0,4 %
Chloride (Cl)	0,05 %
Ammonium (NH ₄)	0,05 %
Heavy metals (as Pb)	0,004 %
As	0,0003 %
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code Package Units/Box st.

191101.1210	500 g		6
191101.1211	1000 g		6
191101.0914	5 kg		
191101.0416	25 kg		

Aluminium Sulphate 0,9 mol/l RV

ionic strength adjustor

Al₂(SO₄)₃·18H₂O

M: 666,42 CAS: 7784-31-8 EINECS: 233-135-0 NC: 2833 22 00

1l-1,305kg 1kg-0,766l

Composition:

Aluminium Sulphate 18-hydrate	60,0 g
Water s.q.m	100 ml

Order code Package Units/Box st.

285316.1209	250 ml		6
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Aluminium Trichloride

(see Aluminium Chloride)

Alum Iron Ammonium saturated solution RV

indicator for determination of chloride according to Volhard
 $\text{NH}_4\text{Fe}(\text{SO}_4) \cdot 12\text{H}_2\text{O}$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

1l-1,178kg 1kg-0,849l

Composition:

Ammonium Iron(III) Sulphate 12-hydrate.....50 g
 Sulphuric Acid 96%.....0,1 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
281366.1209	250 ml	6

Amaranth (C.I. 16185) (Reag. USP) PA

$\text{C}_{20}\text{H}_{11}\text{N}_2\text{Na}_3\text{O}_{10}\text{S}_3$

M: 604,48 CAS: 915-67-3 EINECS: 213-022-2 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.

λ of max. ABS in H_2O520-522 nm

A 1%, 1 cm, λ_{max}300-500

T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
124886.1606	25 g	6

Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA

redox indicator

$\text{C}_{22}\text{H}_{14}\text{N}_6\text{Na}_2\text{O}_9\text{S}_2$

M: 616,50 CAS: 1064-48-8 EINECS: 213-903-1 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.

λ of max. ABS in H_2O614-620 nm

A 1%, 1 cm, λ_{max}>625

T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C.....12 %

Order code	Package	Units/Box st.
122036.1606	25 g	6

Amido Black 10B (C.I. 20470) DC

for electrophoresis

$\text{C}_{22}\text{H}_{14}\text{N}_6\text{Na}_2\text{O}_9\text{S}_2$

M: 616,50 CAS: 1064-48-8 EINECS: 213-903-1 NC: 3204 12 00

SPECIFICATIONS:

Identity.....IR p/t.

λ of max. ABS in H_2O614-620 nm

A 1%, 1 cm, λ_{max}>625

Ratio λ_{max} , $\text{P} \pm 15$ nm.....1,04-1,12

T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C.....12 %

Order code	Package	Units/Box st.
252036.1606	25 g	6
252036.1608	100 g	6

Amido Black 10B Solution for the determination of protein content in milk PA

according to NF V 04-216 and ISO 5542:1984

NC: 3822 00 00

1l-1,007kg 1kg-0,993l

SPECIFICATIONS:

pH at 20°C.....2,30-2,50

ABS at λ 620 nm 1% solution in H_2O0,705-0,725

Order code	Package	Units/Box st.
126352.1214	5 l	4

Amidosulphonic Acid

(see Sulphamic Acid)

Aminoacetic Acid

(see Glycine)

4-Aminoantipyrine, 98% PS

$\text{C}_{11}\text{H}_{13}\text{N}_3\text{O}$

M: 203,25 CAS: 83-07-8 EINECS: 201-452-3 NC: 2933 11 90

Signal Word: Warning



H302

SPECIFICATIONS:

Assay.....98 %

Identity.....IR p/t.

Order code	Package	Units/Box st.
15A371.1208	100 g	6
15A371.1210	500 g	6

3'-Aminobenzanilide, 99% PS

$\text{C}_{13}\text{H}_{12}\text{N}_2\text{O}$

M: 212,25 CAS: 16091-26-2 EINECS: 240-254-1 NC: 2924 29 95

SPECIFICATIONS:

Minimum assay (G.C.).....99 %

Identity.....IR p/t.

Melting range.....124-126°C

Order code	Package	Units/Box st.
15A641.1603	1 g	6
15A641.1605	10 g	6

4-Aminobenzenesulphonic Acid

(see Sulphanilic Acid)

2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA

$\text{C}_7\text{H}_7\text{NO}_2$

M: 137,14 CAS: 118-92-3 EINECS: 204-287-5 NC: 2922 43 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.).....99,5 %

Identity.....IR p/t.

Melting range.....144-147°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in $\text{C}_2\text{H}_5\text{OH}$0,02 %

Loss on drying at 105°C.....1 %

Residue on ignition (as SO_3).....0,1 %

Chloride (Cl).....0,05 %

Sulphate (SO_4).....0,01 %

Cu.....0,001 %

Fe.....0,001 %

Ni.....0,001 %

Pb.....0,001 %

Order code	Package	Units/Box st.
122645.1208	100 g	6

2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS

$\text{C}_7\text{H}_7\text{NO}_2$

M: 137,14 CAS: 118-92-3 EINECS: 204-287-5 NC: 2922 43 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.).....99 %

Identity.....IR p/t.

Melting range.....144-147°C

Order code	Package	Units/Box st.
162645.1208	100 g	6
162645.1210	500 g	6

4-Aminobenzoic Acid, 99% PS

$\text{C}_7\text{H}_7\text{NO}_2$

M: 137,13 CAS: 150-13-0 EINECS: 205-753-0 NC: 2922 49 95

SPECIFICATIONS:

Assay.....99 %

Identity.....IR p/t.

Order code	Package	Units/Box st.
15B626.1209	250 g	6
15B626.1211	1000 g	6

2-Aminobenzothiazole, 97% PS

C₇H₆N₂S

M: 150,20 CAS: 136-95-8 EINECS: 205-268-4 NC: 2934 20 80

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B571.1208	100 g	6

S(+)-2-Amino-1-Butanol, 98% PS

CH₃CH₂CH(NH₂)CH₂OH

M: 89,14 CAS: 5856-62-2 EINECS: 202-488-2 NC: 2922 19 80 UN: 2735

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H314

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B747.1603	1 ml	6
15B747.1604	5 ml	6

S-2-Aminobutyramide Hydrochloride

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

6-Aminocaproic Acid

(see 6-Aminohexanoic Acid)

2-Amino-5-Chlorobenzoic Acid, 98% PS

C₇H₆ClNO₂

M: 171,58 CAS: 635-21-2 EINECS: 211-230-8 NC: 2922 49 95

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B564.1604	5 g	6
15B564.1206	25 g	6

2-Amino-6-Chloropurine, 99% PS

C₅H₄ClN₅

M: 169,57 CAS: 10310-21-1 EINECS: 233-686-7 NC: 2933 59 95

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B568.1604	5 g	6

2-Amino-2',5-Dichlorobenzophenone, 99% PS

C₁₃H₈Cl₂NO

M: 266,13 CAS: 2958-36-3 EINECS: 220-985-2 NC: 2922 39 00

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B560.1205	10 g	6
15B560.1207	50 g	6

1-Amino-2,4-Difluorobenzene

(see 2,4-Difluoroaniline)

2-Aminoethanesulphonic Acid

(see Taurine)

2-Aminoethanol

(see Ethanolamine)

2-Amino-5-Fluorobenzoic Acid, 97% PS

C₇H₆FNO₂

M: 155,12 CAS: 446-08-2 EINECS: 207-159-7 NC: 2922 49 95

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B565.1503	1 g	6
15B565.1604	5 g	6

2-Aminoglutaric Acid

(see Glutamic Acid)

2(S)-Amino-5-Guanidinovaleric Acid

(see L-Arginine)

2-Amino-5-Guanidinopentanoic Acid

(see Arginine)

6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₃NO₂

M: 131,18 CAS: 60-32-2 EINECS: 200-469-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (Percl. Ac.) calc. a.d.s. 98,5-101,0 %
Identity according to Pharmacopoeias p/t.
pH of 20% solution 7,5-8,0
T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying at 105°C 0,5 %
Residue on ignition (as SO₂) 0,1 %
Absorbance p/t.
Heavy metals (as Pb) 0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
14B764.1210	500 g	6

6-Aminohexanoic Acid, 99% PS

C₆H₁₃NO₂

M: 131,18 CAS: 60-32-2 EINECS: 200-469-3 NC: 2922 49 95

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B764.1208	100 g	6
15B764.1210	500 g	6

2-Amino-1-Hydroxybenzene

(see 2-Aminophenol)

4-Amino-1-Hydroxybenzene

(see 4-Aminophenol)

5-Amino-2-Hydroxybenzoic Acid, 97% PS

C₇H₇NO₃

M: 153,14 CAS: 89-57-6 EINECS: 201-919-1 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay (Acidim.) 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A672.1208	100 g	6
15A672.1210	500 g	6

2-Amino-3-Hydroxybutyric Acid

(see Threonine)

2-Amino-2-Hydroxymethyl-1,3-Propanediol

(see Tris (Hydroxymethyl) Aminomethane)

1-Amino-2-Hydroxy-4-Naphthalenesulphonic Acid

(see 1-Amino-2-Naphthol-4-Sulphonic Acid)

(S)-2-Amino-3-(4-Hydroxyphenyl) Propionic Acid

(see L-Tyrosine)

2-Amino-3-Hydroxypropionic Acid

(see Serine)

2-Amino-3-(3-Indolyl) Propionic Acid

(see Tryptophan)

1-Amino-2-Iodobenzene

(see 2-Iodoaniline)

1-Amino-4-Iodobenzene

(see 4-Iodoaniline)

β-Amino Isobutyl Alcohol

(see 2-Amino-2-Methyl-1-Propanol)

2-Amino-3-Mercaptopropionic Acid

(see L-Cysteine)

Aminomethane

(see Methylamine)

2-Amino-6-Methoxybenzothiazole, 98% PS

C₈H₈N₂OS

M: 180,22 CAS: 1747-60-0 EINECS: 217-130-0 NC: 2934 20 80

Signal Word: Warning



H302

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B569.1606	25 g	6
15B569.1608	100 g	6

3-Aminomethylalazarin-N,N-Diacetic Acid

(see Alizarin-3-Methylamine-N,N-Diacetic Acid)

2-Amino-3-Methylbutyric Acid

(see Valine)

Aminomethylcyclopropane

(see Cyclopropylmethylamine)

2-Amino-4-(Methylmercapto)butyric Acid

(see Methionine)

(2S, 3S)-2-Amino-3-Methylpentanoic Acid

(see L-Isoleucine)

2(S)-Amino-4-Methylpentanoic Acid

(see L-Leucine)

2-Amino-2-Methylpropane

(see tert-Butylamine)

2-Amino-2-Methyl-1-Propanol, 95% PS

C₄H₁₁NO

M: 89,14 CAS: 124-68-5 EINECS: 204-709-8 NC: 2922 19 80

Signal Word: Warning



H319-H315-H412

1l-0,93kg 1kg~1,08l

SPECIFICATIONS:

Assay -95 %
Identity IR p/t.
Water (H₂O) 0,5 %

Order code	Package	Units/Box st.
15A625.1610	500 ml	6
15A625.1611	1000 ml	6
15A625.1214	5 l	4

2-Amino-6-Methylpyridine, 98% PS

C₈H₈N₂

M: 108,14 CAS: 1824-81-3 EINECS: 217-360-1 NC: 2933 39 99 UN: 3143

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A348.1604	5 g	6
15A348.1608	100 g	6
15A348.1610	500 g	6

1-Aminonaphthalene

(see 1-Naphthylamine)

1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS

for determination of phosphorus

C₁₀H₇NO₃S

M: 239,25 CAS: 116-63-2 EINECS: 204-147-3 NC: 2922 21 00

SPECIFICATIONS:

Minimum assay (Acidim.) 98,0 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in Na₂CO₃ p/t.
Residue on ignition 0,1 %
Sulphate (SO₄) 0,2 %
Sensitivity to phosphate p/t.

Order code	Package	Units/Box st.
132670.1206	25 g	6

2-Amino-5-Nitrobenzoic Acid, 97% PS

C₇H₅N₂O₄

M: 182,14 CAS: 616-79-5 EINECS: 210-493-6 NC: 2922 49 95

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A661.1604	5 g	6
15A661.1606	25 g	6

2-Amino-4-Nitrophenol, 98% PS

C₆H₇N₂O₃

M: 154,12 CAS: 99-57-0 EINECS: 202-767-9 NC: 2922 29 00

Signal Word: Warning



H319-H335-H315-H351-H341

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B563.1605	10 g	6
15B563.1608	100 g	6

2-Amino-5-Nitrothiazole, 97% PS

C₃H₃N₃O₂S

M: 145,13 CAS: 121-66-4 EINECS: 204-490-9 NC: 2934 10 00

Signal Word: Warning



H332-H312-H302-H351

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A109.1606	25 g	6
15A109.1608	100 g	6

2-Amino-5-Nitrotoluene

(see 2-Methyl-4-Nitroaniline)

2-Aminophenol, 98% PS

C₆H₇NO

M: 109,13 CAS: 95-55-6 EINECS: 202-431-1 NC: 2922 29 00 UN: 2512

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H341

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A507.1608	100 g	6
15A507.1610	500 g	6

4-Aminophenol, 98% PS

C₆H₇NO

M: 109,12 CAS: 123-30-8 EINECS: 204-616-2 NC: 2922 29 00 UN: 2512

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H410-H341

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A475.1609	250 g	6
15A475.1611	1000 g	6

A

N-(3-Aminophenyl) Benzamide

(see 3'-Aminobenzanilide)

2-Amino-6-Picoline

(see 2-Amino-6-Methylpyridine)

2-Aminopropionic Acid

(see Alanine)

2-Aminopyridine, 98% PS

C₅H₆N₂

M: 94,12 CAS: 504-29-0 EINECS: 207-988-4 NC: 2921 59 90 UN: 2671

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A926.1608	100 g	6
15A926.1610	500 g	6

5-Aminoquinoline, 98% PS

C₉H₈N₂

M: 144,18 CAS: 611-34-7 EINECS: 210-266-1 NC: 2933 49 90

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A441.1603	1 g	6
15A441.1604	5 g	6

5-Aminosalicylic Acid

(see 5-Amino-2-Hydroxybenzoic Acid)

D,L-2-Aminosuberic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(R)-2-Aminosuberic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-2-Aminosuberic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Boc-2-Aminosuberic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Fmoc-2-Aminosuberic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-Aminosuccinic Acid

(see Aspartic Acid)

2-Aminosuccinic Acid 4-Amide

(see Asparagine)

2-Aminotoluene

(see o-Toluidine)

4-Aminotoluene

(see p-Toluidine)

(R)- 2-Amino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)- 2-Amino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

N-Aminourea Hydrochloride

(see Semicarbazide Hydrochloride)

Ammonia 30% (as NH₃) PA-ACS

NH₃

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813

Signal Word: Danger



H314-H400

1l-0,897kg 1kg-1,115l

SPECIFICATIONS:

Assay (Acidim.) 28,0-30,0 %*

Density at 20/4 0,892-0,898*

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,002 %

Residue on ignition 0,002 %

Reducing substances to KMnO₄ (as O) 0,0008 %

Pyridine and homologues 0,0002 %

Carbonate (as CO₂) 0,002 %

Sulphur compounds (as SO₄) 0,0002 %

Chloride (Cl) 0,00005 %

Phosphate (PO₄) 0,0001 %

Nitrate (NO₃) 0,0002 %

Sulphide (S) 0,00001 %

Heavy metals (as Pb) 0,00005 %

As 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02 Ga 0,05 Sb 0,02

Al 0,1 Ge 0,02 Si 0,2

Au 0,1 Hg 0,1 Sn 0,05

B 0,5 In 0,05 Sr 0,0001

Ba 0,1 K 1 Ti 0,05

Be 0,1 Li 0,02 Tl 0,02

Bi 0,05 Mg 0,5 V 0,02

Ca 1 Mn 0,1 Zn 0,1

Cd 0,1 Mo 0,02 Zr 0,05

Co 0,1 Na 2

Cr 0,05 Ni 0,05

Cu 0,1 Pb 0,05

Fe 0,1 Pt 0,1

*At the moment of the batch analysis

Order code Package Units/Box st.

131130.1611 1000 ml 6

131130.1612 2,5 l 4

131130.1214 5 l 4

131130.0716 25 l

131130.0718 60 l

131130.0719 200 l

Ammonia 30% (as NH₃) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

NH₃

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813

Signal Word: Danger



H314-H400

1l-0,897kg 1kg-1,115l

SPECIFICATIONS:

Assay (Acidim.) 27,0-30,0 %*

Identity according to Pharmacopoeias p/t

Density at 20/20 0,892-0,901*

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t

Insoluble matter in H₂O p/t

Non-volatile matter 0,002 %

Residue on ignition 0,01 %

Residual solvents (Ph.Eur./USP) p/t

Reducing substances to KMnO₄ p/t

Pyridine and homologues (as C₅H₅N) 0,0002 %

Carbonate (as CO₂) 0,005 %

Sulphur compounds (as SO₄) 0,0005 %

Chloride (Cl) 0,0001 %

Phosphate (PO₄) 0,0005 %

Heavy metals (as Pb) 0,0001 %

As 0,00004 %

Ca 0,001 %

Cu 0,0001 %

Fe 0,00025 %

Mg 0,001 %

Ni 0,0001 %

Pb 0,0001 %

Zn 0,0001 %

*At the moment of the batch analysis

Order code Package Units/Box st.

141130.1611 1000 ml 6

141130.1612 2,5 l 4

141130.1214 5 l 4

141130.0716 25 l

141130.0718 60 l

141130.0719 200 l

Ammonia 30% (as NH₃) (E-527, F.C.C.) ADITIO

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger

H314-H400
 1l-0,897kg 1kg-1,115l

SPECIFICATIONS:
 Assay (by weight of NH₃) 27,0-30,0 %*
 Non-volatile residue, not more than 0,02 %
 Easily oxidizable substances p/t
 Arsenic, not more than 3 ppm
 Lead, not more than 0,5 ppm
 Specifications Dir. 2008/84/EC, F.C.C. 6

*At the moment of the batch analysis

Order code	Package	Units/Box st.
201130.1214	5 l	4
201130.0716	25 l	

Ammonia 25% (as NH₃) (Reag. USP, Ph. Eur.) PA

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger

H314-H400
 1l-0,905kg 1kg-1,105l

SPECIFICATIONS:
 Assay (Acidim.) 25,0-27,0 %*
 Density at 20/4 0,901-0,907*

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Non-volatile matter 0,002 %
 Reducing substances to KMnO₄ (as O) 0,0008 %
 Pyridine and homologues 0,0002 %
 Carbonate (as CO₂) 0,002 %
 Sulphur compounds (as SO₂) 0,0002 %
 Chloride (Cl) 0,00005 %
 Phosphate (PO₄) 0,0001 %
 Sulphide (S) 0,00001 %
 Heavy metals (as Pb) 0,00005 %
 As 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,5	Hg 0,1	Si 0,3
Ba 0,1	In 0,05	Sn 0,05
Be 0,1	K 1	Sr 0,0001
Bi 0,05	Li 0,02	Ti 0,05
Ca 1	Mg 0,5	Tl 0,02
Cd 0,1	Mn 0,1	V 0,02
Co 0,1	Mo 0,02	Zn 0,1
Cr 0,05	Na 2	Zr 0,05
Cu 0,1	Ni 0,05	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
121129.1611	1000 ml	6
121129.1612	2,5 l	4
121129.1214	5 l	4
121129.0716	25 l	
121129.0718	60 l	
121129.0719	200 l	

Ammonia 25% (as NH₃) (BP, Ph. Eur.) PRS-CODEX

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger

H314-H400
 1l-0,905kg 1kg-1,105l

SPECIFICATIONS:
 Assay (Acidim.) (w/w) 25,0-27,0 %*
 Identity according to Pharmacopoeias p/t
 Density at 20/20 0,901-0,907*

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t
 Non-volatile matter 0,002 %
 Residual solvents (Ph.Eur./USP) p/t
 Reducing substances to KMnO₄ p/t
 Pyridine and homologues (as C₆H₅N) 0,0002 %
 Carbonate 0,005 %
 Sulphur compounds (as SO₂) 0,0005 %
 Chloride (Cl) 0,0001 %
 Phosphate (PO₄) 0,0005 %
 Heavy metals (as Pb) 0,0001 %
 Ca 0,001 %
 Cu 0,0001 %
 Fe 0,000025 %
 Mg 0,001 %
 Ni 0,0001 %
 Pb 0,0001 %
 Zn 0,0001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141129.1611	1000 ml	6
141129.1612	2,5 l	4
141129.1214	5 l	4
141129.0716	25 l	
141129.0718	60 l	

Ammonia 25% (as NH₃) ADITIO

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger

H314-H400
 1l-0,905kg 1kg-1,105l

SPECIFICATIONS:
 Assay (by weight of NH₃) 23,0-25,0 %*
 Heavy metals (as Pb), not more than 5 ppm
 Non-volatile residue, not more than 0,02 %
 Easily oxidizable substances p/t

*At the moment of the batch analysis

Order code	Package	Units/Box st.
201129.1214	5 l	4
201129.0716	25 l	

Ammonia 25% (as NH₃) QP

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger

H314-H400
 CE: 007-001-01-2
 1l-0,905kg 1kg-1,105l

SPECIFICATIONS:
 Assay (Acidim.) 24-27 %*
 Density at 20/4 0,900-0,910*
 Sulphur compounds (as SO₂) 0,005 %
 Chloride (Cl) 0,005 %
 Fe 0,005 %
 Pb 0,005 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
211129.1214	5 l	4
211129.0716	25 l	
211129.0718	60 l	

Ammonia 20% (as NH₃) (TMA) HIPERPUR-PLUS

NH₃

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813

Signal Word: Danger



H314

1l-0,920kg 1kg-1,087l

SPECIFICATIONS:

Assay (Acidim.)20-22 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag	.....10	Gd	.....10	Rh	.....10
Al	.....20	Ge	.....10	Sb	.....10
As	.....10	Hg	.....200	Sc	.....10
Au	.....10	Ho	.....10	Sm	.....10
Ba	.....10	In	.....10	Sn	.....10
Be	.....10	K	.....10	Sr	.....10
Bi	.....10	La	.....10	Tb	.....10
Ca	.....10	Li	.....10	Te	.....10
Cd	.....10	Lu	.....10	Th	.....10
Ce	.....10	Mg	.....10	Ti	.....10
Co	.....10	Mn	.....10	Tl	.....10
Cr	.....10	Mo	.....10	Tm	.....10
Cs	.....10	Na	.....20	U	.....10
Cu	.....10	Nb	.....10	V	.....10
Dy	.....10	Nd	.....10	W	.....10
Er	.....10	Ni	.....10	Y	.....10
Eu	.....10	Pb	.....10	Yb	.....10
Fe	.....10	Pr	.....10	Zn	.....10
Ga	.....10	Rb	.....10	Zr	.....10

Analysis Type

Ag	.....1	Hf	.....0,1	Rh	.....1
Al	.....10	Hg	.....200	Ru	.....10
As	.....10	Ho	.....0,1	Sb	.....10
Au	.....5	In	.....1	Sc	.....2
Ba	.....5	K	.....10	Se	.....50
Be	.....5	La	.....0,1	Sm	.....1
Bi	.....0,1	Li	.....1	Sn	.....5
Ca	.....10	Lu	.....0,1	Sr	.....1
Cd	.....1	Mg	.....5	Tb	.....0,1
Ce	.....0,1	Mn	.....5	Te	.....1
Co	.....1	Mo	.....1	Th	.....0,1
Cr	.....5	Na	.....10	Ti	.....5
Cs	.....0,1	Nb	.....1	Tl	.....1
Cu	.....5	Nd	.....0,1	Tm	.....0,1
Dy	.....0,1	Ni	.....5	U	.....0,1
Er	.....0,1	Pb	.....2	V	.....2
Eu	.....0,1	Pd	.....20	W	.....5
Fe	.....10	Pr	.....0,1	Y	.....1
Ga	.....1	Pt	.....1	Yb	.....0,1
Gd	.....0,1	Rb	.....1	Zn	.....5
Ge	.....1	Re	.....1	Zr	.....1

Order code	Package	Units/Box st.
711128.0009	250 ml	6

Ammonia 20% (as NH₃) (TMA) HIPERPUR

NH₃

M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813

Signal Word: Danger



H314

1l-0,920kg 1kg-1,087l

SPECIFICATIONS:

Assay (Acidim.)20-22 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
 Chloride (Cl)0,00005 %
 Phosphate (PO₄)0,000001 %
 Sulphate (SO₄)0,0001 %

Metals by ICP (ppb)

Ag	.....0,5	Gd	.....0,1	Rh	.....0,5
Al	.....1	Ge	.....0,1	Sb	.....0,5
As	.....1	Hg	.....0,2	Sc	.....0,1
Au	.....0,5	Ho	.....0,1	Se	.....1
Ba	.....0,1	In	.....0,1	Sn	.....0,1
Be	.....0,1	K	.....1	Sm	.....0,5
Bi	.....0,1	La	.....0,1	Sr	.....0,1
Ca	.....1	Li	.....0,1	Tb	.....0,1
Cd	.....0,5	Lu	.....0,1	Te	.....0,1
Ce	.....0,1	Mg	.....1	Th	.....0,1
Co	.....0,5	Mn	.....0,5	Ti	.....0,5
Cr	.....0,5	Mo	.....0,5	Tl	.....0,1
Cs	.....0,1	Na	.....1	Tm	.....0,1
Cu	.....0,5	Nb	.....0,1	U	.....0,1
Dy	.....0,1	Nd	.....0,1	V	.....0,5
Er	.....0,1	Ni	.....0,5	W	.....0,1
Eu	.....0,1	Pb	.....0,1	Y	.....0,1
Fe	.....1	Pr	.....0,1	Yb	.....0,1
Ga	.....0,1	Rb	.....0,1	Zn	.....0,5
				Zr	.....0,1

Analysis Type

Ag	.....0,1	Hf	.....1	Rh	.....0,1
Al	.....0,5	Hg	.....0,2	Ru	.....1
As	.....0,1	Ho	.....0,1	Sb	.....0,1
Au	.....0,1	In	.....0,1	Sc	.....0,1
Ba	.....0,1	K	.....0,2	Se	.....0,1
Be	.....0,1	La	.....0,1	Sm	.....0,1
Bi	.....0,1	Li	.....0,1	Sn	.....0,1
Ca	.....0,5	Lu	.....0,1	Sr	.....0,1
Cd	.....0,1	Mg	.....0,2	Tb	.....0,1
Ce	.....0,1	Mn	.....0,2	Te	.....0,1
Co	.....0,1	Mo	.....0,1	Th	.....0,1
Cr	.....0,1	Na	.....0,5	Ti	.....0,1
Cs	.....0,1	Nb	.....0,1	Tl	.....0,1
Cu	.....0,5	Nd	.....0,1	Tm	.....0,1
Dy	.....0,1	Ni	.....0,2	U	.....0,1
Er	.....0,1	Pb	.....0,1	V	.....0,1
Eu	.....0,1	Pd	.....1	W	.....0,1
Fe	.....0,5	Pr	.....0,1	Y	.....0,1
Ga	.....0,1	Pt	.....1	Yb	.....0,1
Gd	.....0,1	Rb	.....0,1	Zn	.....0,5
Ge	.....0,1	Re	.....1	Zr	.....0,1

Order code	Package	Units/Box st.
721128.0010	500 ml	6

A

Ammonia 20% (as NH₃) PA

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger



H314

1l-0,920kg 1kg-1,087l

SPECIFICATIONS:

Minimum assay (Acidim.).....20 %*
 Density at 20/40,917-0,923*

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Non-volatile matter.....0,002 %
 Reducing substances to KMnO₄ (as O).....0,0008 %
 Pyridine and homologues.....0,0002 %
 Carbonate (as CO₂).....0,002 %
 Sulphur compounds (as SO₂).....0,0002 %
 Chloride (Cl).....0,00005 %
 Phosphate (PO₄).....0,0001 %
 Sulphide (S).....0,00001 %
 Heavy metals (as Pb).....0,00005 %
 As.....0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,02	Fe.....0,1	Pb.....0,05
Al.....0,5	Ga.....0,05	Pt.....0,1
Au.....0,1	Ge.....0,02	Sb.....0,02
B.....0,5	Hg.....0,1	Si.....0,2
Ba.....0,1	In.....0,05	Sn.....0,05
Be.....0,1	K.....1	Sr.....1
Bi.....0,05	Li.....0,02	Ti.....0,05
Ca.....1	Mg.....0,5	Tl.....0,02
Cd.....0,1	Mn.....0,1	V.....0,02
Co.....0,1	Mo.....0,02	Zn.....0,1
Cr.....0,05	Na.....2	Zr.....0,05
Cu.....0,1	Ni.....0,05	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
121128.1611	1000 ml	6
121128.1214	5 l	4
121128.0716	25 l	

Ammonia 20% (as NH₃) PRS

NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00 UN: 2672
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 813
 Signal Word: Danger



H314

1l-0,920kg 1kg-1,087l

SPECIFICATIONS:

Minimum assay (Acidim.).....20 %*
 Density at 20/40,917-0,923*

Non-volatile matter.....0,01 %
 Carbonate (as CO₂).....0,005 %
 Sulphur compounds (as SO₂).....0,001 %
 Chloride (Cl).....0,0005 %
 Phosphate (PO₄).....0,0005 %
 Ca.....0,001 %
 Cu.....0,0001 %
 Fe.....0,0001 %
 Mg.....0,001 %
 Ni.....0,0001 %
 Pb.....0,0001 %
 Zn.....0,0001 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141128.1611	1000 ml	6
141128.1612	2,5 l	4
141128.1214	5 l	4
141128.0716	25 l	
141128.0718	60 l	

Ammonia 1 mol/l (1N) SV

Indicator: Methyl Red
 NH₃
 M: 17,03 CAS: 1336-21-6 EINECS: 215-647-6 NC: 2814 20 00
 1l-0,992kg 1kg-1,008l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181132.1211	1000 ml	6

AMMONIA FIXATIVE SOLUTIONS

Ammonia Fixative Solution 4% RV

for the N determination in milk according to ISO 8968-2:2001 and 8968-3:2004
 NC: 3822 00 00

1l-1,015kg 1kg-0,985l

Composition:

Boric Acid.....40 g
 Indicator 5, Mixed.....3 ml
 Water s.q.m.....1000 ml

Order code	Package	Units/Box st.
286236.1211	1000 ml	6
286236.1214	5 l	4

Ammonia Fixative Solution 1% RV

for automatic analysis

NC: 3822 00 00

1l-1,002kg 1kg-0,998l

Composition:

Boric Acid.....1 g
 Methyl Red.....0,75 mg
 Bromocresol Green.....1 mg
 Ethanol absolute.....1,5 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
283334.1211	1000 ml	6
283334.1214	5 l	4
283334.0716	25 l	

Ammonia Titrations Fixing

(see Boric Acid solution 4%)

Ammonia Titrations Indicator

(see Indicator, mixed)

AMMONIUM SOLUTION

(see Standards for Ionic Chromatography)

Ammonium Acetate (Reag. Ph. Eur.) PA-ACS

CH₃COONH₄

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Acidim.).....97 %
 pH of 5% solution6,7-7,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
 Residue on ignition (as SO₂).....0,01 %
 Reducing substances to KMnO₄.....p/t.
 Chloride (Cl).....0,0005 %
 Phosphate (PO₄).....0,0005 %
 Nitrate (NO₃).....0,001 %
 Sulphate (SO₄).....0,001 %
 Heavy metals (as Pb).....0,0005 %
 Al.....0,0005 %
 Ca.....0,001 %
 Cu.....0,0005 %
 Fe.....0,0005 %
 Mg.....0,001 %
 Ni.....0,0005 %
 Pb.....0,0005 %

Order code	Package	Units/Box st.
131114.1210	500 g	6
131114.1211	1000 g	6
131114.0914	5 kg	4
131114.0416	25 kg	

A

Ammonium Acetate PRS

CH₃COONH₄

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Acidim.)	96 %
pH of 5% solution	6,5-7,5
Insoluble matter in H ₂ O	0,01 %
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,003 %
Phosphate (PO ₄)	0,001 %
Nitrate (NO ₃)	0,003 %
Sulphate (SO ₄)	0,003 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141114.1210	500 g	6
141114.1211	1000 g	6
141114.0914	5 kg	
141114.0416	25 kg	

Ammonium Acetate 1M buffered to pH=7, extractant solution RE

extractant reagent for soil analysis

CH₃COONH₄

M: 77,08 CAS: 631-61-8 EINECS: 211-162-9 NC: 2915 29 00

1l-1,015kg 1kg-0,985l

SPECIFICATIONS:

Titer 1,00±0,05

Order code	Package	Units/Box st.
175429.1211	1000 ml	6

Ammonium Alum

(see Aluminium Ammonium Sulphate 12-hydrate)

Ammonium Aluminium Sulphate

(see Aluminium Ammonium Sulphate 12-hydrate)

Ammonium Amidosulphonate

(see Ammonium Sulphamate)

Ammonium Benzoate PA-ACS

C₆H₅COONH₄

M: 139,16 CAS: 1863-63-4 EINECS: 217-468-9 NC: 2916 31 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %
pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,005 %
Chlorine compounds (as Cl)	0,01 %
Sulphur compounds (as S)	0,015 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,02 %
Reducing substances to KMnO ₄	p/t
Heavy metals (as Pb)	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag	1	Cr	5	Na	50
Al	5	Cu	5	Ni	5
As	1	Fe	5	Pb	5
Ba	5	K	50	Sr	5
Bi	5	Li	5	Tl	5
Ca	10	Mg	5	Zn	5
Cd	5	Mn	5		
Co	5	Mo	5		

Order code	Package	Units/Box st.
131115.1210	500 g	6

Ammonium Benzoate PRS

C₆H₅COONH₄

M: 139,16 CAS: 1863-63-4 EINECS: 217-468-9 NC: 2916 31 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H ₂ O	0,01 %
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,02 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141115.1210	500 g	6
141115.0914	5 kg	
141115.0416	25 kg	

Ammonium Bicarbonate

(see Ammonium Hydrogen Carbonate)

Ammonium Bifluoride

(see Ammonium Hydrogen di-Fluoride)

Ammonium Bisulphate

(see Ammonium Hydrogen Sulphate)

Ammonium Bromide PA-ACS

NH₄Br

M: 97,94 CAS: 12124-97-9 EINECS: 235-183-8 NC: 2827 59 00

SPECIFICATIONS:

Minimum assay (Arg) 99,0 %
pH of 5% solution 4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 100°C	0,2 %
Residue on ignition (as SO ₄)	0,01 %
Bromate (BrO ₃)	0,001 %
Chloride (Cl)	0,2 %
Sulphate (SO ₄)	0,005 %
Iodide (I)	p/t
Heavy metals (as Pb)	0,0005 %
Ba	0,002 %
Cu	0,0002 %
Fe	0,0001 %
Ni	0,0002 %
Pb	0,0002 %

Order code	Package	Units/Box st.
131118.1211	1000 g	6
131118.1214	5 kg	4
131118.0416	25 kg	

Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX

NH₄Br

M: 97,94 CAS: 12124-97-9 EINECS: 235-183-8 NC: 2827 59 00

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s 99-100,5 %
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	0,01 %
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO ₄)	0,1 %
Residual solvents (Ph.Eur.) (*)	
Acidity and alkalinity	p/t
Magnesium and alkaline-earth salts (as Ca)	0,02 %
Bromate	p/t
Chloride (Cl)	0,5 %
Sulphate (SO ₄)	0,01 %
Iodide (I)	p/t
Heavy metals (as Pb)	0,001 %
Ba	0,01 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

(*) Excluded by manufacturing process

Order code	Package	Units/Box st.
141118.1211	1000 g	6
141118.1214	5 kg	4
141118.0416	25 kg	

Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS

$-(NH_4)_2(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Minimum assay (as NH_3) (Acidim.) 30,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %

Non-volatile matter 0,01 %

Chloride (Cl) 0,0005 %

Sulphur compounds (as SO_4) 0,002 %

Phosphate (PO_4) 0,0005 %

Nitrate (NO_3) 0,001 %

Heavy metals (as Pb) 0,0005 %

As 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Ga 5	Se 5
Al 5	Ge 5	Si 10
Au 5	In 5	Sn 5
B 5	K 10	Sr 5
Ba 5	Mg 10	Ti 5
Be 5	Mn 5	Tl 5
Bi 5	Mo 5	V 5
Cd 5	Na 20	Zn 5
Co 5	Ni 5	Zr 5
Cr 5	Pb 5	
Cu 1	Pt 5	
Fe 1	Sb 5	

Order code	Package	Units/Box st.
131119.1210	500 g	6
131119.1211	1000 g	6
131119.0914	5 kg	

Ammonium Carbonate (USP-NF) PRS-CODEX

$-(NH_4)_2(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Assay (as NH_3) (Acidim.) 30,0-34,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,01 %

Residue on ignition (as SO_4) 0,1 %

Residual solvents (Ph.Eur./USP) p/t.

Chloride (Cl) 0,0035 %

Phosphate (PO_4) 0,001 %

Sulphate (SO_4) 0,005 %

Heavy metals (as Pb) 0,001 %

As 0,0004 %

Ca 0,01 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
141119.1210	500 g	6
141119.1211	1000 g	6
141119.0914	5 kg	
141119.0416	25 kg	

Ammonium Carbonate (E-503i, F.C.C.) ADITIO

$-(NH_4)_2(CO_3)_2H+NH_2COONH_4$

CAS: 10361-29-2 EINECS: 233-786-0 NC: 2836 99 17

SPECIFICATIONS:

Assay (as NH_3) 30,0-34,0 %

pH of 5% solution, about 8,6 p/t.

Chloride, not more than 0,003 %

Non-volatile residue, not more than 0,05 %

Sulphur compounds (as SO_4), not more than 0,005 %

Sulphate, not more than 30 ppm

Arsenic, not more than 3 ppm

Mercury, not more than 1 ppm

Lead, not more than 3 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201119.0914	5 kg	
201119.0416	25 kg	

Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.)

PA-ACS

$(NH_4)_2Ce(NO_3)_6$

M: 548,23 CAS: 16774-21-3 EINECS: 240-827-6 NC: 2846 90 00 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H319

SPECIFICATIONS:

Minimum assay (Oxydim.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in dil. H_2SO_4 0,05 %

Chloride (Cl) 0,01 %

Phosphate (PO_4) 0,02 %

Ca 0,001 %

Cd 0,0005 %

Co 0,0005 %

Cr 0,0005 %

Cu 0,0005 %

Fe 0,005 %

K 0,001 %

Mg 0,0005 %

Mn 0,0005 %

Na 0,001 %

Ni 0,0005 %

Pb 0,0005 %

Zn 0,0005 %

Order code	Package	Units/Box st.
134758.1208	100 g	6

Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$(NH_4)_2Ce(SO_4)_2 \cdot 2H_2O$

M: 632,55 CAS: 10378-47-9 EINECS: 231-567-4 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2SO_4 0,02 %

Chloride (Cl) 0,01 %

Phosphate (PO_4) 0,01 %

Heavy metals (as Pb) 0,005 %

Cu 0,003 %

Fe 0,005 %

K 0,01 %

Na 0,01 %

Ni 0,003 %

Pb 0,003 %

Order code	Package	Units/Box st.
132748.1208	100 g	6
132748.1209	250 g	6

Ammonium Cerium(IV) Sulphate 2-hydrate PRS

$(NH_4)_2Ce(SO_4)_2 \cdot 2H_2O$

M: 632,55 CAS: 10378-47-9 EINECS: 231-567-4 NC: 2846 90 00

SPECIFICATIONS:

Assay (Iodom.) 98 %

Chloride (Cl) 0,025 %

Phosphate (PO_4) 0,03 %

Cu 0,01 %

Fe 0,02 %

Ni 0,01 %

Pb 0,01 %

Order code	Package	Units/Box st.
142748.1208	100 g	6
142748.1209	250 g	6

Ammonium Chloride PA-ACS-ISO

NH₄Cl
M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00
Signal Word: Warning



H302-H319

SPECIFICATIONS:
Minimum assay (Arg) 99,5 %
pH of 5% solution 4,5-5,5

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,005 %
Residue on ignition (as SO₄) 0,01 %
Pyridine and homologues 0,001 %
Phosphate (PO₄) 0,0002 %
Nitrate (NO₃) 0,001 %
Sulphate (SO₄) 0,002 %
Iodide (I) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00005 %
Ca 0,001 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,0002 %
K 0,005 %
Mg 0,0005 %
Na 0,005 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
131121.1210	500 g	6
131121.1211	1000 g	6
131121.0914	5 kg	4
131121.0416	25 kg	

Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX

NH₄Cl
M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00
Signal Word: Warning



H302-H319

SPECIFICATIONS:
Assay (Arg.) calc. a.d.s 99,5-100,5 %
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,6-6,0

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t
Loss on drying at 100°C 0,5 %
Residue on ignition (as SO₄) 0,1 %
Residual solvents (Ph.Eur./USP) p/t
Acidity-alkalinity p/t
Bromide and iodide p/t
Phosphate (PO₄) 0,002 %
Sulphate (SO₄) 0,005 %
Thiocyanate p/t
Heavy metals (as Pb) 0,001 %
As 0,0001 %
Ca 0,02 %
Cu 0,001 %
Fe 0,002 %
Mg 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141121.1210	500 g	6
141121.1211	1000 g	6
141121.1214	5 kg	4
141121.0416	25 kg	

Ammonium Chloride (F.C.C.) ADITIO

NH₄Cl
M: 53,49 CAS: 12125-02-9 EINECS: 235-186-4 NC: 2827 10 00
Signal Word: Warning



H302-H319

SPECIFICATIONS:
Assay (as NH₄Cl) after drying, not less than 99,0 %
Loss on drying, not more than 0,5 %
Lead, not more than 4 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201121.0914	5 kg	
201121.0416	25 kg	

Ammonium Chlorocuprate(II)

(see Ammonium Copper(II) Chloride 2-hydrate)

Ammonium Chromate PA

(NH₄)₂CrO₄
M: 152,09 CAS: 7788-98-9 EINECS: 232-138-4 NC: 2841 50 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350i-H317-H410

SPECIFICATIONS:
Minimum assay (Iodometric) 99,5 %

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,05 %
Ca 0,005 %
Cu 0,001 %
Fe 0,002 %
K 0,05 %
Mg 0,005 %
Na 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
121124.1210	500 g	6
121124.1214	5 kg	4

Ammonium Chromate PRS

(NH₄)₂CrO₄
M: 152,09 CAS: 7788-98-9 EINECS: 232-138-4 NC: 2841 50 00 UN: 1479
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H350i-H317-H410

SPECIFICATIONS:
Assay (Iodom.) 99 %
Insoluble matter in H₂O 0,05 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,05 %
Cu 0,002 %
Fe 0,05 %
Pb 0,01 %

Order code	Package	Units/Box st.
141124.1210	500 g	6
141124.1214	5 kg	4

Ammonium Citrate di-Basic

(see di-Ammonium Hydrogen Citrate)

Ammonium Copper(II) Chloride 2-hydrate PRS

(NH₄)₂CuCl₂·2H₂O
M: 277,47 CAS: 10060-13-6 NC: 2827 39 85
Signal Word: Warning



H302

SPECIFICATIONS:
Assay (Iodom.) 98 %
Insoluble matter in H₂O 0,01 %
Sulphate (SO₄) 0,05 %
As 0,0005 %
Fe 0,01 %
Pb 0,005 %

Order code	Package	Units/Box st.
142749.1210	500 g	6
142749.1211	1000 g	6

Ammonium Dichromate moistened with 0,5 - 3,0% of H₂O PA-ACS

(NH₄)₂Cr₂O₇
M: 252,07 CAS: 7789-09-5 EINECS: 232-143-1 NC: 2841 50 00 UN: 1439
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H350-H340-H360FD-H330-H301-H372-H312-H314-H334-H317-H410

SPECIFICATIONS:
Minimum assay (Iodom.) a.d.s 99,5 %

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,005 %
Loss on drying at 105°C 0,5-3,0 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
Ca 0,002 %
Cu 0,001 %
Fe 0,002 %
K 0,005 %
Mg 0,002 %
Na 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
131125.1210	500 g	6
131125.1214	5 kg	4

Ammonium Dichromate moistened with 0,5-3,0% of H₂O PRS

(NH₄)₂Cr₂O₇

M: 252,07 CAS: 7789-09-5 EINECS: 232-143-1 NC: 2841 50 00 UN: 1439
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H350-H340-H360FD-H330-H301-H372-H312-H314-H334-H317-H410

SPECIFICATIONS:

Assay (Iodom.) a.d.s.....	99 %
Loss on drying at 105°C.....	3 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,05 %
Cu.....	0,005 %
Fe.....	0,005 %
Pb.....	0,01 %

Order code	Package	Units/Box st.
141125.1210	500 g	6
141125.1214	5 kg	
141125.0416	25 kg	

Ammonium Fluoride PA-ACS

NH₄F

M: 37,04 CAS: 12125-01-8 EINECS: 235-185-9 NC: 2826 19 10 UN: 2505
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Minimum assay (Acidim.)..... 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Residue on ignition (as SO ₄).....	0,01 %
Ammonium hydrogen bifluoride (F ₂ HNH ₄).....	0,5 %
Chloride (Cl).....	0,001 %
Hexafluorosilicate (F ₆ Si).....	0,1 %
Nitrate (NO ₃).....	0,002 %
Sulphate (SO ₄).....	0,005 %
Heavy metals (as Pb).....	0,0005 %
As.....	0,0002 %
Ca.....	0,01 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,002 %
Li.....	0,0005 %
Mg.....	0,0005 %
Mn.....	0,0005 %
Mo.....	0,0005 %
Na.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Sr.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
132351.1210	500 g	6
132351.1211	1000 g	6
132351.0914	5 kg	

Ammonium Fluoride PRS

NH₄F

M: 37,04 CAS: 12125-01-8 EINECS: 235-185-9 NC: 2826 19 10 UN: 2505
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.).....	95 %
Insoluble matter in H ₂ O.....	0,01 %
Residue on ignition (as SO ₄).....	0,05 %
Chloride (Cl).....	0,005 %
Nitrate (NO ₃).....	0,005 %
Sulphate (SO ₄).....	0,01 %
As.....	0,0005 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
142351.1210	500 g	6
142351.1211	1000 g	6
142351.0416	25 kg	

Ammonium Formate PRS

HCOONH₄

M: 63,06 CAS: 540-69-2 EINECS: 208-753-9 NC: 2915 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Perchl. Ac.)..... 95,0 %

Order code	Package	Units/Box st.
143482.1208	100 g	6
143482.1211	1000 g	6

Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA

(NH₄)HCO₃

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Residue on ignition (as SO ₄).....	0,05 %
Chloride (Cl).....	0,0005 %
Sulphur compounds (as SO ₄).....	0,002 %
Phosphate (PO ₄).....	0,0005 %
Nitrate (NO ₃).....	0,001 %
Sulphide.....	0,001 %
Heavy metals (as Pb).....	0,0005 %
As.....	0,0001 %
Ca.....	0,001 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0001 %
Fe.....	0,0005 %
K.....	0,001 %
Na.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
121116.1210	500 g	6
121116.1211	1000 g	6
121116.0914	5 kg	
121116.0416	25 kg	

Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX

(NH₄)HCO₃

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.)..... 98,0-101,0%

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Residual solvents (Ph.Eur./USP).....	p/t
Chloride (Cl).....	0,005 %
Phosphate (PO ₄).....	0,005 %
Sulphate (SO ₄).....	0,007 %
Sulphide.....	p/t
Heavy metals (as Pb).....	0,001 %
As.....	0,0002 %
Ca.....	0,01 %
Cu.....	0,001 %
Fe.....	0,001 %
Mg.....	0,01 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
141116.1210	500 g	6
141116.1211	1000 g	6
141116.0914	5 kg	
141116.0416	25 kg	

Ammonium Hydrogen Carbonate (E-503ii, F.C.C.)

ADITIO

(NH₄)HCO₃

M: 79,06 CAS: 1066-33-7 EINECS: 213-911-5 NC: 2836 99 17

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as NH ₄ HCO ₃)	99,0-100,5%
pH of 5% solution, about 8,0	p/t
Chloride, not more than	0,003 %
Non-volatile residue, not more than	0,05 %
Sulphur compounds (as SO ₄), not more than	0,007 %
Sulphate, not more than	30 ppm
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	3 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201116.0914	5 kg	
201116.0416	25 kg	

di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.)

PA-ACS

C₆H₅O₇(NH₄)₂H

M: 226,19 CAS: 3012-65-5 EINECS: 221-146-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.) 98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,01 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Oxalate (C ₂ O ₄)	0,05 %
Sulphur compounds (SO ₄)	0,005 %
Water (H ₂ O)	1,0 %
Heavy metals (as Pb)	0,0005 %
As	0,00001 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131120.1210	500 g	6
131120.1211	1000 g	6
131120.0914	5 kg	
131120.0416	25 kg	

di-Ammonium Hydrogen Citrate PRS

C₆H₅O₇(NH₄)₂H

M: 226,19 CAS: 3012-65-5 EINECS: 221-146-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H ₂ O	0,02 %
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,002 %
Phosphate (PO ₄)	0,005 %
Sulphur compounds (SO ₄)	0,005 %
Water (H ₂ O)	2 %
Heavy metals (as Pb)	0,005 %
As	0,00005 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,005 %
Fe	0,005 %
K	0,01 %
Na	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
141120.1210	500 g	6
141120.1211	1000 g	6
141120.0914	5 kg	
141120.0416	25 kg	

Ammonium Hydrogen di-Fluoride PRS

(NH₄)HF₂

M: 57,04 CAS: 1341-49-7 EINECS: 215-676-4 NC: 2826 19 90 UN: 1727

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H301-H314

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	4,0-6,5
Insoluble matter in H ₂ O	0,02 %
Chloride (Cl)	0,003 %
Sulphate (SO ₄)	0,05 %
Water (H ₂ O)	1 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141911.1210	500 g	6
141911.1211	1000 g	6
141911.0914	5 kg	
141911.0416	25 kg	

di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur)

PA-ACS

(NH₄)₂HPO₄

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Minimum assay (Acidim.) 98,0 %
pH of 5% solution 7,7-8,1

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Sulphur compounds (as SO ₄)	0,004 %
Chloride (Cl)	0,0005 %
Nitrate (NO ₃)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,001 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Mg	0,0005 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131127.1210	500 g	6
131127.1211	1000 g	6
131127.1214	5 kg	4
131127.0416	25 kg	

di-Ammonium Hydrogen Phosphate (USP)

PRS-CODEX

(NH₄)₂HPO₄

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Assay (Acidim.) 96,0-102,0%
Identity according to Pharmacopoeias p/t
pH of 1% solution 7,6-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %
Cu	0,001 %
Fe	0,003 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141127.1210	500 g	6
141127.1211	1000 g	6
141127.0914	5 kg	
141127.0416	25 kg	

di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO

(NH₄)₂HPO₄

M: 132,06 CAS: 7783-28-0 EINECS: 231-987-8 NC: 3105 30 00

SPECIFICATIONS:

Assay (NH₄)₂HPO₄) 96,0-102,0%
Arsenic (as As), not more than 3 ppm
Fluoride, not more than 10 ppm
Lead, not more than 4 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201127.0914	5 kg	
201127.0416	25 kg	

A

Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS

(NH₄)H₂PO₄

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Minimum assay (Acidim.)..... 98,0 %
pH of 5% solution 3,8-4,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Sulphur compounds (as SO₄) 0,005 %
Chloride (Cl)..... 0,0005 %
Nitrate (NO₃)..... 0,001 %
Heavy metals (as Pb)..... 0,0005 %
As 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag .....5	Ge .....5	Se .....5
Al .....5	Hg .....5	Si .....5
Au .....5	In .....5	Sn .....5
B .....5	K .....50	Sr .....5
Ba .....5	Li .....5	Ti .....5
Be .....5	Mg .....5	Tl .....5
Ca .....10	Mn .....5	V .....5
Cd .....5	Mo .....5	Zn .....5
Co .....5	Na .....50	Zr .....5
Cr .....5	Ni .....5	
Cu .....5	Pb .....5	
Fe .....5	Pt .....5	
Ga .....5	Sb .....5	

Order code	Package	Units/Box st.
131126.1210	500 g	6
131126.1211	1000 g	6
131126.1214	5 kg	4
131126.0416	25 kg	

Ammonium di-Hydrogen Phosphate PRS

(NH₄)H₂PO₄

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Assay (Acidim.)..... 96,0-102,0%
pH of 5% solution 3,8-4,4
Insoluble matter in H₂O..... 0,02 %
Chloride (Cl)..... 0,003 %
Nitrate (NO₃)..... 0,005 %
Heavy metals (as Pb)..... 0,001 %
As 0,0001 %
Cu 0,001 %
Fe 0,003 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141126.1210	500 g	6
141126.1211	1000 g	6
141126.1214	5 kg	4
141126.0416	25 kg	

Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO

(NH₄)H₂PO₄

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

SPECIFICATIONS:

Assay ((NH₄)H₂PO₄) 96,0-102,0%
Arsenic (as As), not more than 3 ppm
Fluoride, not more than 10 ppm
Lead, not more than 4 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201126.1214	5 kg	4

Ammonium Hydrogen Sulphate (Reag. USP) PA

NH₄HSO₄

M: 115,11 CAS: 7803-63-6 EINECS: 232-265-5 NC: 2833 29 90 UN: 2506

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

SPECIFICATIONS:

Minimum assay (Acidim.)..... 98,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Residue on ignition..... 0,005 %
Chloride (Cl)..... 0,0002 %
Phosphate (PO₄)..... 0,0003 %
Nitrate (NO₃)..... 0,001 %
Heavy metals (as Pb)..... 0,0002 %
Al 0,001 %
As 0,00002 %
Ca 0,001 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0001 %
Fe 0,0002 %
K 0,001 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,005 %
Ni 0,0001 %
Pb 0,0001 %
Zn 0,0001 %

Order code	Package	Units/Box st.
121117.1210	500 g	6
121117.1214	5 kg	4

Ammonium Hydrogen Sulphate PRS

NH₄HSO₄

M: 115,11 CAS: 7803-63-6 EINECS: 232-265-5 NC: 2833 29 90 UN: 2506

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

SPECIFICATIONS:

Assay (Acidim.)..... 98 %
Insoluble matter in H₂O..... 0,05 %
Chloride (Cl)..... 0,005 %
Phosphate (PO₄)..... 0,003 %
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
141117.1210	500 g	6
141117.0416	25 kg	

Ammonium Hydroxide

(see Ammonia)

Ammonium Iodide PA-ACS

NH₄I

M: 144,94 CAS: 12027-06-4 EINECS: 234-717-7 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay 99,5 %
pH of 5% solution 4,5-6,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Residue on ignition (as SO₄) 0,05 %
Chloride and bromide (as Cl)..... 0,005 %
Phosphate (PO₄)..... 0,001 %
Sulphate (SO₄)..... 0,002 %
Heavy metals (as Pb)..... 0,001 %
Ba 0,002 %
Ca 0,001 %
Cu 0,0001 %
Fe 0,0002 %
K 0,002 %
Na 0,002 %
Ni 0,0001 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131813.1609	250 g	6

A

Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) (Iodom.) calc. a.d.s. 16,5-18,5 %
Identity according to Pharmacopoeias p/t
pH of 10% solution 6,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t
Loss on drying at 105°C 6,0 %
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,05 %
Oxalate p/t
Sulphate (SO₄) 0,3 %
Tartrate p/t
Fe(III) not complexated p/t
Iron(III) Citrate p/t
Heavy metals (as Pb) 0,005 %
As 0,0004 %
Hg 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
142912.1211	1000 g	6

Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) 16,5-18,5 %
Sulphate, not more than 0,3 %
Lead, not more than 2 ppm
Mercury, not more than 1 ppm
Oxalate p/t
Fe(III) citrate p/t
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202912.1211	1 kg	6

Ammonium Iron(III) Citrate green PRS

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) (Iodom.) 14,5-16,0 %
Insoluble matter in H₂O p/t
Loss on drying at 105°C 6,0 %
Chloride (Cl) 0,05 %
Sulphate (SO₄) 1,5 %
Tartrate p/t
Fe(III) not complexated p/t
Heavy metals (as Pb) 0,005 %
As 0,0004 %

Order code	Package	Units/Box st.
142028.1211	1000 g	6

Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO

CAS: 1185-57-5 EINECS: 214-686-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (as Fe) 14,5-16,0 %
Sulphate, not more than 0,3 %
Lead, not more than 2 ppm
Mercury, not more than 1 ppm
Oxalate p/t
Iron(III) citrate p/t
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202028.1211	1 kg	6
202028.0914	5 kg	

Ammonium Iron(III) Oxalate 3-hydrate PRS

(NH₄)₂Fe(C₂O₄)₃·3H₂O

M: 428,07 CAS: 14221-47-7 EINECS: 238-090-0 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 98 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,02 %
Cu 0,005 %
Ni 0,005 %
Pb 0,005 %
Zn 0,01 %

Order code	Package	Units/Box st.
141364.1210	500 g	6
141364.0914	5 kg	

Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO

(NH₄)₂Fe(SO₄)₆·6H₂O

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

SPECIFICATIONS:

Assay (Perm.) 99,0-101,0 %
pH of 5% solution 3-5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂SO₄ 0,005 %
Non-precipitated by NH₄OH 0,1 %
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,002 %
Fe(III) 0,02 %

Metals by ICP [mg/Kg (ppm)]

Al	50
Ca	100
Cd	10
Co	50
Cu	10
Hg	10
K	100
Mg	50
Mn	200
Na	100
Pb	10
Sr	10
Zn	30

Order code	Package	Units/Box st.
131368.1210	500 g	6
131368.1211	1000 g	6
131368.1214	5 kg	4
131368.0416	25 kg	

Ammonium Iron(II) Sulphate 6-hydrate PRS

(NH₄)₂Fe(SO₄)₆·6H₂O

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

SPECIFICATIONS:

Assay (Perm.) 98-101 %
pH of 5% solution ≥3,5
Insoluble matter in H₂SO₄ 0,01 %
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,005 %

Order code	Package	Units/Box st.
141368.1210	500 g	6
141368.1211	1000 g	6
141368.1214	5 kg	4
141368.0416	25 kg	

AMMONIUM IRON(II) SULPHATE SOLUTIONS

Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV

for determination of COD. Indicator: Ferroin

(NH₄)₂Fe(SO₄)₆

M: 284,05 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

1l~1,045kg 1kg~0,957l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181369.1611	1000 ml	6

Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV

for determination of COD according to NFT 90-101/ISO 6060:1989/UNE 77-004-02. Indicator: Ferroin

(NH₄)₂Fe(SO₄)₆·6H₂O

M: 392,14 CAS: 7783-85-9 EINECS: 233-151-8 NC: 2833 29 90

1l~1,055kg 1kg~0,948l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
185227.1611	1000 ml	6

Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.)98,5-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Non-precipitated substances by NH_4OH	0,05 %
Chloride (Cl).....	0,0005 %
Nitrate (NO_3).....	0,01 %
Ca.....	0,01 %
Cu.....	0,002 %
Fe(II).....	0,001 %
K.....	0,005 %
Mg.....	0,001 %
Mn.....	0,005 %
Na.....	0,01 %
Pb.....	0,001 %
Zn.....	0,003 %

Order code	Package	Units/Box st.
131365.1210	500 g	6
131365.1211	1000 g	6
131365.0914	5 kg	
131365.0416	25 kg	

Ammonium Iron(III) Sulphate 12-hydrate PRS

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

M: 482,19 CAS: 7783-83-7 EINECS: 233-382-4 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.).....	97-102 %
Insoluble matter in H_2O	0,01 %
Chloride (Cl).....	0,01 %
Ca.....	0,03 %
Cu.....	0,005 %
Mg.....	0,03 %
Pb.....	0,005 %
Zn.....	0,01 %

Order code	Package	Units/Box st.
141365.1210	500 g	6
141365.1211	1000 g	6
141365.0914	5 kg	
141365.0416	25 kg	

Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV

Indicator: Starch

$\text{NH}_4\text{Fe}(\text{SO}_4)_2$

M: 266,19 CAS: 10138-04-2 EINECS: 233-382-4 NC: 2833 30 00

1l-1,025kg 1kg-0,976l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181367.1611	1000 ml	6

Ammonium Iron(III) Sulphate saturated solution

(see Alum Iron Ammonium)

Ammonium Lactate solution 70% w/w PS

$\text{C}_3\text{H}_5\text{NO}_3$

M: 107,11 CAS: 515-98-0 EINECS: 208-214-8 NC: 2918 11 00

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay (as Lactic Acid).....	58-64 %
Assay (as NH_3).....	8-12 %
Density at 20/4.....	1,16-1,19
Water (H_2O).....	28-32 %

Order code	Package	Units/Box st.
15B483.1208	100 ml	6
15B483.1211	1000 ml	6

Ammonium Metavanadate

(see Ammonium meta-Vanadate)

Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

M: 1235,86 CAS: 12027-67-7 EINECS: 234-722-4 NC: 2841 70 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as MoO_3) (Compl.).....	81,0-83,0 %
Minimum assay (Compl.).....	99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Chloride (Cl).....	0,002 %
Arsenates, phosphates and silicates (as SiO_2).....	0,001 %
Phosphate (PO_4).....	0,0005 %
Nitrate (NO_3).....	0,003 %
Sulphate (SO_4).....	0,02 %
Heavy metals (as Pb).....	0,001 %
Ca.....	0,005 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,002 %
Mg.....	0,005 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131134.1208	100 g	6
131134.1209	250 g	6
131134.1211	1000 g	6
131134.1214	5 kg	4
131134.0416	25 kg	

Ammonium Molybdate 4-hydrate (USP) PRS-CODEX

$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

M: 1235,86 CAS [12054-85-2] EINECS: 234-722-4 NC: 2841 70 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.).....	99,3-101,8%
Identity according to Pharmacopoeias.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,005 %
Residual solvents (Ph.Eur./USP).....	p/t.
Chloride (Cl).....	0,002 %
Arsenates, phosphates and silicates (as SiO_2).....	0,001 %
Phosphate (PO_4).....	0,0005 %
Nitrate (NO_3).....	p/t.
Sulphate (SO_4).....	0,02 %
Magnesium and other alkaline-earths.....	0,02 %
Heavy metals (as Pb).....	0,001 %
Ca.....	0,01 %
Cu.....	0,001 %
Fe.....	0,001 %
K.....	0,01 %
Mg.....	0,01 %
Na.....	0,01 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
141134.1208	100 g	6
141134.1209	250 g	6
141134.1211	1000 g	6
141134.1214	5 kg	4
141134.0416	25 kg	

di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.)

PA-ACS

(NH₄)₂(COO)₂·H₂O

M: 142,11 CAS: 6009-70-7 EINECS: 214-202-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.).....99,5-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
Residue on ignition (as SO₄).....0,02 %
Chloride (Cl).....0,001 %
Phosphate (PO₄).....0,001 %
Nitrate (NO₃).....0,001 %
Sulphate (SO₄).....0,002 %
Heavy metals (as Pb).....0,0005 %
As.....0,00002 %

Metals by ICP [mg/Kg (ppm)]

Al.....5	Ga.....5	Sb.....5
B.....5	Ge.....5	Se.....5
Be.....5	Hg.....5	Si.....5
Bi.....5	In.....5	Sn.....5
Ca.....10	Mg.....5	Sr.....5
Cd.....5	Mn.....5	Ti.....5
Co.....5	Mo.....5	Tl.....5
Cr.....5	Ni.....5	V.....5
Cu.....5	Pb.....5	Zn.....5
Fe.....2	Pt.....5	Zr.....5

Order code Package Units/Box st.

Order code	Package	Units/Box st.
131136.1210	500 g	6
131136.1211	1000 g	6
131136.0914	5 kg	
131136.0416	25 kg	

di-Ammonium Oxalate 1-hydrate PRS

(NH₄)₂(COO)₂·H₂O

M: 142,11 CAS: 6009-70-7 EINECS: 214-202-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.).....99 %
Insoluble matter in H₂O.....0,02 %
Residue on ignition (as SO₄).....0,1 %
Chloride (Cl).....0,005 %
Phosphate (PO₄).....0,01 %
Nitrate (NO₃).....0,005 %
Sulphate (SO₄).....0,01 %
As.....0,00005 %
Cu.....0,002 %
Fe.....0,002 %
Ni.....0,002 %
Pb.....0,002 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
141136.1210	500 g	6
141136.1211	1000 g	6
141136.0914	5 kg	
141136.0416	25 kg	

Ammonium Perchlorate PA

NH₄ClO₄

M: 117,50 CAS: 7790-98-9 EINECS: 232-235-1 NC: 2829 90 10 UN: 1442

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 512

Signal Word: Danger



H201-H271

SPECIFICATIONS:

Minimum assay (Acidim.).....99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,01 %
Chlorate and Nitrate.....p/t
Chloride (Cl).....0,003 %
Chloride and Chlorate (as Cl).....0,005 %
Sulphate (SO₄).....0,005 %
Heavy metals (as Pb).....0,001 %
Ca.....0,01 %
Cu.....0,001 %
Fe.....0,001 %
Ni.....0,001 %
Pb.....0,001 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
121137.1209	250 g	6
121137.1214	5 kg	4

Ammonium Perchlorate PRS

NH₄ClO₄

M: 117,50 CAS: 7790-98-9 EINECS: 232-235-1 NC: 2829 90 10 UN: 1442

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 512

Signal Word: Danger



H201-H271

SPECIFICATIONS:

Assay (Acidim.).....98 %
Insoluble matter in H₂O.....0,02 %
Chloride (Cl).....0,01 %
Chloride and Chlorate (as Cl).....0,01 %
Sulphate (SO₄).....0,01 %
Cu.....0,002 %
Fe.....0,002 %
Ni.....0,002 %
Pb.....0,002 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
141137.1209	250 g	6
141137.1214	5 kg	4

Ammonium Peroxodisulphate (Reag. Ph. Eur.)

PA-ACS

(NH₄)₂S₂O₈

M: 228,20 CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Minimum assay.....98,0 %*

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
Residue on ignition (as SO₄).....0,05 %
Acidity.....0,04 meq/g*
Chloride and Chlorate (as Cl).....0,001 %
Heavy metals (as Pb).....0,005 %
Ca.....0,01 %
Cd.....0,0005 %
Co.....0,0005 %
Cr.....0,0005 %
Cu.....0,0005 %
Fe.....0,001 %
K.....0,005 %
Mg.....0,005 %
Mn.....0,00005 %
Na.....0,01 %
Ni.....0,0005 %
Pb.....0,0005 %
Zn.....0,0005 %

*At the moment of the batch analysis

Order code Package Units/Box st.

Order code	Package	Units/Box st.
131138.1610	500 g	6
131138.1611	1000 g	6
131138.0416	25 kg	

Ammonium Peroxodisulphate PRS

(NH₄)₂S₂O₈

M: 228,20 CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Assay (Iodom.).....98 %*
Insoluble matter in H₂O.....0,02 %
Residue on ignition (as SO₄).....0,1 %
Chloride and Chlorate (as Cl).....0,005 %
Heavy metals (as Pb).....0,005 %
Cu.....0,005 %
Fe.....0,003 %
Ni.....0,005 %
Pb.....0,001 %

*At the moment of the batch analysis

Order code Package Units/Box st.

Order code	Package	Units/Box st.
141138.1610	500 g	6
141138.1611	1000 g	6
141138.1214	5 kg	4
141138.0416	25 kg	

Ammonium Persulphate

(see Ammonium Peroxodisulphate)

Ammonium Phosphate di-Basic

(see di-Ammonium Hydrogen Phosphate)

Ammonium Phosphate mono-Basic

(see Ammonium di-Hydrogen Phosphate)

Ammonium Polysulphide solution 25% w/w PRS

(NH₄)₂S₈

CAS: 9080-17-5 EINECS: 232-989-1 NC: 2830 90 85 UN: 2818

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



EUH031-H314-H400

1l-1,070kg 1kg-0,935l

SPECIFICATIONS:

Density at 20/4 1,065-1,090

Order code	Package	Units/Box st.
141139.1611	1000 ml	6
141139.0716	25 l	

Ammonium Purpurate

(see Murexide)

Ammonium Rhodanide

(see Ammonium Thiocyanate)

Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA

NaNH₂HPO₄·4H₂O

M: 209,07 CAS: 13011-54-6 EINECS: 235-860-8 NC: 2835 29 90

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH₄OH 0,01 %

Chloride (Cl) 0,002 %

Nitrate (NO₃) 0,002 %

Sulphate (SO₄) 0,01 %

Heavy metals (as Pb) 0,001 %

As 0,0001 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
121727.1210	500 g	6
121727.1211	1000 g	6
121727.0914	5 kg	
121727.0416	25 kg	

Ammonium Sulfocyanide

(see Ammonium Thiocyanate)

Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS

H₂NSO₃NH₂

M: 114,12 CAS: 7773-06-0 EINECS: 231-871-7 NC: 2842 90 80

SPECIFICATIONS:

Minimum assay 99,0 %

Melting range (including 133,0°C) 2°C

pH of 5% solution 5,0-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %

Loss on drying at 105°C 0,5 %

Residue on ignition (as SO₃) 0,05 %

Chloride (Cl) 0,001 %

Heavy metals (as Pb) 0,0005 %

Ca 0,001 %

Cd 0,0005 %

Co 0,0005 %

Cr 0,0005 %

Cu 0,0005 %

Fe 0,0005 %

K 0,005 %

Mg 0,0005 %

Mn 0,0005 %

Na 0,005 %

Ni 0,0005 %

Pb 0,0005 %

Zn 0,0005 %

Order code	Package	Units/Box st.
132750.1208	100 g	6
132750.1209	250 g	6
132750.0914	5 kg	

Ammonium Sulphamate

(see Ammonium Sulphamate)

Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO

(NH₄)₂SO₄

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %

pH of 5% solution 5,0-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %

Loss on drying at 100°C 0,1 %

Residue on ignition (as SO₃) 0,005 %

Chloride (Cl) 0,0005 %

Phosphate (PO₄) 0,0005 %

Nitrate (NO₃) 0,001 %

Heavy metals (as Pb) 0,0005 %

As 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag 5 Fe 5 Pb 5

Al 5 Ga 5 Pt 5

Au 5 Ge 5 Sb 5

B 5 Hg 5 Si 5

Be 5 In 5 Sn 5

Bi 5 K 50 Sr 5

Ca 20 Mg 20 Ti 5

Cd 5 Mn 5 Tl 5

Co 5 Mo 5 V 5

Cr 5 Na 50 Zn 5

Cu 5 Ni 5 Zr 5

Order code	Package	Units/Box st.
131140.1210	500 g	6
131140.1211	1000 g	6
131140.1214	5 kg	4
131140.0416	25 kg	

Ammonium Sulphate PA

for the N determination in milk according to ISO 8968-2:2001 and 8968-3:2004

(NH₄)₂SO₄

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00

SPECIFICATIONS:

Assay (N Deter.) 99,9-100,0 %

Order code	Package	Units/Box st.
121140.1208	100 g	6

Ammonium Sulphate PRS

(NH₄)₂SO₄

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00

SPECIFICATIONS:

Assay (Acidim.) 98,0 %

Residue on ignition (as SO₃) 0,25 %

Heavy metals (as Pb) 0,001 %

As 0,0003 %

Cu 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141140.1210	500 g	6
141140.1211	1000 g	6
141140.1214	5 kg	4
141140.0416	25 kg	

Ammonium Sulphate (E-517, F.C.C.) ADITIO

(NH₄)₂SO₄

M: 132,14 CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00

SPECIFICATIONS:

Assay (as (NH₄)₂SO₄) 99,0-100,5%

Residue on Ignition, not more than 0,25 %

Selenium, not more than 0,003 %

Lead, not more than 3 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201140.1214	5 kg	4
201140.0416	25 kg	

AMMONIUM SULPHIDE SOLUTIONS

Ammonium Sulphide solution 20% w/w PRS

(NH₄)₂S

M: 68,14 CAS: 12135-76-1 EINECS: 235-223-4 NC: 2830 90 85 UN: 2683

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



EUH031-H314

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Assay (Iodom.)	20 %
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,05 %
Ca	0,003 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,001 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
143299.1611	1000 ml	6
143299.0716	25 l	
143299.0718	60 l	

Ammonium Sulphide solution 10% w/v PRS

(NH₄)₂S

M: 68,14 CAS: 12135-76-1 EINECS: 235-223-4 NC: 2830 90 85 UN: 2683

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



EUH031-H314

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Assay (Iodom.)	10 %
Chloride (Cl)	0,05 %

Order code	Package	Units/Box st.
141145.1611	1000 ml	6
141145.0716	25 l	

Ammonium Sulphite 1-hydrate QP

(NH₄)₂SO₃·H₂O

M: 134,14 CAS: 10196-04-0 EINECS: 233-484-9 NC: 2832 20 00

Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:

Minimum assay (Iodom.)	92 %
Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,01 %

Order code	Package	Units/Box st.
211142.1608	100 g	6

di-Ammonium Tartrate PA

(CHOHCOONH₄)₂

M: 184,15 CAS: 3164-29-2 EINECS: 221-618-9 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
pH of 5% solution	6,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,05 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,001 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121146.1211	1000 g	6
121146.0914	5 kg	
121146.0416	25 kg	

di-Ammonium Tartrate PRS

(CHOHCOONH₄)₂

M: 184,15 CAS: 3164-29-2 EINECS: 221-618-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	6,5-7,0
Insoluble matter in H ₂ O	0,02 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,01 %
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141146.1211	1000 g	6

Ammonium Thiocyanate (Reag. Ph. Eur.)

PA-ACS-ISO

NH₄SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg.)	99,0 %
pH of 5% solution	4,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,025 %
Iodine-reducing substances	0,002 meq/g
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %
Sulphide (S)	0,001 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0001 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131143.1210	500 g	6
131143.1211	1000 g	6
131143.0914	5 kg	
131143.0416	25 kg	

Ammonium Thiocyanate PRS

NH₄SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Assay (Arg.)	99 %
pH of 5% solution	4,5-6,0
Insoluble matter in H ₂ O	0,02 %
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %
Sulphide (S)	0,005 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141143.1210	500 g	6
141143.1211	1000 g	6
141143.0914	5 kg	
141143.0416	25 kg	

AMMONIUM THIOCYANATE VOLUMETRIC SOLUTIONS

Ammonium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Ammoniacal Iron Alum

NH₄SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80

1l~1,001kg 1kg~0,999l

SPECIFICATIONS:

Titer	1,000 ±0,001
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Order code	Package	Units/Box st.
181144.1211	1000 ml	6

Ammonium Thiocyanate 0,1 mol (7,612g NH₄SCN) to prepare 1l of 0,1N solution SvC

CAS: 1762-95-4 EINECS: 217-175-6 NC: 2837 20 00

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303116.1920	1 ampoule	6

Ammonium Thiocyanate 1 mol/l (1N) SV

Indicator: Ammoniacal Iron Alum
NH₄SCN

M: 76,12 CAS: 1762-95-4 EINECS: 217-175-6 NC: 2842 90 80

1l-1,018kg 1kg-0,982l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182126.1211	1000 ml	6

Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS

NH₄VO₃

M: 116,98 CAS: 7803-55-6 EINECS: 232-261-3 NC: 2841 90 30 UN: 2859

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Redox)99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH₄OH0,01 %

Carbonate (CO₃)0,3 %

Chloride (Cl)0,005 %

Phosphate (PO₄)0,005 %

Sulphate (SO₄)0,01 %

Cu0,002 %

Fe0,002 %

Ni0,002 %

Pb0,002 %

Order code	Package	Units/Box st.
132352.1209	250 g	6
132352.1211	1000 g	6
132352.0914	5 kg	6

Ammonium meta-Vanadate PRS

NH₄VO₃

M: 116,98 CAS: 7803-55-6 EINECS: 232-261-3 NC: 2841 90 30 UN: 2859

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Assay (Redox)98 %

Insoluble matter in NH₄OH0,02 %

Chloride (Cl)0,05 %

Sulphate (SO₄)0,05 %

Cu0,005 %

Fe0,005 %

Ni0,005 %

Pb0,005 %

Order code	Package	Units/Box st.
142352.1209	250 g	6
142352.1211	1000 g	6
142352.1214	5 kg	6

Ammonium mono-Vanadate

(see Ammonium meta-Vanadate)

iso-Amyl Acetate

(see Isoamyl Acetate)

Amyl Alcohol according to NF V 04-210 PA

for determination of fat in milk

C₅H₁₂O

M: 88,15 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l-0,813kg 1kg-1,230l

SPECIFICATIONS:

Minimum assay (G.C.) (as 3-Methyl-1-Butanol +

2-Methyl-1-Butanol)98 %

Assay (G.C.) (as 3-Methyl-1-Butanol)89-93 %

Assay (G.C.) (as 2-Methyl-1-Butanol)7-11 %

Density at 20/40,808-0,818

Distillation range128-132°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter0,005 %

Furfuraldehyde and other organic impuritiesp/t.

Fatp/t.

Water (H₂O)0,5 %

Order code	Package	Units/Box st.
125715.1611	1000 ml	6

Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA

for determination of fat in cheese

C₅H₁₂O

M: 88,15 NC: 2905 19 00 E.C.: 603-006-00-7 UN: 1105 ADR: 3/III

IMDG: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)

Signal Word: Warning



H226-H332-H335-EUH066

1l-0,813kg 1kg-1,230l

SPECIFICATIONS:

Minimum assay (G.C.) (as 1-Pentanol + 2-Methyl-1-Butanol)98 %

Density at 20/40,808-0,818

Distillation range128-138°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter0,005 %

Furfuraldehyde and other organic impuritiesp/t.

Fatp/t.

Water (H₂O)0,5 %

Order code	Package	Units/Box st.
126946.1611	1000 ml	6

n-Amyl Alcohol

(see 1-Pentanol)

iso-Amyl Alcohol

(see 3-Methyl-1-Butanol)

iso-Amyl Alcohol according to Gerber

(see 3-Methyl-1-Butanol according to Gerber)

4-Amylbenzoyl Chloride

(see 4-Pentylbenzoyl Chloride)

Amyl Bromide

(see 1-Bromopentane)

iso-Amyl Nitrite

(see Isoamyl Nitrite)

Aniline (Reag. Ph. Eur.) PA-ACS

C₆H₅NH₂

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l-1,022kg 1kg-0,978l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 1,021-1,023

MAXIMUM LIMIT OF IMPURITIES

APHA colour 250
Residue on ignition 0,005 %
Chlorobenzene (G.C.) 0,01 %
Hydrocarbons p/t
Nitrobenzene (G.C.) 0,001 %
Water (H₂O) 0,1 %
Ca 0,00005 %
Cd 0,000005 %
Co 0,000002 %
Cr 0,000002 %
Cu 0,000002 %
Fe 0,00001 %
Mg 0,00001 %
Mn 0,00002 %
Ni 0,000002 %
Pb 0,00001 %
Zn 0,00001 %

Order code	Package	Units/Box st.
131156.1609	250 ml	6

Aniline PRS

C₆H₅NH₂

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l-1,022kg 1kg-0,978l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 1,021-1,023
Residue on ignition 0,01 %
Nitrobenzene (G.C.) 0,01 %
Water (H₂O) 0,2 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
141156.1611	1000 ml	6
141156.1214	5 l	4
141156.0718	60 l	4

Aniline, 99% PS

C₆H₅NH₂

M: 93,13 CAS: 62-53-3 EINECS: 200-539-3 NC: 2921 41 00 UN: 1547
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H351-H318-H317-H372-H341-H400

1l-1,022kg 1kg-0,978l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t

Order code	Package	Units/Box st.
151156.1611	1000 ml	6
151156.1612	2,5 l	4

Aniline Blue WS (C.I. 42755) DC

for microscopy, collagen staining

C₂₂H₁₆N₂Na₂O₉S₃

M: 737,74 CAS: 28631-66-5 EINECS: 249-113-9 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t
λ of max. ABS in H₂O 585-595 nm
Ratio λmax. P ± 15 nm 1,00-1,03
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10 %

Order code	Package	Units/Box st.
253708.1604	5 g	6
253708.1606	25 g	6

Aniline Hydrochloride

(see Anilinium Chloride)

Anilinium Chloride PA

C₆H₅NH₂.HCl

M: 129,60 CAS: 142-04-1 EINECS: 205-519-8 NC: 2921 41 00 UN: 1548
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H351-H341-H331-H311-H301-H318-H317-H400-H372

SPECIFICATIONS:

Minimum assay (Arg) 99,0 %
Identity IR p/t
Melting range 197-199°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t
Residue on ignition (as SO₂) 0,05 %
Sulphate (SO₄) 0,01 %
Cu 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
121157.1610	500 g	6

Anilinium Chloride, 99% PS

C₆H₅NH₂.HCl

M: 129,60 CAS: 142-04-1 EINECS: 205-519-8 NC: 2921 41 00 UN: 1548
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H351-H341-H331-H311-H301-H318-H317-H400-H372

SPECIFICATIONS:

Assay 99 %
Identity IR p/t
Melting range 197-199°C

Order code	Package	Units/Box st.
151157.1608	100 g	6
151157.1610	500 g	6

p-Anisaldehyde

(see 4-Methoxybenzaldehyde)

p-Anisic Acid

(see 4-Methoxybenzoic Acid)

Anisic Aldehyde

(see 4-Methoxybenzaldehyde)

Anisole, 99% PS

C₇H₈O

M: 108,14 CAS: 100-66-3 EINECS: 202-876-1 NC: 2909 30 90 UN: 2222
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l-0,993kg 1kg-1,006l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,993-0,994

Order code	Package	Units/Box st.
15A716.1611	1000 ml	6

9,10-Anthracenedione

(see Anthraquinone)

9-Anthracenemethanol, 98% PS

C₁₈H₁₂O
 M: 208,26 CAS: 1468-95-7 EINECS: 215-998-5 NC: 2906 29 00
 SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A137.1604	5 g	6

Anthranilic Acid

(see 2-Aminobenzoic Acid)

Anthraquinone, 98% PS

C₁₄H₈O₂
 M: 208,22 CAS: 84-65-1 EINECS: 201-549-0 NC: 2914 61 00
 SPECIFICATIONS:
 Minimum assay (Spectrophotometric) 98 %
 Identity IR p/t
 Melting range 283-286°C

Order code	Package	Units/Box st.
15A718.1209	250 g	6
15A718.1210	500 g	6
15A718.0914	5 kg	

Anthrone (Reag. Ph. Eur.) PA-ACS

C₁₄H₁₀O
 M: 194,22 CAS: 90-44-8 EINECS: 201-994-0 NC: 2914 39 00
 SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t
 Melting range 154,5-157,5°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in CH₃COOC₂H₅ p/t.
 Insoluble matter in Cl₂C p/t.
 Loss on drying at 105°C 0,5 %
 Sensitivity to carbohydrates p/t.
 Absorbance p/t.
 Anthranol p/t.
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %
 Sn 0,005 %

Order code	Package	Units/Box st.
132441.1605	10 g	6
132441.1606	25 g	6

Anthrone, 98% PS

C₁₄H₁₀O
 M: 194,22 CAS: 90-44-8 EINECS: 201-994-0 NC: 2914 39 00
 SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
162441.1606	25 g	6
162441.1608	100 g	6

Antimony metal, pieces QP

Sb
 M: 121,75 CAS: 7440-36-0 EINECS: 231-146-5 NC: 8110 90 00
 SPECIFICATIONS:
 Bi 0,05 %
 Cd 0,05 %
 Cu 0,05 %
 Fe 0,25 %
 Ni 0,1 %
 Pb 0,5 %
 Sn 0,1 %
 Zn 0,05 %

Order code	Package	Units/Box st.
212722.1208	100 g	6

ANTIMONY SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Antimony(III) Chloride, 98% PS

SbCl₃
 M: 228,11 CAS: 10025-91-9 EINECS: 233-047-2 NC: 2827 39 85 UN: 1733
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314-H411

SPECIFICATIONS:
 Assay 98 %
 Identity p/t.

Order code	Package	Units/Box st.
151815.1608	100 g	6
151815.1610	500 g	6

Antimony(III) Oxide PA

Sb₂O₃
 M: 291,50 CAS: 1309-64-4 EINECS: 215-175-0 NC: 2825 80 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H351

SPECIFICATIONS:
 Minimum assay (Iodom.) 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in HCl 0,05 %
 Chloride (Cl) 0,05 %
 Sulphate (SO₄) 0,01 %
 Ca 0,005 %
 Cu 0,005 %
 Fe 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
121158.1208	100 g	6
121158.1211	1000 g	6
121158.1214	5 kg	4

Antimony(III) Oxide QP

Sb₂O₃
 M: 291,50 CAS: 1309-64-4 EINECS: 215-175-0 NC: 2825 80 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H351

SPECIFICATIONS:
 Assay (Iodom.) 98 %
 Fe 0,01 %
 Pb 0,2 %

Order code	Package	Units/Box st.
211158.1211	1000 g	6

Antimony(III) Potassium Tartrate

(see Potassium Antimony(III) Tartrate 3-hydrate)

APDC

(see 1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt)

AQUAMETRIC, KARL FISCHER'S REAGENTS WITHOUT PYRIDINE

AQUAMETRIC Buffer RV

working medium for volumetric Karl Fischer titrations.
 Buffer capacity 5 mmol acid/ml
 NC: 3822 00 00 UN: 3286
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H314-H370

1l-0,958kg 1kg-1,044l
 SPECIFICATIONS:
 Suitability for H₂O determination p/t.
 Protect from moisture.
 Close the bottle immediately after use.

Order code	Package	Units/Box st.
285820.1610	500 ml	6

AQUAMETRIC Composite 2RV

for volumetric Karl Fischer titrations. One-component reagent.
1 ml corresponds to 2 mg of H₂O
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,110kg 1kg~0,901l

SPECIFICATIONS:

1 ml corresponds to: min. 2,0 mg of H₂O*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285813.1611	1000 ml	6
285813.1612	2,5 l	4

AQUAMETRIC Composite 5 RV

for volumetric Karl Fischer titrations. One-component reagent.
1 ml corresponds to ~5 mg of H₂O
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,170kg 1kg~0,855l

SPECIFICATIONS:

1 ml corresponds to: min. 5,0 mg of H₂O*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285812.1610	500 ml	6
285812.1611	1000 ml	6
285812.1612	2,5 l	4

AQUAMETRIC Composite 5K RV

for volumetric Karl Fischer titrations in ketones and aldehydes.
One-component reagent. 1 ml corresponds to ~5 mg of H₂O
NC: 3822 00 00 UN: 1760
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Danger



H332-H312-H302-H314-H411

1l~1,170kg 1kg~0,855l

SPECIFICATIONS:

1 ml corresponds to: min. 5,0 mg of H₂O*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285814.1610	500 ml	6
285814.1611	1000 ml	6

AQUAMETRIC Coulomat A RV

anolyte for the coulometric determination of water. Use with AQUAMETRIC Coulomat C
NC: 3822 00 00 UN: 3286
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H314-H370-H351-H373-H371

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Contains: Methanol, Trichloromethane, Imidazole, Sulphur Dioxide, Iodine.

Order code	Package	Units/Box st.
286181.1610	500 ml	6

AQUAMETRIC Coulomat C RV

catholyte for the coulometric determination of water. Use with AQUAMETRIC Coulomat A
NC: 3822 00 00 UN: 3286
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H314-H370-H351-H361 d-H372-EUH059

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Contains: Methanol, Iodine, Sulphur Dioxide, Diethanolamine, Carbon Tetrachloride.

Order code	Package	Units/Box st.
286182.1606	25 ml	6

AQUAMETRIC Formamide KF dry

(see Formamide AQUAMETRIC KF dry)

AQUAMETRIC Solvent RV

for volumetric Karl Fischer titrations. Use with AQUAMETRIC Titrant
NC: 3822 00 00 UN: 3286
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H314-H370

1l~0,877kg 1kg~1,140l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Protect from moisture.

Close the bottle immediately after use.

Order code	Package	Units/Box st.
285817.1611	1000 ml	6
285817.1612	2,5 l	4

AQUAMETRIC Solvent CM RV

for volumetric Karl Fischer titrations in oils and fats. Use with AQUAMETRIC Titrant
NC: 3822 00 00 UN: 2810
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
Signal Word: Danger



H331-H311-H301-H319-H335-H315-H370-H351

1l~1,277kg 1kg~0,783l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Protect from moisture.

Close the bottle immediately after use.

Order code	Package	Units/Box st.
285819.1611	1000 ml	6
285819.1612	2,5 l	4

AQUAMETRIC Solvent Oil RV

for volumetric Karl Fischer titrations in oils. Free from halogenated hydrocarbons. Use with AQUAMETRIC Titrant
NC: 3822 00 00 UN: 1993
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302

1l~0,833kg 1kg~1,200l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Protect from moisture.

Close the bottle immediately after use.

Order code	Package	Units/Box st.
285818.1611	1000 ml	6

AQUAMETRIC Solvent Oil B RV

for volumetric Karl Fischer titrations in used industrial oils. Use with AQUAMETRIC Composite 5
NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H315-H351-H370-H373-H411-H361f-H304-H336

1l~0,967kg 1kg~1,034l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Protect from moisture.

Close the bottle immediately after use.

Order code	Package	Units/Box st.
286154.1611	1000 ml	6

AQUAMETRIC Titrant 2 RV

for volumetric Karl Fischer titrations. 1 ml corresponds to min. 2,0 mg of H₂O (20°C). Use with AQUAMETRIC Solvent
NC: 3822 00 00 UN: 1992
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370-H411

1l~0,80kg 1kg~1,25l

SPECIFICATIONS:

1 ml corresponds to: min. 2,0 mg of H₂O (20°C)*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285816.1610	500 ml	6
285816.1611	1000 ml	6
285816.1612	2,5 l	4

AQUAMETRIC Titrant 5 RV

for volumetric Karl Fischer titrations. 1 ml corresponds to min. 5,0 mg of H₂O (20°C) Use with AQUAMETRIC Solvent
 NC: 3822 00 00 UN: 1992
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370-H411

1l-0,85kg 1kg-1,18l

SPECIFICATIONS:

1 ml corresponds to: min. 5,0 mg of H₂O(20°C)*

Protect from moisture.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
285815.1610	500 ml	6
285815.1611	1000 ml	6
285815.1612	2,5 l	4

AQUAMETRIC Working Medium RV

for volumetric Karl Fischer titrations in ketones and aldehydes.
 Use with AQUAMETRIC Composite 5K

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H330-H310-H300-H315-H351-H373

1l-1,356kg 1kg-0,737l

SPECIFICATIONS:

Suitability for H₂O determination p/t.

Protect from moisture.

Order code	Package	Units/Box st.
285821.1610	500 ml	6
285821.1611	1000 ml	6

Arabic Gum powder PRS

CAS: 9000-01-5 EINECS: 232-519-5 NC: 1301 20 00

SPECIFICATIONS:

Identity IR p/t.
 Insoluble matter in HCl 0,5 %
 Residue on ignition 5 %
 Loss on drying at 105°C 15 %
 Starch and Dextrins p/t.
 Saccharose and Fructose p/t.
 Tannins p/t.
 As 0,0003 %
 Cu 0,002 %
 Fe 0,01 %
 Ni 0,002 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142061.1210	500 g	6
142061.1211	1000 g	6
142061.0914	5 kg	

Arabic Gum powder (E-414, F.C.C.) ADITIO

CAS: 9000-01-5 EINECS: 232-519-5 NC: 1301 20 00

SPECIFICATIONS:

Arsenic (as As), not more than 3 ppm
 Heavy metals (as Pb), not more than 0,002 %
 Lead, not more than 5 ppm
 Starch and Dextrin p/t.
 Tannin p/t.
 Insoluble matter, not more than 1,0 %
 Ash (acid-insoluble), not more than 0,5 %
 Ash (total), not more than 4,0 %
 Loss on drying, not more than 15,0 %
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Products obtained from hydrolysis
 (mannose, xylose, galacturonic acid) absence
 Escherichia coli (in 5 g) absence
 Salmonella (in 10 g) absence
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202061.0914	5 kg	
202061.0416	25 kg	

L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₄N₄O₂

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) calc. a.d.s. 98,5-101,0 %
 Identity according to Pharmacopoeias p/t.
 T.L.C p/t.
 Specific rotation [α]_D²⁰ c=8 (in HCl 6 mol/l) calc. a.d.s. +26,3 to +27,6°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonia (NH₃) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Fe 0,001 %
 Residual metals ICP
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
143464.1208	100 g	6
143464.1211	1000 g	6

L-Arginine (F.C.C.) ADITIO

C₆H₁₄N₄O₂

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (C₆H₁₄N₄O₂) calc. a.d.s. 99,5-101,5 %
 Appearance p/t
 Identity:
 IR spectrum p/t.
 Lead, not more than 5 ppm
 Loss on drying, not more than 1,0 %
 Residue on ignition, not more than 0,2 %
 Specific rotation [α]_D²⁰ calc. a.d.s. +26,0 to +27,9°
 Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
203464.0914	5 kg	
203464.0416	25 kg	

L-Arginine, 99% PS

C₆H₁₄N₄O₂

M: 174,20 CAS: 74-79-3 EINECS: 200-811-1 NC: 2925 29 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
153464.1606	25 g	6
153464.1608	100 g	6
153464.1610	500 g	6

L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₅ClN₄O₂

M: 210,66 CAS: 1119-34-2 EINECS: 214-275-1 NC: 2925 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s	98,5-101,0%
Assay (in Cl) (Arg.)	16,5-17,1 %
Identity according to Pharmacopoeias	p/t
T.L.C.	p/t
Specific Rotation $[\alpha]_D^{20}$ c=8 (in HCl 6 mol/l) calc. a.d.s	+21,4 to +23,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	p/t
Loss on drying at 105°C	0,2 %
Residue on ignition (as SO ₂)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Sulphate (SO ₄)	0,03 %
Ammonium (NH ₄)	0,02 %
Heavy metals (as Pb)	0,001 %
As	0,00015 %
Fe	0,001 %
Residual metals ICP:	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
144653.1209	250 g	6
144653.1211	1000 g	6

Arsenazo III (Reag. USP) PA

for complexometry

C₂₂H₁₈As₂N₄O₁₄S₂

M: 776,38 CAS: 1668-00-4 EINECS: 216-788-6 NC: 2931 00 95 UN: 3465

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Identity	IR p/t
λ of max. ABS in pH 10,0 solution	572-578 nm
A 1%, 1 cm, λ max.	>300

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH	p/t
Loss on drying at 135°C	10 %
Suitability as indicator	p/t

Order code	Package	Units/Box st.
122370.1603	1 g	6

ARSENIC SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Arsenic(III) Oxide EQP-ACS

Primary Chemical Matter

As₂O₃

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Assay (Redox) after dried at 105°C	99,95-100,05%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Residue on ignition	0,02 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,001 %
Heavy metals (as Pb)	0,001 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cr	0,001 %
Cu	0,001 %
Fe	0,0005 %
K	0,005 %
Mg	0,005 %
Mn	0,001 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %
Sb	0,05 %
Zn	0,001 %

Order code	Package	Units/Box st.
241151.1521	10 x 1,5 g	6
241151.1608	100 g	6

Arsenic(III) Oxide (Reag. Ph. Eur.) PA

As₂O₃

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH ₄ OH	0,01 %
Residue on ignition	0,05 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,001 %
Cd	0,001 %
Co	0,001 %
Cr	0,001 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Mg	0,005 %
Mn	0,001 %
Na	0,005 %
Ni	0,001 %
Pb	0,001 %
Sb	0,05 %
Zn	0,001 %

Order code	Package	Units/Box st.
121151.1210	500 g	6
121151.1211	1000 g	6
121151.1214	5 kg	4
121151.0716	25 kg	

Arsenic(III) Oxide PRS

As₂O₃

M: 197,84 CAS: 1327-53-3 EINECS: 215-481-4 NC: 2811 29 10 UN: 1561

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H300-H314-H410

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in NH ₄ OH	0,02 %
Residue on ignition	0,1 %
Chloride (Cl)	0,005 %
Sulphide (S)	0,005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %
Sb	0,1 %

Order code	Package	Units/Box st.
141151.1210	500 g	6
141151.1211	1000 g	6

Arsenious anhydride

(see Arsenic(III) Oxide)

Arzene

(see Phenylarsine Oxide)

L(+)-Ascorbic Acid PA-ACS

C₆H₈O₆

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
Identity	IR p/t
Melting range	188-192°C
Specific rotation $[\alpha]_D^{20}$ c=10 (in H ₂ O)	+20,5 to +21,5°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Loss on drying at 105°C	0,1 %
Residue on ignition (as SO ₂)	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,002 %
Heavy metals (as Pb)	0,001 %
Cu	0,00003 %
Fe	0,0002 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131013.1208	100 g	6
131013.1209	250 g	6
131013.1211	1000 g	6
131013.1214	5 kg	4
131013.0416	25 kg	

L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

C₆H₈O₆

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Assay (Iodom.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t.
 Specific rotation [α]_D²⁰/D c=10 (in H₂O) +20,5 to+21,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Residue on ignition (as SO₂) 0,1 %
 Oxalic acid 0,2 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,025 %
 Sulphate (SO₄) 0,01 %
 Related substances:
 D-Sorbosonic Acid 0,1 %
 Methyl-D-Sorbosonate 0,15 %
 Other impurities 0,10 %
 Total impurities 0,2 %
 Heavy metals (as Pb) 0,001 %
 Cu 0,0005 %
 Fe 0,0002 %

Order code	Package	Units/Box st.
141013.1211	1000 g	6
141013.1214	5 kg	4

L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO

C₆H₈O₆

M: 176,13 CAS: 50-81-7 EINECS: 200-066-2 NC: 2936 27 00

SPECIFICATIONS:

Assay (as C₆H₈O₆) (after drying) 99,0-100,5%
 Arsenic (as As), not more than 3 ppm
 Lead, not more than 2 ppm
 Heavy metals (as Pb), not more than 0,001 %
 Residue on ignition, not more than 0,1 %
 Specific rotation [α]_D²⁰/D +20,5 to+21,5°
 pH of 2% solution 2,4-2,8
 Loss on drying, not more than 0,4 %
 Melting range 189-193°C
 Mercury (Hg), not more than 1 ppm
 Insoluble matter in H₂O at 20°C, not more than 0,003 %
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201013.1214	5 kg	4
201013.0416	25 kg	

L-Asparagine 1-hydrate, 99% PS

C₄H₈N₂O₃·H₂O

M: 150,13 CAS: 5794-13-8 EINECS: 200-735-9 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15B089.1606	25 g	6
15B089.1609	250 g	6

L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

C₄H₇NO₄

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 98,5-101,5 %
 Identity according to Pharmacopoeias p/t.
 T.L.C. p/t.
 Specific rotation [α]_D²⁰/D c=8 (in HCl 7 mol/l) (calc. a.d.s.) +24,0 to +26,0°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in HCl 1 mol/l p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142034.1210	500 g	6

L-Aspartic Acid (F.C.C.) ADITIO

C₄H₇NO₄

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Assay (as C₄H₇NO₄) calc. a.d.s. 98,5-101,5%
 Heavy metals (as Pb), not more than 10 ppm
 Lead, not more than 5 ppm
 Loss on drying, not more than 0,25 %
 Residue on ignition, not more than 0,1 %
 Specific rotation [α]_D²⁰/D calc. a.d.s. +24,5 to +26,0°
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202034.0914	5 kg	

L-Aspartic Acid, 99% PS

C₄H₇NO₄

M: 133,10 CAS: 56-84-8 EINECS: 200-291-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
162034.1208	100 g	6
162034.1210	500 g	6

DL-Aspartic Acid PRS

C₄H₇NO₄

M: 133,10 CAS: 617-45-8 EINECS: 210-513-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.) 99 %
 Identity IR p/t.
 Insoluble matter in HCl 1 mol/l 0,05 %
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142422.1210	500 g	6

DL-Aspartic Acid (F.C.C.) ADITIO

C₄H₇NO₄

M: 133,10 CAS: 617-45-8 EINECS: 210-513-3 NC: 2922 49 95

SPECIFICATIONS:

Assay (as C₄H₇NO₄) calc. a.d.s. 98,5-101,5%
 Lead, not more than 5 ppm
 Loss on drying, not more than 0,3 %
 Residue on ignition, not more than 0,1 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202422.0914	5 kg	

ATOMIC ABSORPTION STANDARDS

(see Standards for Atomic Absorption)

Auramine O (C.I. 41000) DC

for microscopy, fluorescent staining

C₁₇H₂₂ClN₃

M: 303,84 CAS: 2465-27-2 EINECS: 219-567-2 NC: 3204 13 00 UN: 3143

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H351-H411

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in H₂O 429-433 nm
 A 1%; 1cm; λ_{max} >900
 Ratio λ_{max}. P ± 15 nm 1,02-1,10
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
251162.1607	50 g	6
251162.1608	100 g	6

Aurine

(see Rosolic Acid)

Azidiol RE

for preserving milk samples

NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H301-H413

1l-1,035kg 1kg-0,966l

Composition:

Chloramphenicol	0,75 g
Ethanol absolute.....	10 ml
Bromophenol Blue.....	0,35 g
Sodium Azide	18 g
tri-Sodium Citrate 5,5-hydrate	45 g
Water s.q.m.	1000 ml

Order code	Package	Units/Box st.
176131.1611	1000 ml	6

Azomethine H (Reag. Ph. Eur.) PA

boron reagent

C₁₇H₁₃NO₈S₂

M: 423,42 CAS: 32266-60-7 EINECS: 250-975-3 NC: 2925 29 00

SPECIFICATIONS:

Identity..... IR p/t.

A 1%; 1 cm; λ₂₃₆ nm; at pH 5,1..... >1200

MAXIMUM LIMIT OF IMPURITIES

Sensitivity to B..... p/t.

Order code	Package	Units/Box st.
123581.1604	5 g	6
123581.1605	10 g	6

Azorubin S

(see Amaranth)

Azoviolet

(see Magneson I)

Azur II (C.I. 52010+52015) DC

for microscopy, blood smears staining

CAS: 37247-10-2 NC: 3204 13 00

SPECIFICATIONS:

λ of max. ABS in H₂O..... 652-658

A 1%; 1 cm; λ_{max}..... > 800

Order code	Package	Units/Box st.
251178.1606	25 g	6

Azur B (C.I. 52010) DC

for microscopy

C₁₅H₁₄N₂SCl

M: 305,83 CAS: 531-55-5 EINECS: 208-511-2 NC: 3204 13 00

SPECIFICATIONS:

Identity..... IR p/t.

λ of max. ABS in H₂O..... 647-655 nm

A 1%, 1 cm, λ_{max}..... >1200

T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 8 %

Order code	Package	Units/Box st.
255075.1606	25 g	6

Azur C (C.I. 52002) DC

for microscopy, blood smears staining

CAS: 531-57-7 EINECS: 208-512-8 NC: 3204 13 00

SPECIFICATIONS:

Identity..... IR p/t.

λ of max. ABS in H₂O..... 619-634 nm

A 1%, 1 cm, λ_{max}..... >600

T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 8 %

Order code	Package	Units/Box st.
252419.1606	25 g	6

Azur-Eosin-Methylene Blue dye according to Giemsa DC

for hematology, blood smears and protozoos staining

CAS: 51811-82-6 EINECS: 257-438-2 NC: 3204 19 00

SPECIFICATIONS:

λ₁ of max. ABS in CH₃OH..... 525-535 nm

λ₂ of max. ABS in CH₃OH..... 645-655 nm

A 1%; 1 cm; λ₁ max..... >300

A 1%; 1 cm; λ₂ max..... >800

T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
251337.1606	25 g	6
251337.1608	100 g	6

Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC

for hematology, blood smears and protozoos staining

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-1,058kg 1kg-0,945l

SPECIFICATIONS:

Composition:

Azur-Eosin-Methylene Blue dye according to Giemsa.....	0,5 g
Methanol.....	50 ml
Glycerol.....	50 ml

Order code	Package	Units/Box st.
251338.1608	100 ml	6
251338.1610	500 ml	6
251338.1611	1000 ml	6
251338.1612	2,5 l	4

Barbital

(see 5,5-Diethylbarbituric Acid)

Barbital Sodium

(see Sodium 5,5-Diethylbarbiturate)

BARIUUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Barium Acetate PA-ACS

Ba(CH₃COO)₂

M: 255,43 CAS: 543-80-6 EINECS: 208-849-0 NC: 2915 29 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Compl.)..... 99,0-102,0%

pH of 5% solution..... 7,0-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %

Oxidizing substances (as NO₃)..... 0,005 %

Chloride (Cl)..... 0,001 %

Heavy metals (as Pb)..... 0,0005 %

Ca..... 0,05 %

Cu..... 0,0005 %

Fe..... 0,001 %

K..... 0,003 %

Na..... 0,005 %

Ni..... 0,0005 %

Pb..... 0,0005 %

Sr..... 0,2 %

Order code	Package	Units/Box st.
131180.1210	500 g	6
131180.1211	1000 g	6

Barium Acetate PRS

Ba(CH₃COO)₂

M: 255,43 CAS: 543-80-6 EINECS: 208-849-0 NC: 2915 29 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Compl.)..... 98 %

pH of 5% solution..... 7,0-8,5

Insoluble matter in H₂O..... 0,02 %

Chloride (Cl)..... 0,005 %

Cu..... 0,002 %

Fe..... 0,002 %

Ni..... 0,002 %

Pb..... 0,002 %

Order code	Package	Units/Box st.
141180.1210	500 g	6
141180.1211	1000 g	6
141180.0416	25 kg	6

Barium Carbonate (Reag. Ph. Eur.) PA-ACS

BaCO₃
 M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (Compl.) 99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl.....	0,015 %
Alkalinity.....	0,002 meq/g
Oxidizing substances (as NO ₃).....	0,005 %
Non-precipitat. subst. by H ₂ SO ₄ (as SO ₄).....	0,2 %
Chloride (Cl).....	0,002 %
Sulphide (S).....	0,001 %
Heavy metals (as Pb).....	0,001 %
Ca.....	0,05 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,005 %
Mg.....	0,0005 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Sr.....	0,1 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131181.1209	250 g	6
131181.1211	1000 g	6

Barium Carbonate PA

BaCO₃
 M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning



H302

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl.....	0,015 %
Oxidizing substances (as NO ₃).....	0,005 %
Non-precipitated substances by H ₂ SO ₄	0,5 %
Alkaline carbonates and hydroxides.....	p/t.
Chloride (Cl).....	0,002 %
Sulphide (S).....	0,001 %
Ca.....	0,05 %
Cu.....	0,001 %
Fe.....	0,002 %
K.....	0,005 %
Na.....	0,01 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
121181.1210	500 g	6
121181.1211	1000 g	6
121181.0914	5 kg	
121181.0416	25 kg	

Barium Carbonate PRS

BaCO₃
 M: 197,35 CAS: 513-77-9 EINECS: 208-167-3 NC: 2836 60 00 UN: 1564
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (Compl.) 98 %

Insoluble matter in HCl.....	0,05 %
Chloride (Cl).....	0,05 %
Sulphide (S).....	0,001 %
Cu.....	0,003 %
Fe.....	0,003 %
Ni.....	0,003 %
Pb.....	0,003 %

Order code	Package	Units/Box st.
141181.1210	500 g	6
141181.1211	1000 g	6
141181.0914	5 kg	
141181.0416	25 kg	

Barium Chloride 2-hydrate (Reag. Ph. Eur.)

PA-ACS-ISO

BaCl₂·2H₂O
 M: 244,28 CAS: 10326-27-9 EINECS: 233-788-1 NC: 2827 39 85 UN: 1564
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H332-H301

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %
 pH of 5% solution 5,2-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Loss on drying at 150°C.....	14,0-16,0 %
N compounds (as N).....	0,002 %
Oxidizing substances (as NO ₃).....	0,005 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,005 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0002 %
K.....	0,0025 %
Mg.....	0,0005 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Sr.....	0,01 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131182.1210	500 g	6
131182.1211	1000 g	6
131182.1214	5 kg	4
131182.0416	25 kg	

Barium Chloride 2-hydrate PRS

BaCl₂·2H₂O
 M: 244,28 CAS: 10326-27-9 EINECS: 233-788-1 NC: 2827 39 85 UN: 1564
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H332-H301

SPECIFICATIONS:
 Assay (Compl.) 99-102 %
 pH of 5% solution 5,2-8,0
 Insoluble matter in H₂O..... 0,02 %
 Nitrogen compounds (as N) 0,003 %
 Ca..... 0,2 %
 Cu..... 0,002 %
 Fe..... 0,001 %
 Ni..... 0,002 %
 Pb..... 0,002 %
 Sr..... 0,2 %

Order code	Package	Units/Box st.
141182.1210	500 g	6
141182.1211	1000 g	6
141182.1214	5 kg	4
141182.0416	25 kg	

BARIUM CHLORIDE SOLUTIONS

Barium Chloride solution 10% w/v RE

for identification and quantitative determination of sulphates
 BaCl₂·2H₂O
 M: 244,28 CAS: 10361-37-2 EINECS: 233-788-1 NC: 2827 39 85 UN: 3287
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Warning



H332-H302

1l-1,087kg 1kg-0,920l
 Composition:
 Barium Chloride 2-hydrate 12 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
171183.1210	500 ml	6

Barium Chloride 0,1 mol/l (0,1M) SV

Indicator: Mixed of Phthalein Purple
BaCl₂·2H₂O

M: 244,28 CAS: 10361-37-2 EINECS: 233-788-1 NC: 2827 39 85

11-1,016kg 1kg-0,984l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181184.1211	1000 ml	6

Barium Chromate (C.I. 77103) PA

BaCrO₄

M: 253,32 CAS: 10294-40-3 EINECS: 233-660-5 NC: 2841 50 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Minimum assay (Iodom.) 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,1 %

Chloride (Cl) 0,01 %

Soluble chromates (as CrO₃) 0,05 %

Fe 0,002 %

Order code	Package	Units/Box st.
121187.1209	250 g	6
121187.1211	1000 g	6

Barium Chromate (C.I. 77103) PRS

BaCrO₄

M: 253,32 CAS: 10294-40-3 EINECS: 233-660-5 NC: 2841 50 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Iodom.) 98,0 %

Insoluble matter in HCl 0,1 %

Chloride (Cl) 0,05 %

Fe 0,1 %

Order code	Package	Units/Box st.
141187.1210	500 g	6
141187.1211	1000 g	6
141187.1214	5 kg	4

Barium Diphenylamine 4-Sulphonate

(see 4-(Phenylamino) Benzenesulfonic Acid Barium Salt)

Barium Fluoride PRS

BaF₂

M: 175,34 CAS: 7787-32-8 EINECS: 232-108-0 NC: 2826 19 90 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Compl.) 98 %

Chloride (Cl) 0,05 %

Cu 0,002 %

Fe 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
142224.1210	500 g	6
142224.1214	5 kg	4

Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

Ba(OH)₂·8H₂O

M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,005 %

Carbonate (as BaCO₃) 2,0 %

Chloride (Cl) 0,001 %

Sulphide (S) 0,001 %

Heavy metals (as Pb) 0,0005 %

Ca 0,05 %

Cu 0,0005 %

Fe 0,001 %

K 0,005 %

Na 0,01 %

Ni 0,0005 %

Pb 0,0005 %

Sr 0,8 %

Order code	Package	Units/Box st.
131188.1210	500 g	6
131188.1211	1000 g	6
131188.1214	5 kg	4
131188.0416	25 kg	

Barium Hydroxide 8-hydrate PRS

Ba(OH)₂·8H₂O

M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302-H319-H315

SPECIFICATIONS:

Assay (Acidim.) 97 %

Insoluble matter in HCl 0,02 %

Chloride (Cl) 0,05 %

Sulphide (S) 0,005 %

Cu 0,002 %

Fe 0,003 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141188.1210	500 g	6
141188.1211	1000 g	6
141188.1214	5 kg	4
141188.0416	25 kg	

Barium Nitrate PA-ACS

Ba(NO₃)₂

M: 261,35 CAS: 10022-31-8 EINECS: 233-020-5 NC: 2834 29 20 UN: 1446

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %

Chloride (Cl) 0,0005 %

Heavy metals (as Pb) 0,0005 %

Ca 0,05 %

Cu 0,0005 %

Fe 0,0002 %

K 0,005 %

Na 0,005 %

Ni 0,0005 %

Pb 0,0005 %

Sr 0,1 %

Order code	Package	Units/Box st.
131190.1210	500 g	6
131190.1214	5 kg	4
131190.0416	25 kg	

Barium Nitrate PRS

Ba(NO₃)₂
 M: 261,35 CAS: 10022-31-8 EINECS: 233-020-5 NC: 2834 29 20 UN: 1446
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Warning

H332-H302

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O	0,02 %
Acidity (as HNO ₃)	0,01 %
Chloride (Cl)	0,005 %
Ca	0,1 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %
Sr	0,1 %

Order code	Package	Units/Box st.
141190.1210	500 g	6
141190.1211	1000 g	6
141190.1214	5 kg	4
141190.0416	25 kg	

Barium Oxide, 97% PS

BaO
 M: 153,34 CAS: 1304-28-5 EINECS: 215-127-9 NC: 2816 40 00 UN: 1884
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332-H302-H319-H315

SPECIFICATIONS:

Minimum assay (Compl.)	97 %
------------------------	------

Order code	Package	Units/Box st.
15A721.1208	100 g	6
15A721.1209	250 g	6

Barium Perchlorate anhydrous PRS

Ba(ClO₄)₂
 M: 336,24 CAS: 13465-95-7 EINECS: 236-710-4 NC: 2829 90 10 UN: 1447
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H271-H332-H302

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O	0,1 %
Chloride (Cl)	0,1 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142839.1209	250 g	6
142839.1214	5 kg	4

Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV

Indicator: Mixed of Phthalein Purple
 Ba(ClO₄)₂
 M: 336,24 CAS: 13465-95-7 EINECS: 236-710-4 NC: 2829 90 10 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225

1l-0,841kg 1kg-1,189l

SPECIFICATIONS:

Titer	1,000 ±0,001
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Order code	Package	Units/Box st.
182131.1211	1000 ml	6

Barium Sulphate PA

(not suitable for internal use)
 BaSO₄
 M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00
 MAXIMUM LIMIT OF IMPURITIES

Loss on ignition	2 %
Organic matter	p/t
Soluble salts	0,25 %
Soluble barium salts (as Ba)	0,001 %
Acidity or alkalinity	p/t
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,001 %
Silicate	p/t
Sulphide	p/t
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121191.1210	500 g	6

Barium Sulphate PRS

(not suitable for internal use)
 BaSO₄
 M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00
 SPECIFICATIONS:

Loss on ignition	2 %
Soluble salts	0,5 %
Acidity or alkalinity	p/t
Chloride (Cl)	0,05 %
Sulphide	p/t
As	0,0001 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141191.1210	500 g	6
141191.1211	1000 g	6
141191.1214	5 kg	4
141191.0416	25 kg	

Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX

BaSO₄
 M: 233,40 CAS: 7727-43-7 EINECS: 231-784-4 NC: 2833 27 00
 SPECIFICATIONS:

Minimum assay	85,0 %
Identity according to Pharmacopoeias	p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition	1,5 %
Residual solvents (Ph.Eur./USP)	p/t
Oxidable sulphur compounds	p/t
Sedimentation	p/t
Soluble salts in acid	0,3 %
Soluble barium salts (as Ba) according to Ph. Eur.	0,001 %
Soluble barium salts (as Ba) according to BP	p/t
Soluble barium salts (as Ba) according to USP	0,001 %
Acidity or alkalinity	p/t
Phosphate (PO ₄)	0,005 %
Sulphide	0,00005 %
Heavy metals (as Pb)	0,001 %
As	0,00008 %

Order code	Package	Units/Box st.
142465.1214	5 kg	4
142465.0416	25 kg	

Baryta Water saturated solution RE

Ba(OH)₂·8H₂O
 M: 315,48 CAS: 12230-71-6 EINECS: 241-234-5 NC: 2816 40 00
 1l-1,020kg 1kg-0,980l
 Composition:
 Barium Hydroxyde 8-hydrate5 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
171071.1610	500 ml	6

Basic Blue 17

(see Toluidine Blue O)

Basic Blue 26

(see Victoria Blue B)

Basic Brown 1

(see Bismarck Brown Y)

Basic Brown 4

(see Bismarck Brown R)

Basic Green 1

(see Brilliant Green)

Basic Green 4

(see Malachite Oxalate Green)

Basic Orange 14

(see Acridine Orange)

Basic Red 2

(see Safranin O)

Basic Red 5

(see Neutral Red)

Basic Violet 1

(See Methyl Violet)

Basic Violet 3

(see Crystal Violet)

Basic Violet 4

(see Ethyl Violet)

Basic Violet 10

(see Rhodamine B)

Basic Violet 14

(see Fuchsin Basic)

Basic Yellow 2

(see Auramine O)

Bathophenanthroline PA

Fe reagent

$C_{24}H_{16}N_2$

M: 332,41 CAS: 1662-01-7 EINECS: 216-767-1 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %

Identity IR p/t

Melting range 218-220°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH p/t

Residue on ignition (as SO_4) 0,1 %

Sensitivity to Fe p/t

Order code	Package	Units/Box st.
122089.1603	1 g	6

Benedict's Reagent qualitative DC

for determination of glucose in urine

NC: 3822 00 00

H412

1l-1,153kg 1kg~0,867l

Composition:

Sodium Carbonate anhydrous 153,6 g

Citric Acid 1-hydrate 70,9 g

Copper(II) Sulphate 5-hydrate 15,6 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
251550.1210	500 ml	6
251550.1211	1000 ml	6

Benedict's Reagent quantitative DC

for determination of glucose

NC: 3822 00 00

H412

1l-1,231kg 1kg~0,812l

Composition:

Copper(II) Sulphate 5-hydrate 17,39 g

Sodium Carbonate anhydrous 73,9 g

tri-Potassium Citrate 1-hydrate 201,1 g

Potassium Thiocyanate 114,1 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
251551.1210	500 ml	6
251551.1211	1000 ml	6

Benzaldehyde, 99% PS

C_6H_5CHO

M: 106,13 CAS: 100-52-7 EINECS: 202-860-4 NC: 2912 21 00 UN: 1990

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 907 CAO: 907

Signal Word: Warning



H302

1l-1,045kg 1kg-0,957l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Density at 20/4 1,044-1,046

Water (H_2O) 0,1 %

Order code Package Units/Box st.

161887.1611 1000 ml 6

161887.1214 5 l 4

161887.0716 25 l

Benzalkonium Chloride

(see Alkylbenzyltrimethylammonium Chloride)

Benzamide, 98% PS

C_7H_7NO

M: 121,14 CAS: 55-21-0 EINECS: 200-227-7 NC: 2924 29 95

Signal Word: Warning



H302-H341

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A317.1608 100 g 6

15A317.1610 500 g 6

1-Benzazol

(see Indole)

Benzene (UV-IR-HPLC-GPC) PAI-ACS

C_6H_6

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,879kg 1kg-1,138l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %

Density at 20/4 0,877-0,878

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non volatile matter 0,0003 %

Acidity 0,0001 meq/g

Alkalinity 0,0001 meq/g

Darkened substances by H_2SO_4 p/t

Thiophene (C_4H_4S) 0,0001 %

Sulphur compounds (as CS_2) 0,0003 %

Water (H_2O) 0,01 %

Suitability for IR spectrometry p/t

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	278 (Cut off)	280	285	290	300	320	340-450
A (AU)	1,000	0,602	0,155	0,097	0,046	0,022	0,009
T (%)	10	70	80	90	95	98	

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 2,7

Eluotropic value ϵ^0 (Al_2O_3) 0,32

Sol. H_2O in solv. at 20°C 0,058

P^+ + 0,25 E 3,6

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361192.1611 1000 ml 6

361192.1612 2,5 l 4

Benzene dry (max. 0,005% water) DS-ACS-ISO

C₆H₆

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,879kg 1kg-1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t
Density at 20/4	0,877-0,878
Freezing point	≥5,2°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Ethylbenzene (G.C.)	0,02 %
Toluene (G.C.)	0,05 %
Darkened substances by H ₂ SO ₄	p/t
Sulphur compounds (as CS ₂)	0,0003 %
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Water (H ₂ O)	0,005 %
Thiophene (C ₄ H ₄ S)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481192.1611	1000 ml	6

Benzene (Reag. Ph. Eur.) PA-ACS-ISO

C₆H₆

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,879kg 1kg-1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,877-0,878
Freezing point	≥5,2°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Darkened substances by H ₂ SO ₄	p/t
Sulphur compounds (as CS ₂)	0,0003 %
Acidity	0,0001 meq/g
Alkalinity	0,0001 meq/g
Water (H ₂ O)	0,03 %
Thiophene (C ₄ H ₄ S)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131192.1611	1000 ml	6
131192.1612	2,5 l	4
131192.0314	5 l	4
131192.0616	25 l	4

Benzene PRS

C₆H₆

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,879kg 1kg-1,138l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,877-0,878
Non-volatile matter	0,005 %
Toluene (G.C.)	0,1 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H ₂ O)	0,1 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code Package Units/Box st.

141192.1611	1000 ml	6
141192.1612	2,5 l	4
141192.0314	5 l	4
141192.0616	25 l	4

Benzene, 99,8% PS

C₆H₆

M: 78,11 CAS: 71-43-2 EINECS: 200-753-7 NC: 2902 20 00 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,879kg 1kg-1,138l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t
Density at 20/4	0,877-0,878
Non-volatile matter	0,005 %
Water (H ₂ O)	0,03 %

Order code Package Units/Box st.

161192.1611	1000 ml	6
161192.1612	2,5 l	4
161192.1714	5 l	4
161192.0616	25 l	4

Benzene-D6 deuteration degree min. 99,95% (NMR) PAI

C₆D₆

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,95kg 1kg-1,05l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,01 %
---	--------

Order code Package Units/Box st.

745845.02130	10 x 0,75 ml	6
745845.1605	10 ml	6

Benzene-D6 deuteration degree min. 99,8% (NMR) PAI

C₆D₆

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,95kg 1kg-1,05l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,02 %
---	--------

Order code Package Units/Box st.

745844.02130	10 x 0,75 ml	6
745844.1605	10 ml	6

Benzene-D6 deuteration degree min. 99,5% (NMR) PAI

C₆D₆

M: 84,15 CAS: 1076-43-3 EINECS: 214-061-8 NC: 2845 90 10 UN: 1114

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H350-H340-H225-H319-H315-H370-H304

1l-0,95kg 1kg-1,05l

SPECIFICATIONS:

Deuteration degree min. 99,5 %

NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745843.1605	10 ml	6

Benzeneearsonic Acid

(see Phenylarsonic Acid)

Benzenecarbonyl Chloride

(see Benzoyl Chloride)

Benzene Chloride

(see Chlorobenzene)

1,3-Benzenediol

(see Resorcinol)

(R)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Benzethonium Chloride (Reag. Ph. Eur.) PA

for titration of anionic surfactants

C₂₇H₄₂ClNO₂

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Arg.) calc. a.d.s. 99,0 %

Identity IR p/t.

Melting range 158-163°C

pH 10% solution 5,0-6,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.

Loss on drying at 105°C 5,0 %

Residue on ignition (as SO₄) 0,05 %

Water (H₂O) 5,0 %

Sulphate (SO₄) 0,005 %

Al 0,0005 %

Ba 0,0005 %

Ca 0,002 %

Cd 0,0005 %

Co 0,0005 %

Cr 0,0005 %

Cu 0,0005 %

Fe 0,0005 %

K 0,005 %

Mg 0,001 %

Mn 0,0005 %

Na 0,005 %

Ni 0,0005 %

Pb 0,0005 %

Zn 0,0005 %

Order code	Package	Units/Box st.
123083.1209	250 g	6

Benzethonium Chloride (USP, BP, Ph. Eur.) PRR-CODEX

C₂₇H₄₂ClNO₂

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (calc. a.d.s.) 97,0-103,0 %

Identity according to Pharmacopoeias p/t.

Melting range 158-163°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.

Loss on drying at 105°C 5,0 %

Residue on ignition (as SO₄) 0,1 %

Acidity or alkalinity p/t.

Ammonium compounds p/t.

Volatile bases and salts of volatile bases 0,005 %

Order code	Package	Units/Box st.
143083.1209	250 g	6
143083.1211	1000 g	6

BENZETHONIUM CHLORIDE SOLUTIONS

Benzethonium Chloride 0,004 mol/l (0,004M) SV

for titration of anionic surfactants

C₂₇H₄₂ClNO₂

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
183141.1611	1000 ml	6

Benzethonium Chloride 0,01 mol/l (0,01N) SV

for titration of anionic surfactants

C₂₇H₄₂ClNO₂

M: 448,18 CAS: 121-54-0 EINECS: 204-479-9 NC: 2923 90 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
186228.1611	1000 ml	6

Benzidine PA

(C₈H₈NH₂)₂

M: 184,24 CAS: 92-87-5 EINECS: 202-199-1 NC: 2921 59 90 UN: 1885

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H302-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %

Identity IR p/t.

Melting range 127-129°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COOH p/t.

Loss on drying at 105°C 1,0 %

Residue on ignition (as SO₄) 0,1 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
122295.1605	10 g	6
122295.1607	50 g	6

Benzidine, 99% PS

(C₈H₈NH₂)₂

M: 184,24 CAS: 92-87-5 EINECS: 202-199-1 NC: 2921 59 90 UN: 1885

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H302-H410

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Melting range 127-129°C

Order code	Package	Units/Box st.
162295.1608	100 g	6

Benzidinium di-Chloride PA

C₁₂H₁₂N₂·2HCl

M: 257,16 CAS: 531-85-1 EINECS: 208-519-6 NC: 2921 59 90 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H302-H410

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,0 %
 Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,02 %
 Residue on ignition (as SO₂) 0,1 %
 Sensitivity to blood..... p/t.

Order code	Package	Units/Box st.
122840.1605	10 g	6

Benzil, 99% PS

C₁₄H₁₀O₂

M: 210,24 CAS: 134-81-6 EINECS: 205-157-0 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity..... IR p/t.
 Melting range..... 94-96 °C

Order code	Package	Units/Box st.
15A723.1208	100 g	6
15A723.1210	500 g	6

Benzilic Acid, 99% PS

C₁₄H₁₂O₃

M: 228,25 CAS: 76-93-7 EINECS: 200-993-2 NC: 2918 19 85

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %
 Identity..... IR p/t.
 Melting range..... 150-152 °C

Order code	Package	Units/Box st.
15A674.1208	100 g	6
15A674.1210	500 g	6

Benzoic Acid EQP

Primary Chemical Matter

C₆H₅COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (Acidim.) after dried on SiO₂..... 99,95-100,05 %
 Identity..... IR p/t.
 Melting range..... 122-123 °C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃OH 0,005 %
 Residue on ignition (as SO₂) 0,005 %
 Reducing substances to KMnO₄ p/t.
 Darkened substances by H₂SO₄ p/t.
 Chlorine compounds (as Cl) 0,01 %
 Sulphur compounds (as S) 0,01 %
 Heavy metals (as Pb)..... 0,0005 %
 As 0,0003 %
 Cu 0,0005 %
 Fe 0,0002 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
241014.1521	10 x 1,5 g	6
241014.1608	100 g	6

Benzoic Acid PA-ACS

C₆H₅COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,5 %
 Identity..... IR p/t.
 Melting range..... 122-123 °C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃OH 0,005 %
 Residue on ignition (as SO₂) 0,005 %
 Reducing substances to KMnO₄ p/t.
 Chlorine compounds (as Cl) 0,005 %
 Sulphur compounds (as S) 0,002 %
 Heavy metals (as Pb)..... 0,0005 %
 As 0,0003 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131014.1208	100 g	6
131014.1209	250 g	6
131014.1211	1000 g	6

Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₅COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s..... 99,5-100,5 %
 Identity according to Pharmacopoeias p/t.
 Melting range..... 121-123 °C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in CH₃OH 0,01 %
 Insoluble matter in C₂H₅OH p/t.
 Residue on ignition (as SO₂) 0,05 %
 Residual solvents (Ph.Eur./USP)..... p/t.
 Reducing substances to KMnO₄ p/t.
 Darkened substances by H₂SO₄ p/t.
 Water (H₂O) 0,7 %
 Halogenated compounds and halides (as Cl) 0,03 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb)..... 0,001 %
 As 0,0003 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141014.1210	500 g	6
141014.1211	1000 g	6
141014.0914	5 kg	
141014.0416	25 kg	

Benzoic Acid (E-210, F.C.C.) ADITIO

C₆H₅COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (as C₆H₅O₂) 99,5-100,5 %
 Arsenic (as As), not more than 3 ppm
 Heavy metals (as Pb), not more than 10 ppm
 Lead, not more than 2,0 ppm
 Polycyclic acids p/t.
 Easily carbonizable substances p/t.
 Easily oxidizable substances p/t.
 Organic chlorine (as monochlorobenzoic acid), not more than 0,3 %
 Residue on ignition, not more than 0,05 %
 Solidification point 121,5-123 °C
 Water, not more than 0,7 %
 Loss on drying, not more than 0,5 %
 pH of aqueous solution (*) p/t.
 Mercury (Hg), not more than 1 ppm
 Specifications (*)Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201014.0914	5 kg	
201014.0416	25 kg	

Benzoic Acid, 99,5% PS

C₆H₅COOH

M: 122,12 CAS: 65-85-0 EINECS: 200-618-2 NC: 2916 31 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Acidim.).....99,5 %
 Identity.....IR p/t
 Melting range.....122-123°C

Order code Package Units/Box st.

151014.1208	100 g		6
151014.1211	1000 g		6

Benzoic Acid Benzyl Ester

(see Benzyl Benzoate)

Benzoic Acid Sodium Salt

(see Sodium Benzoate)

Benzoin, 99% PS

C₁₄H₁₂O₂

M: 212,25 CAS: 119-53-9 EINECS: 204-331-3 NC: 2914 29 00

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity.....IR p/t
 Melting range.....134-136°C

Order code Package Units/Box st.

15A731.1208	100 g		6
15A731.1210	500 g		6
15A731.0914	5 kg		6

Benzoin Ethyl Ether, 99% PS

C₁₈H₁₆O₂

M: 240,3 CAS: 574-09-4 EINECS: 209-366-8 NC: 2914 50 00

SPECIFICATIONS:

Assay.....99 %
 Identity.....IR p/t

Order code Package Units/Box st.

15B672.1607	50 g		6
15B672.1609	250 g		6

α-Benzoinoxime PA

C₁₄H₁₃NO₂

M: 227,27 CAS: 441-38-3 EINECS: 207-127-2 NC: 2928 00 90

SPECIFICATIONS:

Identity.....IR p/t
 Melting range.....151-153°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH.....p/t
 Residue on ignition (as SO₂).....0,05 %
 Sensitivity to Cu.....p/t
 Sensitivity to Mo.....p/t
 Cu.....0,001 %
 Fe.....0,001 %
 Ni.....0,001 %
 Pb.....0,001 %

Order code Package Units/Box st.

122354.1605	10 g		6
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Benzonitrile, 99% PS

C₇H₅N

M: 103,12 CAS: 100-47-0 EINECS: 202-855-7 NC: 2926 90 95 UN: 2224

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Warning



H312-H302

1l-1,004kg 1kg-0,995l

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity.....IR p/t
 Water (H₂O).....0,1 %

Order code Package Units/Box st.

15A732.1609	250 ml		6
15A732.1611	1000 ml		6
15A732.1612	2,5 l		4

Benzophenone, 99% PS

C₁₃H₁₀O

M: 182,22 CAS: 119-61-9 EINECS: 204-337-6 NC: 2914 39 00

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity.....IR p/t
 Melting range.....47-49°C

Order code Package Units/Box st.

15A728.1209	250 g		6
15A728.1211	1000 g		6

Benzo [b] Pyridine

(see Quinoline)

1,2-Benzopyrone

(see Coumarin)

2,3-Benzopyrrole

(see Indole)

1,4-Benzoquinone, 99% PS

C₆H₄O₂

M: 108,10 CAS: 106-51-4 EINECS: 203-405-2 NC: 2914 69 90 UN: 2587

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H319-H335-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity.....IR p/t
 Melting range.....111-115°C

Order code Package Units/Box st.

15A596.1608	100 g		6
15A596.1610	500 g		6

2-Benzothiazolamine

(see 2-Aminobenzothiazole)

1H-Benzotriazole, 99% PS

C₆H₅N₃

M: 119,13 CAS: 95-14-7 EINECS: 202-394-1 NC: 2933 99 90

Signal Word: Warning



H302-H319-H412

SPECIFICATIONS:

Minimum assay.....99 %
 Identity.....IR p/t

Order code Package Units/Box st.

15A609.1208	100 g		6
15A609.1209	250 g		6
15A609.1211	1000 g		6

4-Benzoylbiphenyl, 98% PS

C₁₈H₁₄O

M: 258,32 CAS: 2128-93-0 EINECS: 218-345-2 NC: 2914 39 00

SPECIFICATIONS:

Assay.....98 %
 Identity.....IR p/t

Order code Package Units/Box st.

15B629.1604	5 g		6
15B629.1206	25 g		6
15B629.1208	100 g		6

Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS

C_6H_5COCl
 M: 140,57 CAS: 98-88-4 EINECS: 202-710-8 NC: 2916 32 90 UN: 1736
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H332-H312-H302-H314-H317

1l-1,212kg 1kg-0,825l

SPECIFICATIONS:

Assay (Acidim.).....99,5-100,5%
 Identity.....IR p/t
 Density at 20/4.....1,212-1,214
 Freezing point.....-2,0 to 0,0°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition.....0,005 %
 Phosphorus compounds (as PO_4).....0,002 %
 Sulphur compounds (as SO_4).....0,003 %
 Heavy metals (as Pb).....0,0005 %
 Ca.....0,0002 %
 Cd.....0,00002 %
 Co.....0,00002 %
 Cr.....0,00002 %
 Cu.....0,00002 %
 Fe.....0,00005 %
 Mg.....0,0002 %
 Mn.....0,00002 %
 Ni.....0,00002 %
 Pb.....0,00002 %
 Zn.....0,00002 %

Order code	Package	Units/Box st.
132720.1608	100 ml	6
132720.1610	500 ml	6

Benzoyl Chloride, 99% PS

C_6H_5COCl
 M: 140,57 CAS: 98-88-4 EINECS: 202-710-8 NC: 2916 32 90 UN: 1736
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H332-H312-H302-H314-H317

1l-1,212kg 1kg-0,825l

SPECIFICATIONS:

Minimum assay (Acidim.).....99 %
 Identity.....IR p/t
 Density at 20/4.....1,210 - 1,214

Order code	Package	Units/Box st.
162720.1610	500 ml	6
162720.1611	1000 ml	6

Benzoyl Peroxide humidified with ~25% of H_2O (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$(C_6H_5CO)_2O_2$
 M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
 IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
 Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Assay (Iodom.).....70,0-77,0 %
 Identity according to Pharmacopoeias.....p/t
 Water (H_2O).....>20 %

MAXIMUM LIMIT OF IMPURITIES

Related substances.....p/t
 Acidity.....p/t
 Chloride (Cl).....0,4 %
 Residual solvents (Ph.Eur./USP).....p/t

Order code	Package	Units/Box st.
142357.1210	500 g	6

Benzoyl Peroxide humidified with ~25% of H_2O (F.C.C.) ADITIO

$(C_6H_5CO)_2O_2$
 M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
 IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
 Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Assay ($C_{14}H_{10}O_4$), not less than.....96,0 %
 Lead, not more than.....4 ppm
 (Analysis applied to the dry substance)
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202357.1210	500 g	6

Benzoyl Peroxide, 98% humidified with ~25% of H_2O PS

$(C_6H_5CO)_2O_2$
 M: 242,23 CAS: 94-36-0 EINECS: 202-327-6 NC: 2916 32 10 UN: 3104
 IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 510 CAO: 513
 Signal Word: Danger



H201-H319-H317

SPECIFICATIONS:

Minimum assay (Iodom.) calc. a.d.s.....98 %
 Identity.....IR p/t
 Melting range (a.d.s.).....102-105°C

Order code	Package	Units/Box st.
162357.1210	500 g	6

Benzoyl Superoxide

(see Benzoyl Peroxide)

Benzyl Acetate, 99% PS

$C_9H_{10}O_2$
 M: 150,18 CAS: 140-11-4 EINECS: 205-399-7 NC: 2915 39 50
 1l-1,054kg 1kg-0,949l

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity.....IR p/t
 Density at 20/4.....1,052-1,055

Order code	Package	Units/Box st.
15A724.1609	250 ml	6
15A724.1611	1000 ml	6

Benzyl Alcohol PA-ACS

$C_6H_5CH_2OH$
 M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00
 Signal Word: Warning



H332-H302

1l-1,046kg 1kg-0,956l

SPECIFICATIONS:

Minimum assay (G.C.).....99,0 %
 Identity.....IR p/t
 Density at 20/4.....1,043-1,049

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....20
 Residue on ignition (as SO_3).....0,005 %
 Acetophenone (G.C.).....0,02 %
 Benzaldehyde (G.C.).....0,01 %
 Water (H_2O).....0,1 %
 Ca.....0,00005 %
 Cd.....0,000005 %
 Co.....0,000002 %
 Cr.....0,000002 %
 Cu.....0,000002 %
 Fe.....0,00001 %
 Mg.....0,00001 %
 Mn.....0,000002 %
 Ni.....0,000002 %
 Pb.....0,00001 %
 Zn.....0,00001 %
 Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
131081.1611	1000 ml	6
131081.1214	5 l	4

Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₆H₅CH₂OH

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (Acidim.) 98,0-100,5 %
 Identity according to Pharmacopoeias p/t
 Density at 20/20 1,043-1,049
 Refractive index n²⁰/D 1,539-1,541

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Clarity of solution p/t
 Colour of solution p/t
 Insoluble matter in H₂O p/t
 Non-volatile matter 0,05 %
 Residue on ignition (as SO₂) 0,005 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity p/t
 Halogenated compounds and halides (as Cl) 0,03 %
 Peroxide value 5
 Related substances (G.C.)
 Cyclohexylmethanol 0,10 %
 Total imp. Tr < Benzyl Alcohol 0,04 %
 Total imp. Tr > Benzyl Alcohol 0,3 %
 Water (H₂O) 0,2 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm
 Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
141081.1611	1000 ml	6
141081.1612	2,5 l	4
141081.1214	5 l	4
141081.0816	25 l	
141081.0818	60 l	
141081.0719	200 l	

Benzyl Alcohol (E-1519, F.C.C.) ADITIO

C₆H₅CH₂OH

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (G.C.), not less than 99,0 %
 IR p/t
 Refractive index n²⁰/D 1,539-1,541
 Specific gravity at 25/25 1,042-1,047
 Aldehydes (as C₇H₆O), not more than 0,2 %
 Chlorinated compounds p/t
 Distillation range, not less than 95% 202,5-206,5°C
 Lead, not more than 0,0005 %
 Acidity value, not more than 0,5
 Specifications Dir. 2008/84/EC, F.C.C. 6
 Bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
201081.1214	5 l	4

Benzyl Alcohol, 99% PS

C₆H₅CH₂OH

M: 108,14 CAS: 100-51-6 EINECS: 202-859-9 NC: 2906 21 00

Signal Word: Warning



H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t

Order code	Package	Units/Box st.
151081.1608	100 ml	6
151081.1610	500 ml	6

Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₁₄H₁₂O₂

M: 212,26 CAS: 120-51-4 EINECS: 204-402-9 NC: 2916 31 00

Signal Word: Warning



H302-H411

1l~1,119kg 1kg~0,894l

SPECIFICATIONS:

Assay 99,0-100,5 %
 Identity according to Pharmacopoeias p/t
 Density at 20/20 1,118 - 1,122
 Density at 25/25 1,116-1,120
 Refractive index n²⁰/D 1,568-1,570
 Freezing point ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,1 %
 Acidity p/t
 Aldehydes (as C₇H₆O) 0,05 %
 Residual solvents (Ph.Eur./USP) p/t

Order code	Package	Units/Box st.
144720.1611	1000 ml	6
144720.0716	25 l	

Benzyl Benzoate, 99% PS

C₁₄H₁₂O₂

M: 212,26 CAS: 120-51-4 EINECS: 204-402-9 NC: 2916 31 00

Signal Word: Warning



H302-H411

1l~1,119kg 1kg~0,894l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 1,117-1,119

Order code	Package	Units/Box st.
164720.1609	250 ml	6
164720.1611	1000 ml	6

Benzyl Chloride, 99% PS

C₆H₅CH₂Cl

M: 126,59 CAS: 100-44-7 EINECS: 202-853-6 NC: 2903 69 90 UN: 1738

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H350-H302-H331-H335-H315-H318-H373

1l~1,100kg 1kg~0,909l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 1,098-1,101

Order code	Package	Units/Box st.
15A726.1609	250 ml	6
15A726.1611	1000 ml	6
15A726.1214	5 l	4

Benzylmagnesium Chloride 2M in THF PS

C₇H₇ClMg

M: 150,90 CAS: 6921-34-2 EINECS: 230-039-0 NC: 2931 00 95 UN: 3399

IMDG: 4.3/III ADR: 4.3/III IATA: 4.3/- PAX: P CAO: P

Signal Word: Danger



H225-EUH014-EUH019-H314

1l~1,031kg 1kg~0,97l

Order code	Package	Units/Box st.
15A217.1608	100 ml	6
15A217.1610	500 ml	6

4-Benzoyloxybenzaldehyde, 98% PS

C₁₄H₁₂O₂

M: 212,25 CAS: 4397-53-9 EINECS: 224-527-2 NC: 2912 49 00

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B993.1206	25 g	6
15B993.1208	100 g	6

Benzoyloxycarbonyl

(see Z derivatives)

N-(Benzyloxycarbonyloxy) Succinimide, 98% PS

C₁₂H₁₁NO₅

M: 249,22 CAS: 13139-17-8 EINECS: 236-075-3 NC: 2925 19 95

Signal Word: Warning



H317

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B711.1606	25 g	6
15B711.1608	100 g	6

Benzyltributylammonium Chloride, 99% PS

C₁₉H₃₄ClN

M: 311,94 CAS: 23616-79-7 EINECS: 245-787-3 NC: 2923 90 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A985.1604	5 g	6
15A985.1608	100 g	6
15A985.1610	500 g	6

Benzyltriethylammonium Chloride, 99% PS

C₁₃H₂₂ClN

M: 227,78 CAS: 56-37-1 EINECS: 200-270-1 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A986.1606	25 g	6
15A986.1608	100 g	6
15A986.1610	500 g	6

Benzyltrimethylammonium Chloride, 99% PS

C₁₀H₁₆ClN

M: 185,70 CAS: 56-93-9 EINECS: 200-300-3 NC: 2923 90 00

Signal Word: Warning



H319-H302

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A988.1607	50 g	6

BERYLLIUM SOLUTIONS

(see Standards for ICP)

Betanaphthol

(see 2-Naphthol)

BHA

(see 2-tert-Butyl-4-Methoxyphenol)

BHT

(see 2,6-Di-tert-Butyl-4-Methylphenol)

Biacetyl

(see 2,3-Butanedione)

BICINE

(see N,N-Bis (2-Hydroxyethyl) Glycine)

Biebrich Scarlet (C.I. 26905) DC

C₂₂H₁₄N₄Na₂O₇S₂

M: 556,48 CAS: 4196-99-0 EINECS: 224-084-5 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t.
λ of max. ABS in H₂O 505-510 nm
A 1%, 1 cm, λ_{max} >530
Ratio λ_{max}. P±15 nm 0,90-1,00
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
253986.1605	10 g	6
253986.1606	25 g	6

Bile Salts n° 3 (Ingredient) CULTIMED

Product used to stimulate the growth of enteric bacteria.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 7,5-9,5
Loss on drying at 105°C 5 %
Insoluble matter in H₂O p/t.

Order code	Package	Units/Box st.
403896.1210	500 g	6
403896.0914	5 kg	
403896.0416	25 kg	

Biocide WSCP

(see WSCP Kit)

D(+)-Biotin (USP) PRS-CODEX

C₁₀H₁₆N₂O₃S

M: 244,31 CAS: 58-85-5 EINECS: 200-399-3 NC: 2936 29 30

SPECIFICATIONS:

Assay (Acidim.) 97,5-100,5%
Identity according to Pharmacopoeias p/t.
Specific rotation [α]_D²⁵ c=2 (in NaOH 0,1 mol/l) +89 to +93°

MAXIMUM LIMIT OF IMPURITIES

Organic volatile impurities p/t.

Order code	Package	Units/Box st.
143977.1605	10 g	6
143977.1208	100 g	6

D(+)-Biotin (F.C.C.) ADITIO

C₁₀H₁₆N₂O₃S

M: 244,31 CAS: 58-85-5 EINECS: 200-399-3 NC: 2936 29 30

SPECIFICATIONS:

Assay (as C₁₀H₁₆N₂O₃S) 97,5-100,5 %
Melting range 229-232°C
Specific rotation [α]_D²⁵ c=2 (in NaOH 0,1 mol/l) +89 to +93°
Lead, not more than 2 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203977.1605	10 g	6
203977.1208	100 g	6

Biphenyl, 99% PS

C₈H₆.C₆H₆

M: 154,20 CAS: 92-52-4 EINECS: 202-163-5 NC: 2902 90 30 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H319-H335-H315-H410

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Melting range 68-70°C

Order code	Package	Units/Box st.
15A769.1210	500 g	6
15A769.1211	1000 g	6

2,2'-Bipyridine (Reag. USP) PA-ISO

(C₈H₆N₂):

M: 156,19 CAS: 366-18-7 EINECS: 206-674-4 NC: 2933 39 99 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,5 %
Identity IR p/t.
Melting range 69,0-72,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl p/t.
Residue on ignition (as SO₂) 0,1 %
Sensitivity to Fe p/t.
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
132371.1604	5 g	6
132371.1606	25 g	6

B

2,2'-Bipyridine, 99% PS

(C₁₀H₈N₂)₂

M: 156,19 CAS: 366-18-7 EINECS: 206-674-4 NC: 2933 39 99 UN: 2811
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Melting range 69-72°C

Order code	Package	Units/Box st.
162371.1606	25 g	6

Bis (2-Aminoethyl) Amine

(see Diethylenetriamine)

Bis (2-Ethoxyethyl) Ether

(see Diethylene Glycol Diethyl Ether)

Bis (2-Ethylhexyl) Phthalate, 98% PS

C₂₄H₃₈O₄

M: 390,57 CAS: 117-81-7 EINECS: 204-211-0 NC: 2917 34 90

Signal Word: Danger



H360FD

1l~0,984kg 1kg~1,016l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 0,983-0,985

Order code	Package	Units/Box st.
15A733.1211	1000 ml	6
15A733.1212	2,5 l	4

Bis (β-Hydroxyethyl) Amine

(see Diethanolamine)

Bis (2-Hydroxypropyl) Amine

(see Di-Isopropanolamine)

Bis (Hydroxypropyl) Ether

(see Dipropylene Glycol)

Bismarck Brown R (C.I. 21010) DC

for microscopy, fat staining

C₂₁H₂₄N₈.2HCl

M: 461,40 CAS: 5421-66-9 EINECS: 213-888-1 NC: 3212 90 90

SPECIFICATIONS:

Identity IR p/t.
A 1%; 1 cm; λmax. in H₂O >250
Ratio λmax. P ± 15 nm 0,97-1,03
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10 %

Order code	Package	Units/Box st.
253934.1606	25 g	6
253934.1608	100 g	6

Bismarck Brown Y (C.I. 21000) DC

for microscopy, mucin and cartilage staining

C₁₈H₁₈N₈.2HCl

M: 419,33 CAS: 10114-58-6 EINECS: 233-314-3 NC: 3212 90 90

SPECIFICATIONS:

Identity IR p/t.
A 1%; 1 cm; λmax. in H₂O >400
Ratio λmax. P ± 15 nm 0,97-1,03
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
253935.1606	25 g	6

Bismuth metal, needles QP

Bi

M: 208,98 CAS: 7440-69-9 EINECS: 231-177-4 NC: 8106 00 90

SPECIFICATIONS:

Assay 99 %

Order code	Package	Units/Box st.
215501.1208	100 g	6

BISMUTH SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Bismuth(III) Carbonate Basic

(see Bismuth(III) Hydroxide Carbonate)

Bismuth(III) Hydroxide Carbonate

(RFE, USP, BP, Ph. Eur.) PRS-CODEX

(BiO)₂CO₃

M: 509,97 CAS: 5892-10-4 EINECS: 227-567-9 NC: 2836 99 17

SPECIFICATIONS:

Assay (Compl.) (as (BiO)₂CO₃) calc. a.d.s 97,6-100,7%
Assay (Compl.) (as Bi) calc. a.d.s 80,0- 82,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in HNO₃ 0,05 %
Loss on drying at 105°C 1,0 %
Residual solvents p/t.
Chloride (Cl) 0,05 %
Nitrate (NO₃) 0,4 %
Sulphate (SO₄) 0,1 %
Alkali and alkaline-earth salts 1,0 %
Ag 0,0025 %
As 0,0005 %
Cu 0,005 %
Fe 0,01 %
Pb 0,002 %

Order code	Package	Units/Box st.
141195.1209	250 g	6
141195.1211	1000 g	6

Bismuth(III) Hydroxide Nitrate (USP, DAB)

Bi₂O(OH)₅(NO₃)₃

M: 1461,99 CAS: 10361-46-3 EINECS: 233-792-3 NC: 2834 29 80 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

SPECIFICATIONS:

Minimum assay (Compl.) (as Bi₂O₃) calc. a.d.s 79,0 %
Assay (Compl.) (as Bi) calc. a.d.s 71,0-74,0 %
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in dil. HNO₃ p/t.
Loss on drying at 105°C 3,0 %
Residual solvents (USP) p/t.
Impurities of acid reaction p/t.
Carbonate p/t.
Chloride (Cl) 0,02 %
Sulphate (SO₄) 0,03 %
Ammonium (NH₄) 0,01 %
Alkalis and alkaline-earth 0,5 %
Non-precip. substances by NH₄OH (as SO₄) 0,6 %
Ag 0,002 %
As 0,0005 %
Cu 0,003 %
Pb 0,002 %

Order code	Package	Units/Box st.
141197.1209	250 g	6
141197.1211	1000 g	6
141197.1214	5 kg	4

Bismuth(III) Nitrate 5-hydrate PA-ACS

Bi(NO₃)₃·5H₂O
 M: 485,07 CAS: 10035-06-0 EINECS: 233-791-8 NC: 2834 29 80 UN: 1477
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:
 Minimum assay (Compl.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO ₃	0,005 %
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,005 %
Ammonium (NH ₄).....	0,005 %
Ag.....	0,001 %
As.....	0,0001 %
Ca.....	0,005 %
Cu.....	0,002 %
Fe.....	0,001 %
K.....	0,005 %
Mg.....	0,001 %
Na.....	0,01 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
131196.1208	100 g	6
131196.1210	500 g	6

Bismuth(III) Nitrate 5-hydrate PRS

Bi(NO₃)₃·5H₂O
 M: 485,07 CAS: 10035-06-0 EINECS: 233-791-8 NC: 2834 29 80 UN: 1477
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in HNO₃..... 0,025 %
 Chloride (Cl)..... 0,05 %
 Sulphate (SO₄)..... 0,1 %
 Ca..... 0,01 %
 Cu..... 0,005 %
 Fe..... 0,005 %
 Pb..... 0,005 %

Order code	Package	Units/Box st.
141196.1209	250 g	6
141196.1211	1000 g	6
141196.1214	5 kg	4

Bismuth(III) Nitrate Basic

(see Bismuth(III) Hydroxide Nitrate)

Bismuth(III) Oxide QP

Bi₂O₃
 M: 465,96 CAS: 1304-76-3 EINECS: 215-134-7 NC: 2825 90 80

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in HCl..... 0,05 %
 Loss on ignition 1 %
 Cu..... 0,005 %
 Fe..... 0,05 %
 Ni..... 0,01 %
 Pb..... 0,005 %

Order code	Package	Units/Box st.
212724.1209	250 g	6
212724.1211	1000 g	6
212724.1214	5 kg	4

Bis (Pyridine) Iodonium Tetrafluoroborate PS

(C₅H₅N)₂IBF₄
 M: 371,91 CAS: 15656-28-7 NC: 2931 00 95
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:
 Melting range..... 137-141°C

Order code	Package	Units/Box st.
15B200.1603	1 g	6

Bis (Trichloromethyl) Carbonate

(see Triphosgene)

3,5-Bis (Trifluoromethyl) Benzaldehyde, 98% PS

C₈H₅F₇O
 M: 242,12 CAS: 401-95-6 NC: 2913 00 00
 Signal Word: Warning



H319-H335-H315

11-1,469kg 1kg-0,6811
SPECIFICATIONS:
 Assay 98 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
15C076.1603	1 ml	6
15C076.1604	5 ml	6

N,O-Bis (Trimethylsilyl) Acetamide CG

for derivatization (GC)
 C₈H₁₈NOSi₂
 M: 203,43 CAS: 10416-59-8 EINECS: 233-892-7 NC: 2931 00 95 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H319-H335-H315

11-0,823kg 1kg-1,2151
SPECIFICATIONS:
 Minimum assay (G.C.) 90 %
 Identity..... IR p/t.
 Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355788.1905	10 ml	6
355788.2522	10 x 10 ml	6

N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG

for derivatization (GC)
 C₈H₁₈F₃NOSi₂
 M: 257,41 CAS: 25561-30-2 EINECS: 247-103-9 NC: 2931 00 95 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226

11-0,974kg 1kg-1,0271
SPECIFICATIONS:
 Minimum assay (G.C.) 98,0 %
 Identity..... IR p/t.
 Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355588.0922	20 x 1 ml	6
355588.1905	10 ml	6
355588.2522	10 x 10 ml	6

BIS-TRIS

(see 2,2-Bis (Hydroxyethyl)-Imino tris (Hydroxymethyl) Methane)

Biuret's Reagent DC

for determination of proteins
 NC: 3822 00 00
 H412
 11-1,059kg 1kg-0,9441
 Composition:
 Copper(II) Sulphate 5-hydrate..... 1,5 g
 Sodium and Potassium Tartrate 4-hydrate..... 4,5 g
 Potassium Iodide..... 0,5 g
 Sodium Hydroxide pellets 0,8 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
251820.1208	100 ml	6

Blue for fast staining (Panoptic No. 3) DC

blood smear staining or medullary smear staining
 NC: 3822 00 00
 11-1,007kg 1kg-0,9931
 Composition:
 Azur B..... 2 g
 Buffer solution pH 7 s.q.m..... 1000 ml

Order code	Package	Units/Box st.
253998.1210	500 ml	6
253998.1212	2,5 l	4

Blue Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00

1l-1,044kg 1kg-0,958l

SPECIFICATIONS:

Assay (as CuSO₄·5H₂O) 62,35-62,45 g/l
 λ of max. ABS in H₂O 805-810 nm
 ABS at λ max. in H₂O 0,590-0,610

Order code	Package	Units/Box st.
125417.1208	100 ml	6

N-Boc-L-Alanine, 98% PS

C₆H₁₃NO₄

M: 189,21 CAS: 15761-38-3 EINECS: 239-847-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A479.1604	5 g	6
15A479.1606	25 g	6

N-α-Boc-L-Asparagine, 98% PS

C₉H₁₆N₂O₅

M: 232,23 CAS: 7536-55-2 EINECS: 231-405-2 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A480.1604	5 g	6
15A480.1606	25 g	6

N-Boc-L-Aspartic Acid, 98% PS

C₉H₁₅NO₅

M: 233,22 CAS: 13726-67-5 EINECS: 237-294-7 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A481.1603	1 g	6
15A481.1605	10 g	6

N-Boc-L-Glutamic Acid, 98% PS

M: 247,24 CAS: 2419-94-5 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A482.1604	5 g	6
15A482.1606	25 g	6

N-Boc-Glycine, 98% PS

C₇H₁₃NO₄

M: 175,18 CAS: 4530-20-5 EINECS: 224-864-5 NC: 2922 50 00

Signal Word: Danger

H318

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A483.1604	5 g	6
15A483.1605	10 g	6

N-α-Boc-L-Histidine, 98% PS

C₁₁H₁₇N₃O₄

M: 255,27 CAS: 17791-52-5 EINECS: 241-768-9 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A484.1603	1 g	6
15A484.1604	5 g	6

N-Boc-L-Isoleucine 1/2-hydrate, 98% PS

C₁₁H₂₁NO₄·1/2 H₂O

M: 240,29 CAS: 13139-16-7 EINECS: 236-074-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %
 Identity IR p/t
 Specific rotation [α]_D²⁰ c=2 (in CH₃COOH) +2,3 to +3,3°

Order code	Package	Units/Box st.
15A485.1604	5 g	6
15A485.1606	25 g	6

N-Boc-L-Leucine 1-hydrate, 98% PS

C₁₁H₂₁NO₄·H₂O

M: 249,30 CAS: 13139-15-6 EINECS: 236-073-2 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A486.1604	5 g	6
15A486.1606	25 g	6

N-Boc-L-Methionine, 98% PS

C₁₀H₁₉NO₃S

M: 249,32 CAS: 2488-15-5 EINECS: 219-639-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A488.1604	5 g	6
15A488.1606	25 g	6

Boc-ON, 98% PS

C₁₃H₁₄N₂O₃

M: 246,26 CAS: 58632-95-4 EINECS: 261-370-9 NC: 2925 29 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A570.1606	25 g	6
15A570.1608	100 g	6

N-Boc-L-Phenylalanine, 98% PS

C₁₄H₁₉NO₄

M: 265,30 CAS: 13734-34-4 EINECS: 237-305-5 NC: 2922 50 00

Signal Word: Warning

H302-H319

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A489.1604	5 g	6
15A489.1606	25 g	6

N-Boc-L-Proline, 98% PS

C₁₀H₁₇NO₄

M: 215,24 CAS: 15761-39-4 EINECS: 239-848-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A490.1606	25 g	6

N-Boc-L-Serine hydrate, 98% PS

C₈H₁₅NO₅·xH₂O

M: 205,21 CAS: 3262-72-4 EINECS: 221-867-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A491.1604	5 g	6
15A491.1606	25 g	6

N-Boc-L-Threonine, 98% PS

C₉H₁₇NO₅

M: 219,23 CAS: 2592-18-9 EINECS: 219-987-6 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A492.1603	1 g	6
15A492.1604	5 g	6

N-α-Boc-L-Tryptophan, 98% PS

C₁₈H₂₀N₂O₄

M: 304,34 CAS: 13139-14-5 EINECS: 236-072-7 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A493.1604	5 g	6
15A493.1606	25 g	6

N-Boc-L-Tyrosine, 98% PS

C₁₄H₁₉NO₅
M: 281,30 CAS: 3978-80-1 EINECS: 223-613-7 NC: 2922 50 00
SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A494.1604	5 g	6
15A494.1606	25 g	6

N-Boc-D-Valine, 98% PS

C₁₀H₁₉NO₄
M: 217,26 CAS: 22838-58-0 NC: 2922 50 00
SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A467.1603	1 g	6
15A467.1604	5 g	6

N-Boc-L-Valine, 98% PS

C₁₀H₁₉NO₄
M: 217,26 CAS: 13734-41-3 EINECS: 237-307-6 NC: 2922 50 00
SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A414.1604	5 g	6
15A414.1606	25 g	6

Borax

(see di-Sodium tetra-Borate)

Boric Acid PA-ACS-ISO

H₃BO₃
M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
Signal Word: Danger

H360FD
SPECIFICATIONS:
 Minimum assay (Acidim.) 99,8 %

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Insoluble matter in CH₃OH 0,005 %
 Residue on ignition (CH₃OH+HCl) (as SO₃) 0,05 %
 Chloride (Cl) 0,0005 %
 Phosphate (PO₄) 0,0005 %
 Sulphate (SO₄) 0,002 %
 Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cu 5	Ni 5
Al 5	Fe 1	Pb 5
As 0,5	Ga 5	Pt 5
Au 5	Ge 5	Sb 5
Ba 5	In 5	Si 5
Be 5	K 50	Sn 5
Bi 5	Li 5	Sr 5
Ca 20	Mg 5	Ti 5
Cd 5	Mn 5	Tl 5
Co 5	Mo 5	V 5
Cr 5	Na 50	Zn 5
		Zr 5

Order code	Package	Units/Box st.
131015.1210	500 g	6
131015.1211	1000 g	6
131015.1214	5 kg	4
131015.0416	25 kg	4

Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

H₃BO₃
M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
Signal Word: Danger

H360FD
SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s. 99,5-100,5 %
 Identity according to Pharmacopoeias p/t.
 pH of 3,3% solution 3,8-4,8

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in C₂H₅OH p/t.
 Loss on drying 0,5 %
 Residue on ignition (CH₃OH+HCl) (as SO₃) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Organic substances p/t.
 Chloride (Cl) 0,002 %
 Phosphate (PO₄) 0,002 %
 Sulphate (SO₄) 0,045 %
 Heavy metals (as Pb) 0,0015 %
 As 0,0005 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141015.1210	500 g	6
141015.1211	1000 g	6
141015.0914	5 kg	4
141015.0416	25 kg	4

BORIC ACID SOLUTIONS

(see also Ammonia Fixative Solution)

Boric Acid solution 3% RV

for ammonia titration
 H₃BO₃
M: 61,84 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
 1l~1,010kg 1kg~0,990l
SPECIFICATIONS:
 Assay (Acidim.) 2,95-3,05 %

Order code	Package	Units/Box st.
282928.1211	1000 ml	6

Boric Acid solution 4% RV

for ammonia titration
 H₃BO₃
M: 61,84 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
 1l~1,015kg 1kg~0,985l
SPECIFICATIONS:
 Assay (Acidim.) 3,9-4,1 %

Order code	Package	Units/Box st.
282222.1211	1000 ml	6
282222.1214	5 l	4

Boric Acid in tablets PA

for X-ray fluorescence
 H₃BO₃
M: 61,83 CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90
Signal Word: Danger

H360FD
SPECIFICATIONS:
 Minimum assay (Acidim.) 99,8 %

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Insoluble matter in CH₃OH 0,005 %
 Residue on ignition (CH₃OH+HCl)(as SO₃) 0,05 %
 Chloride (Cl) 0,0005 %
 Phosphate (PO₄) 0,0005 %
 Sulphate (SO₄) 0,002 %
 Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 5	Pt 5
Al 5	Ga 5	Sb 5
As 0,5	Ge 5	Si 5
Au 5	In 5	Sn 5
Ba 5	K 50	Sr 5
Be 5	Li 5	Ti 5
Bi 5	Mg 5	Tl 5
Ca 20	Mn 5	V 5
Cd 5	Mo 5	Zn 5
Co 5	Na 50	Zr 5
Cr 5	Ni 5	
Cu 5	Pb 5	

Order code	Package	Units/Box st.
125596.1211	1000 g	6

Boric-Potasic Tartrate

(see Potassium Boron Tartrate)

(-)-Borneol, 98% PS

C₁₀H₁₈O

M: 154,25 CAS: 464-45-9 EINECS: 207-353-1 NC: 2906 19 00 UN: 1312

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

1l-0,994kg 1kg-1,006l

SPECIFICATIONS:

Minimum assay (G.C.) isomers mixture..... 98 %

Identity..... IR p/t

Melting range..... 205-208°C

[α]_D²⁰ c=5 (in ethanol abs.)..... -35 to -37°

Order code	Package	Units/Box st.
15A583.1606	25 g	6

Bornyl Alcohol

(see (-)-Borneol)

BORON SOLUTION

(see Standards for ICP)

Boron Potassium Tartrate

(see Potassium Boron Tartrate)

Boron Trifluoride 14% in methanol PS

CH₃BF₃O

M: 99,85 CAS: 16045-88-8 EINECS: 206-766-4 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,92kg 1kg-1,09l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 14 %

Order code	Package	Units/Box st.
15A734.1608	100 ml	6
15A734.1610	500 ml	6

Boron Trifluoride-Diethyl Ether (complex) PS

C₄H₁₀BF₃O

M: 141,93 CAS: 109-63-7 EINECS: 203-689-8 NC: 2931 00 95 UN: 2604

IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809

Signal Word: Danger



H314-H331-H314

1l-1,125kg 1kg-0,888l

SPECIFICATIONS:

Assay (as BF₃)..... 45-50 %

Density at 20/4..... 1,124-1,127

Order code	Package	Units/Box st.
15A735.1608	100 ml	6
15A735.1610	500 ml	6

Bouin Liquor DC

for microscopy, histology fixing

NC: 3822 00 00

Signal Word: Danger



H331-H311-H301-H317-H314

1l-1,029kg 1kg-0,972l

Composition:

Picric Acid moistened with ~33% of H₂O..... 1,125 g

Acetic Acid Glacial..... 5 ml

Formaldehyde 35-40%..... 25 ml

Water..... 77 ml

Order code	Package	Units/Box st.
254102.1611	1000 ml	6

Brij® 35 QP

(® Registered trade-mark of ICI)

CAS: 9002-92-0 EINECS: 500-002-6 NC: 2905 49 80

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Melting range..... 38-41°C

Residue on ignition (as SO₂)..... 0,5 %

Acidity value..... 2

Hydroxyl value..... 40-50

Saponification value..... 2

Order code	Package	Units/Box st.
212316.1211	1000 g	6
212316.0914	5 kg	PP

Brij® 35 aqueous solution 30% w/v DC

(® Registered trade-mark of ICI)surfactants for automatical analysis

CAS: 9002-92-0 NC: 2905 49 80

Signal Word: Warning



H302-H319

1l-1,025kg 1kg-0,976l

Composition:

Brij® 35..... 30 g

Water s.q.m..... 100 ml

Heat to ~35°C before use.

Order code	Package	Units/Box st.
252317.1611	1000 ml	6

Brilliant Blue FCF (C.I. 42090) DC

C₃₇H₃₄N₂Na₂O₉S₃

M: 792,86 CAS: 3844-45-9 EINECS: 223-339-8 NC: 3204 12 00

SPECIFICATIONS:

Identity..... IR p/t

λ of max. ABS in H₂O..... 628-631 nm

A 1%, 1 cm, λ_{max}..... >1150

Ratio λ_{max}. P ± 15 nm..... 1,0-1,15

T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 15 %

Order code	Package	Units/Box st.
254367.1606	25 g	6

Brilliant Cresyl Blue (C.I. 51010) DC

for microscopy, platelets and thrombocytes staining

C₁₇H₂₀ClN₃O

M: 317,79 CAS: 81029-05-2 EINECS: 279-675-0 NC: 3204 13 00

SPECIFICATIONS:

Identity..... IR p/t

λ of max. ABS in ethanol 50%..... 622-635 nm

Ratio λ_{max}. P ± 15 nm..... 1,03-1,20

T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 10 %

Order code	Package	Units/Box st.
251169.1604	5 g	6
251169.1606	25 g	6

Brilliant Green (C.I. 42040) DC

for microscopy, vegetal tissue staining

C₂₇H₃₄N₂O₄S

M: 482,64 CAS: 633-03-4 EINECS: 211-190-1 NC: 3204 13 00

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Identity..... IR p/t

λ of max. ABS in C₂H₅OH 50%..... 628-632 nm

A 1%, 1cm, λ_{max}..... >1750

Ratio λ_{max}. P ± 15 nm..... 0,94-1,14

T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 5 %

Order code	Package	Units/Box st.
251758.1606	25 g	6
251758.1608	100 g	6

Brilliant Green aqueous solution 5% DC

for microscopy, vegetal tissue staining

CAS: 633-03-4 EINECS: 211-190-1 NC: 3204 13 00

1l-1,008kg 1kg-0,992l

Composition:

Brilliant Green..... 5 g

Water s.q.m..... 100 ml

Order code	Package	Units/Box st.
252339.1608	100 ml	6
252339.1609	250 ml	6

BROMIDE SOLUTION

(see Standards for Ionic Chromatography)

Bromine (Reag. Ph. Eur.) PA-ACS-ISO

Br₂
 M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
 IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
 Signal Word: Danger

H330-H314-H400
 1l-3,190kg 1kg-0,313l

SPECIFICATIONS:
 Minimum assay (Iodom.) 99,5 %

MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter 0,005 %
 Chlorine (Cl) 0,05 %
 Iodine (I) 0,0005 %
 Organic brominated compounds p/t
 Sulphur compounds (as S) 0,001 %
 Heavy metals (as Pb) 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe 0,5	Pt 0,1
Al 0,5	Ga 0,1	Sb 0,1
As 0,5	Ge 0,1	Si 0,4
Au 0,1	Hg 0,1	Sn 0,1
B 0,2	In 0,1	Sr 5
Ba 0,5	K 5	Ti 0,1
Be 0,5	Li 0,2	Tl 0,1
Bi 0,1	Mg 5	V 0,1
Ca 5	Mn 0,2	Zn 0,5
Cd 0,2	Mo 0,1	Zr 0,1
Co 0,2	Na 5	
Cr 0,2	Ni 0,2	
Cu 0,2	Pb 0,5	

Order code	Package	Units/Box st.
131199.2208	100 ml	6
131199.2209	250 ml	6

Bromine PRS

Br₂
 M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
 IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
 Signal Word: Danger

H330-H314-H400
 1l-3,190kg 1kg-0,313l

SPECIFICATIONS:
 Assay (Iodom.) 99 %
 Non-volatile matter 0,05 %
 Chlorine (Cl) 0,3 %
 Iodine (I) 0,001 %
 Sulphate (SO₄) 0,003 %
 As 0,0001 %
 Cu 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
141199.2208	100 ml	6
141199.2209	250 ml	6

Bromine, 99% PS

Br₂
 M: 159,82 CAS: 7726-95-6 EINECS: 231-778-1 NC: 2801 30 90 UN: 1744
 IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
 Signal Word: Danger

H330-H314-H400
 1l-3,190kg 1kg-0,313l

SPECIFICATIONS:
 Minimum assay (Iodom.) 99 %

Order code	Package	Units/Box st.
161199.2209	250 ml	6
161199.2211	1000 ml	3

Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV

Indicator: Starch
 NC: 3822 00 00
 1l-1,011kg 1kg-0,989l

SPECIFICATIONS:
 Titer 1,000 ±0,001

Order code	Package	Units/Box st.
182000.1211	1000 ml	6

Bromine Index AMCS solution PA

NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H225-H314-H331-H311-H301-H351-H372-EUH059

1l-1,10kg 1kg-0,90l
 Composition:
 Acetic Acid glacial 71,4 ml
 Sulphuric Acid 20% 1,8 ml
 Carbon Tetrachloride 13,4 ml
 Methanol 13,4 ml

Order code	Package	Units/Box st.
124850.1611	1000 ml	6

Bromine Index AMDS solution PA

NC: 3822 00 00 UN: 1760
 UN: 1760 ADR: 8/II IMDG: 8/II IATA: 8/II PAX: 808 CAO: 812 (E)
 Signal Word: Danger

H225-H314-H332-H312-H302-H351

1l-1,062kg 1kg-0,941l
 Composition according to ASTM D2710-99 and ASTM D1159-07:
 Acetic Acid glacial 71,4 ml
 Sulphuric Acid (1+5) 1,8 ml
 Zn 13,4 ml
 Dichloromethane 13,4 ml

Order code	Package	Units/Box st.
125535.1611	1000 ml	6

Bromine Index AMPS solution PA

NC: 3822 00 00 UN: 1760
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H225-H314-H332-H302-

1l-1,027kg 1l-0,973l
 Composition:
 Acetic Acid glacial 71,4 ml
 Sulphuric Acid 20% 1,8 ml
 Methanol 13,4 ml
 1-Methyl-2-Pyrrolidone 13,4 ml

Order code	Package	Units/Box st.
125397.1211	1000 ml	6

Bromine Iodide

(see Iodine mono-Bromide)

Bromine Water saturated solution RE

Br₂
 M: 159,92 CAS: 7726-95-6 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H331-H319-H315-H411
 1l-1,03kg 1kg-0,97l

Composition:
 Bromine 1,5 ml
 Water 100 ml

Order code	Package	Units/Box st.
171072.1610	500 ml	6

4-Bromoacetanilide, 98% PS

C₈H₈BrNO
 M: 214,07 CAS: 103-88-8 EINECS: 203-154-9 NC: 2924 29 95

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Melting range 167-170°C

Order code	Package	Units/Box st.
15A644.1608	100 g	6

Bromoacetic Acid, 99% PS

C₂H₃BrO₂
 M: 138,95 CAS: 79-08-3 EINECS: 201-178-5 NC: 2915 29 00 UN: 3425
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 822
 Signal Word: Danger

H331-H311-H301-H314-H317-H400

SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
15A977.1609	250 g	6
15A977.1611	1000 g	6

Bromoacetic Acid Ethyl Ester

(see Ethyl Bromoacetate)

3'-Bromoacetophenone, 98% PS

C₈H₇BrO

M: 199,05 CAS: 2142-63-4 EINECS: 218-396-0 NC: 2914 70 00

Signal Word: Warning



H319-H335-H315

1l-1,496kg 1kg-0,668l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B348.1604	5 ml	6
15B348.1606	25 ml	6
15B348.1608	100 ml	6

4'-Bromoacetophenone, 98% PS

C₈H₇BrO

M: 199,05 CAS: 99-90-1 EINECS: 202-799-3 NC: 2914 70 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B349.1606	25 g	6
15B349.1608	100 g	6

2-Bromoaniline, 98% PS

C₆H₆BrN

M: 172,03 CAS: 615-36-1 EINECS: 210-421-3 NC: 2921 42 10 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

1l-1,578kg 1kg-0,634l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B235.1606	25 g	6
15B235.1608	100 g	6

4-Bromoaniline (Reag. USP) PA

BrC₆H₄NH₂

M: 172,03 CAS: 106-40-1 EINECS: 203-393-9 NC: 2921 42 10 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t.

Melting range 62-64°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH 0,01 %

Residue on ignition (as SO₄) 0,05 %

Water (H₂O) 0,25 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
122842.1606	25 g	6

4-Bromoaniline, 98% PS

BrC₆H₄NH₂

M: 172,03 CAS: 106-40-1 EINECS: 203-393-9 NC: 2921 42 10 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Melting range 61-66°C

Order code	Package	Units/Box st.
162842.1608	100 g	6

3-Bromoanisole, 98% PS

C₇H₇BrO

M: 187,04 CAS: 2398-37-0 EINECS: 219-264-5 NC: 2909 30 38

H412

1l-1,477kg 1kg-0,677l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B243.1608	100 ml	6

3-Bromobenzaldehyde, 97% PS

C₇H₅BrO

M: 185,03 CAS: 3132-99-8 EINECS: 221-526-9 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

1l-1,587kg 1kg-0,630l

SPECIFICATIONS:

Assay 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B289.1606	25 ml	6
15B289.1608	100 ml	6

4-Bromobenzaldehyde, 99% PS

C₇H₅BrO

M: 185,02 CAS: 1122-91-4 EINECS: 214-365-0 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B290.1606	25 g	6
15B290.1608	100 g	6

Bromobenzene, 99% PS

C₆H₅Br

M: 157,02 CAS: 108-86-1 EINECS: 203-623-8 NC: 2903 69 90 UN: 2514

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H411

1l-1,496kg 1kg-0,668l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Density at 20/4 1,494-1,497

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A737.1609	250 ml	6
15A737.1611	1000 ml	6
15A737.1214	5 l	4

2-Bromobenzoic Acid, 99% PS

C₇H₅BrO₂

M: 201,03 CAS: 88-65-3 EINECS: 201-848-6 NC: 2916 39 00

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Melting range 147-149°C

Order code	Package	Units/Box st.
15B577.1208	100 g	6

4-Bromobenzonitrile, 99% PS

C₇H₄BrN

M: 182,03 CAS: 623-00-7 EINECS: 210-764-9 NC: 2926 90 95 UN: 3439

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302-H319-H412

1l-1,562kg 1kg-0,640l

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B301.1605	10 g	6
15B301.1607	50 g	6

2-Bromobenzoyl Chloride, 98% PS

C₇H₅BrClO
 M: 219,46 CAS: 7154-66-7 EINECS: 230-507-4 NC: 2916 39 00 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,674kg 1kg-0,597l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B377.1605	10 ml	6
15B377.1607	50 ml	6

3-Bromobenzoyl Chloride, 98% PS

C₇H₅BrClO
 M: 219,47 CAS: 1711-09-7 EINECS: 216-97-89 NC: 2916 39 00 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,662kg 1kg-0,602l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B378.1604	5 ml	6
15B378.1606	25 ml	6

4-Bromobenzoyl Chloride, 98% PS

C₇H₅BrClO
 M: 219,47 CAS: 586-75-4 EINECS: 209-580-1 NC: 2916 39 00 UN: 3261
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H314
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B379.1605	10 g	6
15B379.1606	25 g	6

2-Bromobenzyl Bromide, 98% PS

C₇H₅Br₂
 M: 249,94 CAS: 3433-80-5 EINECS: 222-334-8 NC: 2903 69 90 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H314
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B364.1606	25 g	6

3-Bromobenzyl Bromide, 99% PS

C₇H₅Br₂
 M: 249,94 CAS: 823-78-9 EINECS: 212-519-1 NC: 2903 69 90 UN: 3261
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H314-H335
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B365.1604	5 g	6
15B365.1606	25 g	6

4-Bromobenzyl Bromide, 98% PS

C₇H₅Br₂
 M: 249,94 CAS: 589-15-1 EINECS: 209-636-5 NC: 2903 69 90 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H314-H335
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B366.1606	25 g	6
15B366.1608	100 g	6

3-Bromobenzyl Chloride, 99% PS

C₇H₅BrCl
 M: 205,48 CAS: 932-77-4 NC: 2903 69 90
 Signal Word: Danger

H314
 1l-1,608kg 1kg-0,622l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B367.1604	5 ml	6
15B367.1606	25 ml	6

4-Bromobiphenyl, 98% PS

C₁₂H₉Br
 M: 233,12 CAS: 92-66-0 EINECS: 202-176-6 NC: 2903 69 90
 Signal Word: Warning

H319-H335-H315
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.
 Melting range 87-90°C

Order code	Package	Units/Box st.
15A953.1605	10 g	6
15A953.1607	50 g	6

1-Bromobutane, 98% PS

C₄H₉Br
 M: 137,03 CAS: 109-65-9 EINECS: 203-691-9 NC: 2903 39 19 UN: 1126
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H319-H335
 1l-1,273kg 1kg-0,786l
 SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,270-1,275
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A600.1610	500 ml	6
15A600.1611	1000 ml	6

1-Bromo-4-Chlorobutane, 98% PS

C₄H₈BrCl
 M: 171,47 CAS: 6940-78-9 EINECS: 230-089-3 NC: 2903 49 80 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H319-H335-H315
 1l-1,489kg 1kg-0,672l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B453.1606	25 ml	6
15B453.1608	100 ml	6

Bromochlorophenol Blue PA

pH indicator 3,0 yellow; 4,6 purple blue
 C₁₉H₁₀Br₂Cl₂O₅S
 M: 581,08 CAS: 2553-71-1 EINECS: 219-861-0 NC: 2932 99 85

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in NaOH 0,002 mol/l 588-592 nm
 A 1%, 1 cm, λmax >900
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 pH transition interval:
 yellow 3,0
 purple blue 4,6
 Insoluble matter in C₂H₅OH p/t.
 Loss on drying at 135°C 5 %
 Residue on ignition (as SO₂) 0,5 %

Order code	Package	Units/Box st.
122593.1604	5 g	6

3-Bromo-α-Chlorotoluene

(see 3-Bromobenzyl Chloride)

2-Bromocinnamic Acid, 98% PS

C₉H₇BrO₂

M: 227,10 CAS: 7345-79-1 EINECS: 231-353-0 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C138.1604	5 g	6
15C138.1606	25 g	6

3-Bromocinnamic Acid, 98% PS

C₉H₇BrO₂

M: 227,05 CAS: 32862-97-8 EINECS: 251-267-7 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C143.1604	5 g	6
15C143.1606	25 g	6

4-Bromocinnamic Acid, 99% PS

C₉H₇BrO₂

M: 227,05 CAS: 50663-21-3 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C148.1604	5 g	6
15C148.1606	25 g	6

Bromocresol Green PA-ACS

pH indicator 3,8 yellow; 5,4 blue

C₂₁H₁₆Br₂O₅S

M: 698,04 CAS: 76-60-8 EINECS: 200-972-8 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t.
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

yellow 3,8
blue 5,4
Transition interval according to ACS p/t.
Insoluble matter in C₂H₅OH p/t.
Loss on drying at 110°C 5 %
Residue on ignition (as SO₃) 0,5 %

Order code	Package	Units/Box st.
131759.1603	1 g	6
131759.1604	5 g	6
131759.1606	25 g	6

Bromocresol Green solution 0,04% RV

pH indicator 3,6 yellow; 5,4 blue

C₂₁H₁₆Br₂O₅S

M: 698,04 CAS: 76-60-8 NC: 3822 00 00

1l-0,979kg 1kg-1,021l

Composition:

Bromocresol green 40 mg
Ethanol absolute 17 ml
Sodium Hydroxide 0,1 mol/l 0,58 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281760.1208	100 ml	6

Bromocresol Purple PA

pH indicator 5,2 greenish yellow; 6,8 bluish purple

C₂₁H₁₆Br₂O₅S

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2934 99 90

SPECIFICATIONS:

Identity IR p/t.
λ₁ of max. ABS at pH 5,2 427-433 nm
λ₂ of max. ABS at pH 6,8 588-590 nm
A 1%, 1 cm, λ₁ max. (calc. a.d.s.) >400
A 1%, 1 cm, λ₂ max. (calc. a.d.s.) >950
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

greenish yellow 5,2
bluish purple 6,8
Insoluble matter in C₂H₅OH p/t.
Loss on drying at 110°C 1 %
Residue on ignition (as SO₃) 0,5 %

Order code	Package	Units/Box st.
121546.1604	5 g	6
121546.1606	25 g	6

Bromocresol Purple Sodium Salt PA

pH indicator 5,2 greenish yellow; 6,8 bluish purple

C₂₁H₁₅Br₂NaO₅S

M: 562,22 CAS: 62625-30-3 EINECS: 263-655-3 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t.
λ₁ of max. ABS at pH 5,2 429-433 nm
λ₂ of max. ABS at pH 6,8 588-590 nm
A 1%, 1 cm, λ₁ max. >300
A 1%, 1 cm, λ₂ max. >750
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

greenish yellow 5,2
bluish purple 6,8
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
125027.1604	5 g	6

BROMOCRESOL PURPLE SOLUTIONS

Bromocresol Purple solution 0,025% RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

C₂₁H₁₆Br₂O₅S

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2932 29 85

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

pH transition interval:

greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.
282861.1211	1000 ml	6

Bromocresol Purple solution 0,04% RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

C₂₁H₁₆Br₂O₅S

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 2932 29 85

1l-0,976kg 1kg-1,024l

SPECIFICATIONS:

pH transition interval:

greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.
281547.1208	100 ml	6

Bromocresol Purple 0,2% tablets 0,1g RV

pH indicator 5,2 greenish yellow; 6,8 bluish purple

C₂₁H₁₆Br₂O₅S

M: 540,24 CAS: 115-40-2 EINECS: 204-087-8 NC: 3822 00 00

SPECIFICATIONS:

λ₁ of max. ABS at pH 5,2 427-432 nm
λ₂ of max. ABS at pH 6,8 588-590 nm
ABS at λ₁ max. (0,4% sol.) 0,30-0,38
ABS at λ₂ max. (0,4% sol.) 0,70-0,90

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

greenish yellow 5,2
bluish purple 6,8

Order code	Package	Units/Box st.
283357.1209	250 g	6 (*)

(*) 2500 tablets of 0,1 g

Bromocyclopropane

(see Cyclopropyl Bromide)

1-Bromo-2,3-Dichlorobenzene

(see 3-Bromo-1,2-Dichlorobenzene)

1-Bromo-2,4-Dichlorobenzene

(see 4-Bromo-1,3-Dichlorobenzene)

1-Bromo-3,4-Dichlorobenzene

(see 4-Bromo-1,2-Dichlorobenzene)

3-Bromo-1,2-Dichlorobenzene, 98% PS

C₆H₃BrCl₂

M: 225,89 CAS: 56961-77-4 EINECS: 260-476-2 NC: 2903 69 90

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C017.1606	25 g	6
15C017.1608	100 g	6

4-Bromo-1,2-Dichlorobenzene, 98% PS

C₆H₃BrCl₂

M: 225,89 CAS: 18282-59-2 EINECS: 242-160-6 NC: 2903 69 90

Signal Word: Warning

H319-H335-H315

1l-1,761 kg 1kg-0,568l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C020.1604	5 ml	6
15C020.1606	25 ml	6

4-Bromo-1,3-Dichlorobenzene, 98% PS

C₆H₃BrCl₂

M: 225,89 CAS: 1193-72-2 EINECS: 214-778-6 NC: 2903 69 90

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C028.1604	5 g	6
15C028.1606	25 g	6

4-Bromo-2,6-Dimethylaniline, 98% PS

C₈H₈BrN

M: 200,07 CAS: 24596-19-8 EINECS: 246-337-9 NC: 2921 42 90

Signal Word: Warning

H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C022.1604	5 g	6
15C022.1606	25 g	6

1-Bromo-2,3-Dimethylbenzene

(see 3-Bromo-1,2-Dimethylbenzene)

3-Bromo-1,2-Dimethylbenzene, 99% PS

C₈H₈Br

M: 185,06 CAS: 576-23-8 EINECS: 209-398-2 NC: 2903 69 90

Signal Word: Warning

H319-H335-H315

1l-1,365kg 1kg-0,733l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C011.1604	5 ml	6
15C011.1606	25 ml	6

Bromoethane, 99% PS

C₂H₅Br

M: 108,97 CAS: 74-96-4 EINECS: 200-825-8 NC: 2903 39 19 UN: 1891

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger

H225-H332-H302-H351

1l-1,459kg 1kg-0,685l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 1,458-1,460
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A738.1609	250 ml	6
15A738.1611	1000 ml	6

2-Bromoethylammonium Bromide, 99% PS

C₂H₄Br₂N

M: 204,90 CAS: 2576-47-8 EINECS: 219-924-2 NC: 2921 19 80

SPECIFICATIONS:

Minimum assay (Arg.) 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A627.1608	100 g	6

4-Bromo-2-Fluoroaniline, 98% PS

C₆H₅BrFN

M: 190,01 CAS: 367-24-8 EINECS: 206-685-4 NC: 2921 42 10

Signal Word: Warning

H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C012.1605	10 g	6
15C012.1607	50 g	6

3-Bromo-4-Fluorobenzaldehyde, 98% PS

C₇H₅BrFO

M: 203,01 CAS: 77771-02-9 EINECS: 278-764-1 NC: 2913 00 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C077.1604	5 g	6
15C077.1606	25 g	6

4-Bromo-2-Fluorobenzaldehyde, 96% PS

C₇H₅BrFO

M: 203,01 CAS: 57848-46-1 NC: 2913 00 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 96 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C082.1604	5 g	6
15C082.1606	25 g	6

5-Bromo-2-Fluorobenzaldehyde, 98% PS

C₇H₅BrFO

M: 203,01 CAS: 93777-26-5 EINECS: 298-056-6 NC: 2913 00 00

Signal Word: Warning

H319-H335-H315

1l-1,710kg 1kg-0,585l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C085.1604	5 g	6
15C085.1606	25 g	6

1-Bromo-3-Fluorobenzene, 98% PS

C₆H₄BrF

M: 175,00 CAS: 1073-06-9 EINECS: 214-023-0 NC: 2903 69 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l-1,567kg 1kg-0,638l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15B458.1606	25 ml	6
15B458.1608	100 ml	6

2-Bromo-5-Fluorotoluene, 98% PS

C₇H₆BrF

M: 189,02 CAS: 452-63-1 EINECS: 207-203-5 NC: 2903 69 90 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l-1,495kg 1kg-0,669l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15C027.1604	5 ml	6
15C027.1606	25 ml	6

α-Bromo-4-Fluorotoluene

(see 4-Fluorobenzyl Bromide)

Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX

Br₃CH

M: 252,75 CAS: 75-25-2 EINECS: 200-854-6 NC: 2903 39 19 UN: 2515
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H302-H331-H315-H319-H411

1l-2,825kg 1kg-0,354l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity according to Pharmacopoeias p/t.
Density at 20/4 2,810-2,830

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) p/t.
Ethanol (G.C.) 1,0 %
Foreign odorous substances p/t.
Acidity p/t.
Chlorine compounds p/t.
Water (H₂O) 0,1 %
Free bromine p/t.
Bromide p/t.

Order code Package Units/Box st.

141201.1611	1000 g	6
141201.1614	5 kg	4
141201.0816	25 kg	6

Bromoform, 99% stabilized with ~1% of ethanol PS

Br₃CH

M: 252,75 CAS: 75-25-2 EINECS: 200-854-6 NC: 2903 39 19 UN: 2515
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H302-H331-H315-H319-H411

1l-2,825kg 1kg-0,354l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 2,810-2,830
Ethanol (G.C.) 1,0 %
Water (H₂O) 0,05 %

Order code Package Units/Box st.

161201.1609	250 g	6
161201.1611	1000 g	6

1-Bromoheptane, 98% PS

C₇H₁₆Br

M: 179,10 CAS: 629-04-9 EINECS: 211-068-8 NC: 2903 39 19

1l-1,142kg 1kg-0,876l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 1,137-1,145
Water (H₂O) 0,1 %

Order code Package Units/Box st.

15A601.1610	500 ml	6
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1-Bromohexane, 98% PS

C₆H₁₄Br

M: 165,08 CAS: 111-25-1 EINECS: 203-850-2 NC: 2903 39 19 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-1,176kg 1kg-0,850l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 1,174-1,178
Water (H₂O) 0,1 %

Order code Package Units/Box st.

15A602.1609	250 ml	6
15A602.1611	1000 ml	6

5-Bromoindole, 99% PS

C₈H₆BrN

M: 196,04 CAS: 10075-50-0 EINECS: 233-208-7 NC: 2933 99 90

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code Package Units/Box st.

15B654.1604	5 g	6
15B654.1206	25 g	6

1-Bromo-4-Iodobenzene, 98% stabilized with copper PS

C₆H₄BrI

M: 282,90 CAS: 589-87-7 EINECS: 209-662-7 NC: 2903 69 90

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15A340.1606	25 g	6
15A340.1608	100 g	6

1-Bromo-3-Methoxybenzene

(see 3-Bromoanisole)

Bromomethylcyclopropane, 91% PS

C₃H₅Br

M: 135,00 CAS: 7051-34-5 EINECS: 230-331-8 NC: 2903 39 19 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-1,407kg 1kg-0,710l

SPECIFICATIONS:

Minimum assay 91 %

Order code Package Units/Box st.

15A043.1603	1 ml	6
15A043.1604	5 ml	6

1-Bromo-2-Methylpropane, 99% PS

C₄H₉Br

M: 137,02 CAS: 78-77-3 EINECS: 201-141-2 NC: 2903 39 19 UN: 2342

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H335

1l-1,260kg 1kg-0,793l

SPECIFICATIONS:

Minimum assay 99 %

Order code Package Units/Box st.

15A058.1608	100 ml	6
15A058.1610	500 ml	6

2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS

C₄H₉Br
 M: 137,03 CAS: 507-19-7 EINECS: 208-065-9 NC: 2903 39 19 UN: 2342
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

 H225-H302
 1l-1,216kg 1kg-0,822l

SPECIFICATIONS:
 Minimum assay (G.C.) 97 %
 Identity IR p/t.
 Density at 20/4 1,215-1,225

Order code	Package	Units/Box st.
15A626.1608	100 ml 	6
15A626.1610	500 ml 	6
15A626.1611	1000 ml 	6

1-Bromonaphthalene, 96% PS

C₁₀H₇Br
 M: 207,08 CAS: 90-11-9 EINECS: 201-965-2 NC: 2903 69 90
 1l-1,485kg 1kg-0,673l

SPECIFICATIONS:
 Minimum assay (G.C.) 96 %
 Identity IR p/t.
 Density at 20/4 1,483-1,486

Order code	Package	Units/Box st.
15A603.1608	100 ml 	6
15A603.1610	500 ml 	6

2-Bromonaphthalene, 97% PS

C₁₀H₇Br
 M: 207,08 CAS: 580-13-2 EINECS: 209-452-5 NC: 2903 69 90

SPECIFICATIONS:
 Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B327.1604	5 g 	6
15B327.1606	25 g 	6

2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX

C₃H₅BrNO₂
 M: 199,99 CAS: 52-51-7 EINECS: 200-143-0 NC: 2905 59 99 UN: 3241
 IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 434 CAO: 434
 Signal Word: Danger

 H312-H302-H335-H315-H318-H400

SPECIFICATIONS:
 Assay (C₃H₅BrNO₂) calc. a.d.s. 99,0-101,0 %
 Identity according to Pharmacopoeias p/t.
 pH of 1% solution 5,0-7,0

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,01 %
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Related substances p/t.
 Water (H₂O) 0,5 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
144747.1208	100 g 	6
144747.1211	1000 g 	6

2-Bromo-2-Nitro-1,3-Propanediol, 98% PS

C₃H₅BrNO₂
 M: 199,99 CAS: 52-51-7 EINECS: 200-143-0 NC: 2905 59 99 UN: 3241
 IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 434 CAO: 434
 Signal Word: Danger

 H312-H302-H335-H315-H318-H400

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
154747.1206	25 g 	6

4-Bromo-3-Nitrotoluene, 98% PS

C₇H₆BrNO₂
 M: 216,03 CAS: 5326-34-1 EINECS: 226-203-6 NC: 2904 90 85
 Signal Word: Warning

 H319-H335-H315

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B994.1604	5 g 	6
15B994.1606	25 g 	6

α-Bromo-4-Nitrotoluene

(see 4-Nitrobenzyl Bromide)

1-Bromononane, 98% PS

C₉H₁₉Br
 M: 207,16 CAS: 693-58-3 EINECS: 211-755-2 NC: 2903 39 19
 1l-1,087kg 1kg-0,920l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B326.1606	25 ml 	6
15B326.1608	100 ml 	6

1-Bromopentane, 99% PS

C₅H₁₁Br
 M: 151,05 CAS: 110-53-2 EINECS: 203-776-0 NC: 2903 39 19 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

 H226-H319-H335-H315
 1l-1,220kg 1kg-0,819l

SPECIFICATIONS:
 Minimum assay 99 %
 Identity IR p/t.
 Density at 20/4 1,215-1,218

Order code	Package	Units/Box st.
15A920.1608	100 ml 	6
15A920.1610	500 ml 	6

2-Bromophenol, 98% PS

C₆H₅BrO
 M: 173,00 CAS: 95-56-7 EINECS: 202-432-7 NC: 2908 19 00
 Signal Word: Warning

 H226-H302-H319-H335-H315
 1l-1,492kg 1kg-0,670l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B276.1605	10 ml 	6
15B276.1607	50 ml 	6

3-Bromophenol, 98% PS

C₆H₅BrO
 M: 173,02 CAS: 591-20-8 EINECS: 209-706-5 NC: 2908 19 00
 Signal Word: Warning

 H319-H335-H315

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B275.1606	25 g 	6

4-Bromophenol, 98% PS

C₆H₅BrO
 M: 173,01 CAS: 106-41-2 EINECS: 203-394-4 NC: 2908 19 00
 Signal Word: Warning

 H302-H319-H335-H315

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B277.1608	100 g 	6
15B277.1610	500 g 	6

Bromophenol Blue PA-ACS

pH indicator 3,0 greenish yellow; 4,6 blue
 $C_{19}H_{10}Br_4O_5S$

M: 669,99 CAS: 115-39-9 EINECS: 204-086-2 NC: 2932 99 85

SPECIFICATIONS:

Identity..... IR p/t
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 greenish yellow.....3,0
 blue.....4,6
 Transition interval according to ACS..... p/t
 Insoluble matter in C_2H_5OH p/t
 Loss on drying at 110°C..... 5 %
 Residue on ignition (as SO_4)..... 0,5 %
 Cu.....0,005 %
 Fe.....0,005 %
 Ni.....0,005 %
 Pb.....0,005 %

Order code	Package	Units/Box st.
131165.1604	5 g	6
131165.1606	25 g	6

Bromophenol Blue DC

for microscopy, proteins staining
 $C_{19}H_{10}Br_4O_5S$

M: 669,99 CAS: 115-39-9 EINECS: 204-086-2 NC: 2932 99 85

SPECIFICATIONS:

Identity..... IR p/t
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
251165.1604	5 g	6
251165.1606	25 g	6

Bromophenol Blue solution 0,04% RV

pH indicator 3,0 greenish yellow; 4,6 blue
 $C_{19}H_{10}Br_4O_5S$

M: 669,99 CAS: 115-39-9 NC: 3822 00 00

1l-0,976kg 1kg~1,025l

Composition:

Bromophenol Blue.....40 mg
 Sodium Hydroxide 0,1 mol/l.....1,1 ml
 Ethanol absolute.....17 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
281166.1208	100 ml	6

4-Bromophenylhydrazinium Chloride, 96% PS

$C_8H_8BrClN_2$

M: 223,51 CAS: 41931-18-4 EINECS: 255-590-4 NC: 2928 00 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay..... 96 %

Order code	Package	Units/Box st.
15A308.1605	10 g	6
15A308.1607	50 g	6

2-Bromopropane, 99% PS

C_3H_7Br

M: 123,00 CAS: 75-26-3 EINECS: 200-855-1 NC: 2903 39 19 UN: 2344

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H360F-H225-H373-H332-EUH066

1l-1,31kg 1kg~0,76l

SPECIFICATIONS:

Minimum assay..... 99 %
 Identity..... IR p/t
 Density at 20/4..... 1,310-1,315
 Water (H₂O)..... 0,1 %

Order code	Package	Units/Box st.
15A918.1609	250 ml	6
15A918.1611	1000 ml	6

Bromopyrogallol Red PA

for complexometry
 $C_{19}H_{10}Br_2O_5S$

M: 558,17 CAS: 16574-43-9 EINECS: 240-632-6 NC: 2932 29 85

SPECIFICATIONS:

Identity..... IR p/t
 λ of max. ABS in Pyridine/H₂O..... 554-560 nm
 A 1%, 1 cm, λ_{max} ≥ 650
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 2 %

Order code	Package	Units/Box st.
122638.1604	5 g	6

N-Bromosuccinimide, 98% PS

$(CH_2.CO)_2NBr$

M: 177,99 CAS: 128-08-5 EINECS: 204-877-2 NC: 2925 19 95 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Iodom.)..... 98 %
 Identity..... IR p/t
 Melting range..... 174-179°C

Order code	Package	Units/Box st.
15A834.1609	250 g	6

Bromothymol Blue PA-ACS

pH indicator 6,0 yellow; 7,6 blue
 $C_{27}H_{28}Br_2O_5S$

M: 624,40 CAS: 76-59-5 EINECS: 200-971-2 NC: 2932 99 85

SPECIFICATIONS:

Identity..... IR p/t
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 yellow.....6,0
 blue.....7,6
 Transition interval according to ACS..... p/t
 Insoluble matter in C_2H_5OH p/t
 Loss on drying at 110°C..... 5 %
 Residue on ignition (as SO_4)..... 0,5 %
 Cu.....0,005 %
 Fe.....0,005 %
 Ni.....0,005 %
 Pb.....0,005 %

Order code	Package	Units/Box st.
131167.1604	5 g	6
131167.1606	25 g	6

Bromothymol Blue DC

for microscopy, vital staining
 $C_{27}H_{28}Br_2O_5S$

M: 624,40 CAS: 76-59-5 EINECS: 200-971-2 NC: 2932 99 85

SPECIFICATIONS:

Identity..... IR p/t
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
251167.1604	5 g	6
251167.1606	25 g	6

BROMOTHYMOL BLUE SOLUTIONS

Bromothymol Blue solution 0,04% RV

pH indicator 6,0 yellow; 7,6 blue
 $C_{27}H_{28}Br_2O_5S$

M: 624,40 CAS: 76-59-5 NC: 3822 00 00

1l-0,974kg 1kg~1,027l

Composition:

Bromothymol Blue.....40 mg
 Sodium Hydroxide 0,1 mol/l.....0,8 ml
 Ethanol absolute.....20,4 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
281168.1208	100 ml	6
281168.1209	250 ml	6

Bromothymol Blue solution 0,4% VINIKIT

for determination of total acidity in wine and must. pH indicator 6,0 yellow; 7,6 blue
 $C_{27}H_{28}Br_2O_5S$
 M: 624,40 CAS: 76-59-5 NC: 3822 00 00 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

 H225
 1l-0,932kg 1kg-1,073l
 Composition:
 Bromothymol Blue.....0,4 g
 Sodium Hydroxide 0,1 mol/l.....1,8 ml
 Ethanol absolute.....50 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
624566.1209	250 ml 	6

2-Bromotoluene, 98% PS

C_7H_7Br
 M: 171,04 CAS: 95-46-5 EINECS: 202-421-7 NC: 2903 69 90
 Signal Word: Warning

 H319-H335-H315
 1l-1,42kg 1kg-0,70l
 SPECIFICATIONS:
 Assay.....98 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15B309.1606	25 ml 	6
15B309.1608	100 ml 	6

4-Bromotoluene, 98% PS

C_7H_7Br
 M: 171,05 CAS: 106-38-7 EINECS: 203-391-8 NC: 2903 69 90 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning

  H332-H302-H319-H335-H315-H411
 1l-1,400kg 1kg-0,714l
 SPECIFICATIONS:
 Assay.....98 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15B311.1608	100 ml 	6
15B311.1610	500 ml 	6

Bromotrichloromethane, 98% PS

$CBrCl_3$
 M: 198,27 CAS: 75-62-7 EINECS: 200-886-0 NC: 2903 49 80 UN: 2810
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Warning

 H332-H312-H302
 1l-2,010kg 1kg-0,497l
 SPECIFICATIONS:
 Minimum assay (G.C.).....98 %
 Identity.....IR p/t.
 Density at 20/42,00-2,01
 Water (H₂O).....0,05 %

Order code	Package	Units/Box st.
15A740.1608	100 ml 	6
15A740.1609	250 ml 	6

3-Bromo-o-Xylene

(see 3-Bromo-1,2-Dimethylbenzene)

4-Bromo-2,6-Xylidine

(see 4-Bromo-2,6-Dimethylaniline)

Bronopol

(see 2-Bromo-2-Nitro-1,3-Propanediol)

Broth (prepared for Microbiology)

(see chapter CULTIMED products)

Broth Base (prepared for Microbiology)

(see chapter CULTIMED products)

BSA

(see N,O-Bis (Trimethylsilyl) Acetamide)

BSTFA

(see N,O-Bis (Trimethylsilyl) Trifluoroacetamide)

Buffer for Fungal Falling Number RE

NC: 3822 00 00
 1l-1,006kg 1kg-0,994l
 Composition:
 Calcium Acetate 1-hydrate.....1,2 g
 Acetic Acid glacial.....0,13 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
175307.1209	250 ml 	6

IONIZATION BUFFERS FOR ATOMIC ABSORPTION

Buffer Solution Aluminium Nitrate/Cesium Chloride RE

(Al(NO₃)₃·9H₂O + CsCl in H₂O) for the ionization control in atomic absorption according to Schuhknecht and Schinkel

NC: 3822 00 00
 Signal Word: Warning

 H319-H315
 1l-1,140kg 1kg-0,877l
 SPECIFICATIONS:
 Assay (as Al(NO₃)₃·9H₂O).....247,5-252,5 g/l
 Assay (as CsCl).....49,5-50,5 g/l
 Metals by ICP [mg/Kg (ppm)]
 Li.....1
 K.....1
 Na.....5

Order code	Package	Units/Box st.
176167.1211	1000 ml 	6

Buffer Solution Cesium Chloride/Lanthanum Chloride RE

(CsCl + La₂O₃ in HCl) for the ionization control in atomic absorption according to Schinkel

NC: 3822 00 00
 1l-1,176kg 1kg-0,850l
 SPECIFICATIONS:
 Assay (as La).....95,2-105,2 g/l
 Assay (as Cs).....7,50-8,28 g/l
 Metals by ICP [mg/Kg (ppm)]

Ca	.....5
Cd	.....0,2
Co	.....1
Cr	.....1
Cu	.....0,2
Fe	.....1
K	.....1
Li	.....0,2
Mg	.....1
Mn	.....0,2
Na	.....2
Ni	.....1
Sr	.....1
Zn	.....2

Order code	Package	Units/Box st.
176168.1211	1000 ml 	6

Buffer Solution pH 10 RV

for complexometry
 NC: 3822 00 00 UN: 1719
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Danger

  H314-H411
 1l-0,977kg 1kg-1,024l
 Composition:
 Ammonium Chloride.....6,75 g
 Ammonia 30%.....35 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
281730.1208	100 ml 	6
281730.1209	250 ml 	6
281730.1211	1000 ml 	6

BUFFERS FOR CALIBRATION OF pH-METERS

Buffers, capsules

pH Buffer 4,01 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	4,00
15	4,01
20	4,01
25	4,01
30	4,01
35	4,02
40	4,03
50	4,06
60	4,08

Order code	Package	Units/Box st.
293164.1224	25 Capsules	6

pH Buffer 7,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	7,07
15	7,04
20	7,02
25	7,00
30	6,99
35	6,98
40	6,97
50	6,96
60	6,96

Order code	Package	Units/Box st.
293165.1224	25 Capsules	6

pH Buffer 9,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	9,21
15	9,14
20	9,06
25	9,00
30	8,96
35	8,92
40	8,88
50	8,83
60	8,81

Order code	Package	Units/Box st.
293166.1224	25 Capsules	6

pH Buffer 10,00 ±0,02 (25°C) (capsules) STc

NC: 3822 00 00

Signal Word: Warning



H319

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	pH
10	10,18
15	10,14
20	10,06
25	10,00
30	9,95
35	9,91
40	9,85
50	9,78
60	9,75

Order code	Package	Units/Box st.
293167.1224	25 Capsules	6

Buffers, solutions

Buffer Solution pH 1,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,005kg 1kg-0,995l

Composition:

Glycine	0,168 g
Sodium Chloride	0,132 g
Hydrochloric Acid 35%	11 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	ΔpH
0	-0,04
5	-0,01
10	-0,01
15	-0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	+0,01

Order code	Package	Units/Box st.
272580.1209	250 ml	6
272580.1211	1000 ml	6

Buffer Solution pH 2,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,007kg 1kg-0,993l

Composition:

Citric Acid 1 H ₂ O	6,430 g
Sodium Hydroxide 50% sol. w/w	3,26 ml
Hydrochloric Acid 35%	6,126 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	ΔpH
0	+0,01
5	+0,01
10	+0,01
15	0
20	0
25	0
30	0
35	0
40	0
50	0

Order code	Package	Units/Box st.
272581.1209	250 ml	6
272581.1211	1000 ml	6

Buffer Solution pH 3,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,005kg 1kg-0,995l

Composition:

Citric Acid 1 H ₂ O	8,470 g
Sodium Hydroxide 50% sol. w/w	4,3 ml
Hydrochloric Acid 35%	5,269 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T (°C)	ΔpH
0	+0,05
5	+0,05
10	+0,03
15	+0,01
20	0
25	0
30	0
35	0
40	-0,02
50	-0,03

Order code	Package	Units/Box st.
272537.1209	250 ml	6
272537.1211	1000 ml	6

Buffer Solution pH 4,00 ±0,02 (20°C) ST

NC: 3822 00 00
 1l-1,008kg 1kg-0,992l
 Composition:
 Citric Acid 1 H₂O.....11,768 g
 Sodium Hydroxide 50% sol. w/w.....6 ml
 Hydrochloric Acid 35%3,96 ml
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,05
5	+0,04
10	+0,02
15	+0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	0

Order code	Package	Units/Box st.
272168.1209	250 ml	6
272168.1211	1000 ml	6
272168.1214	5 l	4
272168.1315	10 l	(*)

Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST

NC: 3822 00 00
 1l-1,005kg 1kg-0,995l
 Composition:
 Citric Acid 1 H₂O.....11,768 g
 Sodium Hydroxide 50% sol. w/w.....6 ml
 Hydrochloric Acid 35%3,96 ml
 Amaranth4 mg/l
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,05
5	+0,04
10	+0,02
15	+0,01
20	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	0

Order code	Package	Units/Box st.
273616.0922	12 x 20 ml	6
273616.1209	250 ml	6
273616.1211	1000 ml	6
273616.1315	10 l	(*)

Buffer Solution pH 5,00 ±0,02 (20°C) ST

NC: 3822 00 00
 1l-1,015kg 1kg-0,985l
 Composition:
 Citric Acid 1 H₂O.....20,256 g
 Sodium Hydroxide 50% sol. w/w.....10,45 ml
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,06
5	+0,05
10	+0,02
15	+0,01
20	0
25	0
30	0
35	0
40	0
50	+0,01

Order code	Package	Units/Box st.
272582.1209	250 ml	6
272582.1211	1000 ml	6

Buffer Solution pH 6,00 ±0,02 (20°C) ST

NC: 3822 00 00
 1l-1,010kg 1kg-0,990l
 Composition:
 Citric Acid 1 H₂O.....12,526 g
 Sodium Hydroxide 50% sol. w/w.....8,43 ml
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,04
5	+0,02
10	+0,01
15	0
20	0
25	+0,02
30	+0,03
35	+0,03
40	+0,04
50	+0,06

Order code	Package	Units/Box st.
272549.1209	250 ml	6
272549.1211	1000 ml	6

Buffer Solution pH 7,00 ±0,02 (20°C) ST

NC: 3822 00 00
 1l-1,006kg 1kg-0,994l
 Composition:
 Potassium di-Hydrogen Phosphate3,522 g
 di-Sodium Hydrogen Phosphate 12 H₂O14,020 g
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,13
5	+0,07
10	+0,05
15	+0,02
20	0
25	-0,02
30	-0,02
35	-0,04
40	-0,05
50	-0,05

Order code	Package	Units/Box st.
272170.1209	250 ml	6
272170.1211	1000 ml	6
272170.1214	5 l	4
272170.1315	10 l	(*)

Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST

NC: 3822 00 00
 1l-1,007kg 1kg-0,993l
 Composition:
 Potassium di-Hydrogen Phosphate3,522 g
 di-Sodium Hydrogen Phosphate 12 H₂O14,020 g
 Tartrazine1,5 mg/l
 Preservative 1%5 ml
 Water s.q.m 1 l

SPECIFICATIONS:
 pH VALUES DEPENDING ON TEMPERATURE

T(°C)	ΔpH
0	+0,13
5	+0,07
10	+0,05
15	+0,02
20	0
25	-0,02
30	-0,02
35	-0,04
40	-0,05
50	-0,05

Order code	Package	Units/Box st.
273617.0922	12 x 20 ml	6
273617.1209	250 ml	6
273617.1211	1000 ml	6
273617.1315	10 l	(*)

(*) Sol-Pack pack with tap

B

Buffer Solution pH 7,02 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,008kg 1kg~0,992l

Composition:

Potassium di-Hydrogen Phosphate	3,522 g
di-Sodium Hydrogen Phosphate 12 H ₂ O	14,020 g
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,13
5.....	+0,07
10.....	+0,05
15.....	+0,02
20.....	0
25.....	-0,02
30.....	-0,02
35.....	-0,04
40.....	-0,05
50.....	-0,05

Order code	Package	Units/Box st.
273108.1209	250 ml	6
273108.1211	1000 ml	6

Buffer Solution pH 8,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,002kg 1kg~0,998l

Composition:

Boric Acid	6,928 g
Sodium Hydroxide 50% sol. w/w	3 ml
Hydrochloric Acid 35%	3,9 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,15
5.....	+0,10
10.....	+0,07
15.....	+0,04
20.....	0
25.....	-0,04
30.....	-0,06
35.....	-0,08
40.....	-0,10
50.....	-0,15

Order code	Package	Units/Box st.
272583.1209	250 ml	6
272583.1211	1000 ml	6

Buffer Solution pH 9,00 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,006kg 1kg~0,994l

Composition:

Boric Acid	3,092 g
Potassium Chloride	3,728 g
Sodium Hydroxide 50% sol. w/w	1,10 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,24
5.....	+0,16
10.....	+0,11
15.....	+0,05
20.....	0
25.....	-0,05
30.....	-0,09
35.....	-0,12
40.....	-0,15
50.....	-0,21

Order code	Package	Units/Box st.
272172.1209	250 ml	6
272172.1211	1000 ml	6
272172.1214	5 l	4
272172.1315	10 l	(*)

Buffer Solution pH 9,23 ±0,02 (20°C) ST

NC: 3822 00 00

1l-1,001kg 1kg~0,999l

Composition:

Boric Acid	2,475 g
Sodium Hydroxide pellets	0,825 g
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,24
5.....	+0,17
10.....	+0,11
15.....	+0,05
20.....	0
25.....	-0,05
30.....	-0,09
35.....	-0,12
40.....	-0,16
50.....	-0,21

Order code	Package	Units/Box st.
273107.1209	250 ml	6
273107.1211	1000 ml	6

Buffer Solution pH 10,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l-1,006kg 1kg~0,994l

Composition:

Boric Acid	3,092 g
Potassium Chloride	3,728 g
Sodium Hydroxide 50% sol. w/w	2,34 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,26
5.....	+0,17
10.....	+0,11
15.....	+0,05
20.....	0
25.....	-0,06
30.....	-0,11
35.....	-0,16
40.....	-0,18
50.....	-0,26

Order code	Package	Units/Box st.
272584.1209	250 ml	6
272584.1211	1000 ml	6
272584.1214	5 l	4

Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST

NC: 3822 00 00

1l-1,004kg 1kg~0,996l

Composition:

Boric Acid	3,092 g
Potassium Chloride	3,728 g
Sodium Hydroxide 50% sol. w/w	2,34 ml
Brilliant Blue FCF	3 mg/l
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,26
5.....	+0,17
10.....	+0,11
15.....	+0,05
20.....	0
25.....	-0,06
30.....	-0,11
35.....	-0,16
40.....	-0,18
50.....	-0,26

Order code	Package	Units/Box st.
273618.0922	12 x 20 ml	6
273618.1209	250 ml	6
273618.1211	1000 ml	6
273618.1315	10 l	(*)

Buffer Solution pH 11,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l-1,006kg 1kg-0,994l

Composition:

Boric Acid	6,209 g
Sodium Hydroxide 50% sol. w/w	5,33 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,45
5.....	+0,32
10.....	+0,20
15.....	+0,10
20.....	0
25.....	-0,10
30.....	-0,19
35.....	-0,28
40.....	-0,36
50.....	-0,52

Order code	Package	Units/Box st.
272585.1209	250 ml	6
272585.1211	1000 ml	6

Buffer Solution pH 12,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l-1,004kg 1kg-0,996l

Composition:

di-Sodium Hydrogen Phosphate 12 H ₂ O	8,955 g
Sodium Hydroxide 50% sol. w/w	1,19 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,58
5.....	+0,41
10.....	+0,26
15.....	+0,10
20.....	0
25.....	-0,12
30.....	-0,28
35.....	-0,33
40.....	-0,46
50.....	-0,67

Order code	Package	Units/Box st.
272586.1209	250 ml	6
272586.1211	1000 ml	6

Buffer Solution pH 13,00 ±0,05 (20°C) ST

NC: 3822 00 00

1l-1,008kg 1kg-0,992l

Composition:

Potassium Chloride	3,728 g
Sodium Hydroxide 50% sol. w/w	2,51 ml
Preservative 1%	5 ml
Water s.q.m	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE

T(°C).....	ΔpH
0.....	+0,80
5.....	+0,59
10.....	+0,37
15.....	+0,18
20.....	0
25.....	-0,17
30.....	-0,33
35.....	-0,41
40.....	-0,59
50.....	-0,85

Order code	Package	Units/Box st.
272587.1209	250 ml	6
272587.1211	1000 ml	6

Saline Buffers (PBS)

Buffer Solution pH 7,2 DC

for hematology, according to Weise

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

Composition:

Potassium di-Hydrogen Phosphate	40 mg
di-Sodium Hydrogen Phosphate 12-hydrate	151 mg
Water s.q.m	100 ml

Order code	Package	Units/Box st.
252164.1210	500 ml	6
252164.1211	1000 ml	6
252164.1212	2,5 l	4

Buffer Solution pH 7,40 ±0,02 (20°C) ST

(Phosphates)(Saline buffer)

NC: 3822 00 00

1l-1,006kg 1kg-0,994l

Composition:

Sodium Chloride.....	6,92 g
Potassium Chloride	0,2 g
di-Sodium Hydrogen Phosphate anhydrous.....	1,4 g
Sodium di-Hydrogen Phosphate 1 H ₂ O	0,225 g
Preservative 1%	5 ml
Water s.q.m	1 l

Order code	Package	Units/Box st.
273301.1209	250 ml	6
273301.1211	1000 ml	6

Buffer Solution pH 7,60 ±0,02 (20°C) ST

(Phosphates)(Saline buffer)

NC: 3822 00 00

1l-1,005kg 1kg-0,995l

Composition:

Sodium Chloride.....	6,92 g
Potassium Chloride	0,2 g
di-Sodium Hydrogen Phosphate anhydrous.....	1,4 g
Sodium di-Hydrogen Phosphate 1 H ₂ O	0,092 g
Preservative 1%	5 ml
Water s.q.m	1 l

Order code	Package	Units/Box st.
273302.1211	1000 ml	6

Butanal

(see n-Butyraldehyde)

Butanedioic Acid

(see Succinic Acid)

Butanedioic Anhydride

(see Succinic Anhydride)

1,3-Butanediol, 99% PS

C₄H₁₀O₂

M: 90,12 CAS: 107-88-0 EINECS: 203-529-7 NC: 2905 39 20

1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity.....	IR p/t.
Density at 20/4	1,002-1,005
Water (H ₂ O).....	0,2 %

Order code	Package	Units/Box st.
15A591.1211	1000 ml	6
15A591.1714	5 l	4

1,4-Butanediol, 99% PS

C₄H₁₀O₂

M: 90,12 CAS: 110-63-4 EINECS: 203-786-5 NC: 2905 39 25

Signal Word: Warning



H302

1l-1,015kg 1kg-0,984l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity.....	IR p/t.
Density at 20/4	1,015-1,016
Water (H ₂ O).....	0,3 %

Order code	Package	Units/Box st.
15A597.1211	1000 ml	6
15A597.1212	2,5 l	4

2,3-Butanedione, 98% PS

C₄H₆O₂

M: 86,09 CAS: 431-03-8 EINECS: 207-069-8 NC: 2914 19 90 UN: 2346
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H302

1l-0,985kg
1kg-1,015l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,983-0,987

Order code	Package	Units/Box st.
15A617.1608	100 ml	6
15A617.1610	500 ml	6

2,3-Butanedionemoxime

(see Diacetylmonoxime)

1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography

C₄H₉NaO₃S

M: 160,16 CAS: 2386-54-1 EINECS: 219-201-1 NC: 2904 10 00

SPECIFICATIONS:

Minimum assay (Acidim.) (a.d.s.) 99,0 %
Identity IR p/t
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
365769.1605	10 g	6

1-Butane Sulphonic Acid Sodium Salt, 98% PS

C₄H₉NaO₃S

M: 160,16 CAS: 2386-54-1 EINECS: 219-201-1 NC: 2904 10 00

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
155769.1604	5 g	6
155769.1606	25 g	6

Butanoic Acid

(see n-Butyric Acid)

1-Butanol (UV-IR-HPLC) PAI

CH₃(CH₂)₃OH

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H302-H315-H318-H336

CE: 603-004-00-6

1l-0,810kg 1kg-1,235l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Density at 20/4 0,808-0,810

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,03 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	210	220	230	240	250	270-450
A (AU)	1,000	0,602	0,301	0,125	0,071	0,027	0,009
T (%)	10	25	50	75	85	94	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 3,9

Eluotropic value ε°(Al₂O₃) 0,7

Sol. H₂O in solv. at 20°C 20,1

P' + 0,25 E 8,3

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361082.1611	1000 ml	6

1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO

CH₃(CH₂)₃OH

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H302-H315-H318-H336

1l-0,810kg 1kg-1,235l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,808-0,810
Boiling range 116-119°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Acetone (G.C.) 0,01 %
Isobutanol (G.C.) 0,15 %
2-Butanol (G.C.) 0,05 %
Butanal (G.C.) 0,01 %
di-n-Butyl Ether (G.C.) 0,1 %
Darkened substances by H₂SO₄ p/t
Acidity 0,0008 meq/g
Alkalinity 0,0005 meq/g
Carbonyl compounds (as C₂H₄CHO) 0,01 %
Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0		

Order code Package Units/Box st.

131082.1611	1000 ml	6
131082.1612	2,5 l	4
131082.1214	5 l	4
131082.0716	25 l	4
131082.0718	60 l	4

1-Butanol (USP-NF) PRS-CODEX

CH₃(CH₂)₃OH

M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H302-H315-H318-H336

1l-0,810kg 1kg-1,235l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t
Density at 25/25 0,807-0,809
Distillation range (117,7°C included) 1,5°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,004 %
Residual solvents (Ph.Eur./USP) p/t
Acetone (G.C.) 0,02 %
Butanal (G.C.) 0,03 %
di n-Butyl ether (G.C.) 0,2 %
Acidity 0,0008 meq/g
Alkalinity 0,001 meq/g
Aldehydes p/t
Water (H₂O) 0,1 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Complies USP 30 Specifications

Order code Package Units/Box st.

141082.1211	1000 ml	6
141082.1212	2,5 l	4
141082.1214	5 l	4
141082.0716	25 l	4
141082.0718	60 l	4

1-Butanol (F.C.C.) ADITIO

extraction solvent for industrial food use
 $CH_3(CH_2)_3OH$
 M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H302-H315-H318-H336

1l-0,810kg 1kg-1,235l

SPECIFICATIONS:

Assay (G.C.), not less than 99,5 %
 IR p/t
 Refractive index 1,397-1,402
 Acidity value, not more than 2,0
 Distillation range 1,5°C
 di-n-Butyl Ether, not more than 0,15 %
 Specific gravity 0,807-0,809
 Arsenic, not more than 1 ppm
 Lead, not more than 1 ppm
 Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201082.1214	5 l	4
201082.0716	25 l	

1-Butanol, 99,5% PS

$CH_3(CH_2)_3OH$
 M: 74,12 CAS: 71-36-3 EINECS: 200-751-6 NC: 2905 13 00 UN: 1120
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H302-H315-H318-H336

1l-0,810kg 1kg-1,235l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Density at 20/4 0,808-0,810
 Non-volatile matter 0,002 %
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161082.1211	1000 ml	6
161082.1212	2,5 l	4
161082.1714	5 l	4
161082.0616	25 l	

iso-Butanol

(see Isobutanol)

2-Butanol (Reag. Ph. Eur.) PA

$C_4H_{10}O$
 M: 74,12 CAS: 78-92-2 EINECS: 201-158-5 NC: 2905 14 90 UN: 1120
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226-H319-H335-H336

1l-0,807kg 1kg-1,239l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Density at 20/4 0,805-0,809
 Distillation range (>95% dist.) 99-100°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,002 %
 2-Methyl-2-Propanol (G.C.) 0,1 %
 2-Propanol (G.C.) 0,2 %
 Butanone (G.C.) 0,1 %
 di-n-Butyl Ether (G.C.) 0,2 %
 Darkened substances by H₂SO₄ p/t
 Acidity 0,0005 meq/g
 Alkalinity 0,0007 meq/g
 Carbonyl compounds (as C₃H₇CHO) 0,015 %
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
123851.1611	1000 ml	6
123851.1612	2,5 l	4

2-Butanol, 99% PS

$C_4H_{10}O$
 M: 74,12 CAS: 78-92-2 EINECS: 201-158-5 NC: 2905 14 90 UN: 1120
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226-H319-H335-H336

1l-0,807kg 1kg-1,239l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 0,805-0,809
 Non-volatile matter 0,002 %
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
163851.1611	1000 ml	6
163851.1612	2,5 l	4
163851.1714	5 l	4
163851.0616	25 l	

tert-Butanol

(see 2-Methyl-2-Propanol)

Butanone (Methylethylketone) (UV-IR-HPLC) PAI

$CH_3COCH_2CH_3$
 M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H319-EU066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
 Density at 20/4 0,804-0,806

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,1 %
 Suitability for IR spectrometry p/t
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	329 (Cut off)	330	340	350-450
A (AU)	1,000	0,699	0,097	0,009
T (%)	10	20	80	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 4,7
 Eluotropic value $\epsilon^{\circ}(Al_2O_3)$ 0,51
 Sol. H₂O in solv.at 20°C 23,4
 P' + 0,25 E 9,1

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361429.1611	1000 ml	6
361429.1612	2,5 l	4

Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS

CH₃COCH₂CH₃

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,804-0,808

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Insoluble matter in H₂O p/t
Non-volatile matter 0,0025 %
Acetone (G.C.) 0,05 %
2-Butanol (G.C.) 0,05 %
Mesityl oxide (G.C.) 0,05 %
2-Methyl-2-Propanol (G.C.) 0,1 %
2-Propanol (G.C.) 0,1 %
Acidity 0,0005 meq/g
Water (H₂O) 0,02 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Ga 0,02	S 0,2
Al 0,5	Ge 0,05	Sb 0,02
As 0,05	Hg 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,02	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,1
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	P 0,2	
Cu 0,02	Pb 0,1	
Fe 0,1	Pt 0,02	

Order code	Package	Units/Box st.
481429.1611	1000 ml	6

Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS

CH₃COCH₂CH₃

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/20 0,801-0,803
Boiling range 79,0-81,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Insoluble matter in H₂O p/t
Non-volatile matter 0,0025 %
Acetone (G.C.) 0,05 %
2-Butanol (G.C.) 0,05 %
Mesityl oxide (G.C.) 0,05 %
2-Methyl-2-Propanol (G.C.) 0,1 %
2-Propanol (G.C.) 0,1 %
Acidity 0,0005 meq/g
Water (H₂O) 0,20 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,1
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131429.1611	1000 ml	6
131429.1612	2,5 l	4
131429.1214	5 l	4
131429.0716	25 l	4
131429.0719	200 l	4

Butanone (Methylethylketone) PRS

CH₃COCH₂CH₃

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,804-0,808
Non-volatile matter 0,01 %
Acetone (G.C.) 0,1 %
2-Butanol (G.C.) 0,1 %
2-Methyl-2-propanol (G.C.) 0,2 %
Acidity 0,0015 meq/g
Water (H₂O) 0,3 %
Cu 0,0002 %
Fe 0,0002 %
Ni 0,0002 %
Pb 0,0002 %

Order code	Package	Units/Box st.
141429.1211	1000 ml	6
141429.1212	2,5 l	4
141429.1214	5 l	4
141429.0716	25 l	4
141429.0718	60 l	4

Butanone (Methylethylketone) (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃COCH₂CH₃

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Assay (C₄H₈O), not less than 99,5 %
IR p/t
Refractive index 1,375-1,384
Acidity value, not more than 2,0
Distillation range 1,5°C
Specific gravity 0,801-0,803
Water, not more than 0,2 %
n-Hexane, not more than 50 ppm
Arsenic, not more than 1 ppm
Lead, not more than 1 ppm
Specifications Dir. 88/344/CEE, 92/115/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201429.1214	5 l	4
201429.0716	25 l	4

Butanone, 99,5% (Methylethylketone) PS

CH₃COCH₂CH₃

M: 72,11 CAS: 78-93-3 EINECS: 201-159-0 NC: 2914 12 00 UN: 1193

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,806kg 1kg-1,241l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,804-0,808
Non-volatile matter 0,002 %
Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161429.1211	1000 ml	6
161429.1212	2,5 l	4
161429.1714	5 l	4
161429.0616	25 l	4

Butanoyl Chloride

(see Butyryl Chloride)

trans-Butenedioic Acid

(see Fumaric Acid)

cis-Butenedioic Anhydride

(see Maleic Anhydride)

2-Butenediyl Dichloride

(see Fumaryl Chloride)

1-Butoxybutane

(see Di-n-Butyl Ether)

tert-Butoxycarbonyl

(see Boc derivatives)

(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-(tert-Butoxycarbonyloxyimino)-2-Phenylacetoneitrile

(see Boc- ON)

2-Butoxyethanol

(see Ethylene Glycol mono-Butyl Ether)

2-(2-Butoxyethoxy) Ethanol

(see Diethylene Glycol mono-Butyl Ether)

[2-(2-Butoxyethoxy) Ethyl] Acetate

(see Diethylene Glycol mono-Butyl Ether Acetate)

n-Butyl Acetate (VLSI) EG

CH₃COOC₄H₉

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

  H225-EUH066-H336
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
Minimum assay 95 %
Density at 20/4 0,880-0,882

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,01 %
Water (H₂O) 0,05 %
0,5 µm particles 250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 10	Cr 10	Ni 10
Al 50	Cu 20	Pb 10
As 10	Fe 50	Sb 10
Au 10	Ga 10	Sn 10
B 10	K 20	Sr 10
Ba 10	Li 10	Ta 10
Bi 10	Mg 20	Ti 10
Ca 50	Mn 10	Tl 10
Cd 10	Mo 10	V 10
Co 10	Na 100	Zn 20

Order code	Package	Units/Box st.
871202.1212	2,5 l 	4

n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS

CH₃COOC₄H₉

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

  H225-EUH066-H336
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Density at 20/4 0,880-0,882
Distillation range (>95% dist.) 123-126°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
1-Butanol (G.C.) 0,2 %
Isobutyl Acetate (G.C.) 0,2 %
n-Butyl Formate (G.C.) 0,05 %
n-Butyl Propionate (G.C.) 0,05 %
Darkened substances by H₂SO₄ p/t.
Acidity 0,0016 meq/g
Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131202.1611	1000 ml 	6
131202.1612	2,5 l 	4
131202.1214	5 l 	4

n-Butyl Acetate PRS

CH₃COOC₄H₉

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

  H225-EUH066-H336
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
Assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,880-0,885
Non-volatile matter 0,005 %
1-Butanol (G.C.) 1,0 %
Isobutyl Acetate (G.C.) 0,5 %
Acidity 0,0032 meq/g
Water (H₂O) 0,3 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
141202.1611	1000 ml 	6
141202.1612	2,5 l 	4
141202.1214	5 l 	4

n-Butyl Acetate (F.C.C.) ADITIO

CH₃COOC₄H₉

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

  H225-EUH066-H336
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
IR p/t.
Assay (C₈H₁₆O₂), not less than 98,0 %
Specific gravity 0,876-0,880
Acidity value, not more than 2,0
Refractive Index n_D²⁰ 1,393-1,396
Distillation range 120-128°C
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201202.1214	5 l 	4

n-Butyl Acetate, 99% PS

CH₃COOC₄H₉

M: 116,16 CAS: 123-86-4 EINECS: 204-658-1 NC: 2915 33 00 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

  H225-EUH066-H336
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,880-0,882
Non-volatile matter 0,001 %
Acidity (as CH₃COOH) 0,01 %
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
161202.1211	1000 ml 	6
161202.1212	2,5 l 	4
161202.1714	5 l 	4
161202.0616	25 l 	

iso-Butyl Acetate

(see Isobutyl Acetate)

tert-Butyl Acetate, 98% PS

C₈H₁₆O₂

M: 116,16 CAS: 540-88-5 EINECS: 208-760-7 NC: 2915 39 80 UN: 1123

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

 H225-EUH066
1l-0,862kg 1kg-1,160l

SPECIFICATIONS:
Minimum assay 98 %

Order code	Package	Units/Box st.
15A505.1608	100 ml 	6

n-Butyl Alcohol

(see 1-Butanol)

iso-Butyl Alcohol

(see Isobutanol)

sec-Butyl Alcohol

(see 2-Butanol)

tert-Butyl Alcohol

(see 2-Methyl-2-Propanol)

tert-Butylamine, 98% PS

(CH₃)₃CNH₂

M: 73,14 CAS: 75-64-9 EINECS: 200-888-1 NC: 2921 19 80 UN: 2734

IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809

Signal Word: Danger



H225-H332-H314-H301

1l~0,695kg 1kg~1,439l

SPECIFICATIONS:

Assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C358.1608	100 ml	6
15C358.1611	1000 ml	6

n-Butyl Bromide

(see 1-Bromobutane)

tert-Butyl Bromide

(see 2-Bromo-2-Methylpropane)

4-tert-Butylcatechol

(see 4-tert-Butylpyrocatechol)

Butyl Cellosolve

(see Ethylene Glycol mono-Butyl Ether)

Butyl Chloride

(see 1-Chlorobutane)

Butyldiglycol

(see Diethylene Glycol mono-Butyl Ether)

tert-Butyldimethylchlorosilane, 98% PS

C₆H₁₆ClSi

M: 150,73 CAS: 18162-48-6 EINECS: 242-042-4 NC: 2931 00 95 UN: 2925

IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H228-H314

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A169.1604	5 g	6
15A169.1606	25 g	6
15A169.1608	100 g	6

1,3-Butyleneglycol

(see 1,3-Butanediol)

1,4-Butyleneglycol

(see 1,4-Butanediol)

Butyl Ether

(see Di-n-Butyl Ether)

Butylglycol

(see Ethylene Glycol mono-Butyl Ether)

tert-BUTYL HYDROPEROXIDE SOLUTIONS

tert-Butyl Hydroperoxide aqueous solution ~70% PS

C₇H₁₆O₂

M: 90,12 CAS: 75-91-2 EINECS: 200-915-7 NC: 2909 60 00 UN: 3109

IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 500 CAO: 502

Signal Word: Danger



H242-H312-H302-H331-H314

1l~0,943kg 1kg~1,060l

SPECIFICATIONS:

Minimum assay (Iodom.) 68 %

Density at 20/4 0,940-0,946

Order code	Package	Units/Box st.
15A873.1209	250 ml	6
15A873.1214	5 l	4

tert-Butyl Hydroperoxide solution

3M in isooctane PS

C₇H₁₆O₂

M: 90,12 CAS: 75-91-2 EINECS: 200-915-7 NC: 2909 60 00 UN: 3105

IMDG: 5.2/- ADR: 5.2/- IATA: 5.2/- PAX: 500 CAO: 502

Signal Word: Danger



H272-H225-H314-H332-H312-H302-EU044-H412

1l~0,74kg 1kg~1,35l

SPECIFICATIONS:

Assay (Iodom.) w/v 28-32 %

Order code	Package	Units/Box st.
15A872.1609	250 ml	6

Butylhydroxyanisole

(see 2-tert-Butyl-4-Methoxyphenol)

Butylhydroxytoluene

(see 2,6-Di-tert-Butyl-4-Methylphenol)

Butyl Iodide

(see 1-Iodobutane)

sec-Butyl Iodide

(see 2-Iodobutane)

2-tert-Butyl-4-Methoxyphenol

(RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₁₁H₁₆O₂

M: 180,25 CAS: 121-00-6 EINECS: 204-442-7 NC: 2909 50 90

SPECIFICATIONS:

Minimum assay (as C₁₁H₁₆O₂) 98,5 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.

Insoluble matter in C₂H₆O p/t.

Residue on ignition (as SO₂) 0,01 %

3-tert-Butyl-4-Methoxyphenol 10 %

Hydroquinone p/t.

Organic volatile impurities p/t.

Related substances p/t.

Heavy metals (as Pb) 0,001 %

As 0,0003 %

Ni 0,0005 %

Pb 0,0005 %

Order code	Package	Units/Box st.
144233.1211	1000 g	6
144233.0914	5 kg	6

2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO

C₁₁H₁₆O₂

M: 180,25 CAS: 121-00-6 EINECS: 204-442-7 NC: 2909 50 90

SPECIFICATIONS:

Assay (as C₁₁H₁₆O₂), not less than 98,5 %

Assay (as the isomer 2-tert-Butyl-4-Methoxyphenol), not less than 85 %

Melting range 48-63°C

Arsenic (as As), not more than 3 ppm

Lead, not more than 5 ppm

4-Hydroxyanisole, not more than 0,5 %

Residue on ignition, not more than 0,05 %

A 1%; 1 cm; λ228 nm (ethanol) 326-345

A 1%; 1 cm; λ290 nm (ethanol) 190-210

Mercury (Hg), not more than 1 ppm

Phenolic impurities, not more than 0,5 %

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204233.1214	5 kg	4

**tert-Butyl Methyl Ether
(UV-IR-HPLC-HPLC preparative) PAI**

C₅H₁₂O
M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

 H225-H315
1l-0,740kg 1kg-1,351l

SPECIFICATIONS:
Minimum assay (G.C.) 99,9 %
Density at 20/4 0,739-0,742

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,03 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	235	240	255	280-400
A (AU)	1,000	0,699	0,301	0,222	0,071	0,009
T (%)	10	20	50	60	85	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363312.1611	1000 ml 	6
363312.1612	2,5 l 	4

tert-Butyl Methyl Ether (PAR) PAI

C₅H₁₂O
M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

 H225-H315
1l-0,740kg 1kg-1,351l

SPECIFICATIONS:
Minimum assay (G.C.) 99,7 %
Identity IR p/t
Density at 20/4 0,739-0,742

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,03 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l

Order code	Package	Units/Box st.
323312.1611	1000 ml 	6
323312.1612	2,5 l 	4

tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS

C₅H₁₂O
M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

 H225-H315
1l-0,740kg 1kg-1,351l

SPECIFICATIONS:
Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,739-0,742
Refractive index n 20/D 1,368-1,370

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
Methanol (G.C.) 0,01 %
2-Methyl-2-Propanol (G.C.) 0,05 %
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Aldehydes (as HCHO) 0,001 %
Peroxides (as H₂O₂) 0,0001 %*
Water (H₂O) 0,03 %
Ca 0,00005 %
Cd 0,000005 %
Co 0,000002 %
Cr 0,000002 %
Cu 0,000002 %
Fe 0,00001 %
Mg 0,00001 %
Mn 0,000002 %
Ni 0,000002 %
Pb 0,00001 %
Zn 0,00001 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	240	255	280
A (AU)	0,301	0,097	0,009
T (%)	50	80	98

Order code	Package	Units/Box st.
133312.1611	1000 ml 	6
133312.1612	2,5 l 	4

tert-Butyl Methyl Ether PRS

C₅H₁₂O
M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

 H225-H315
1l-0,740kg 1kg-1,351l

SPECIFICATIONS:
Assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,737-0,742
Non-volatile matter 0,005 %
Acidity 0,002 meq/g
Water (H₂O) 0,3 %
Cu 0,00002 %
Fe 0,00002 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
143312.1611	1000 ml 	6
143312.1612	2,5 l 	4
143312.0616	25 l 	

tert-Butyl Methyl Ether, 99,5% PS

C₅H₁₂O
M: 88,15 CAS: 1634-04-4 EINECS: 216-653-1 NC: 2909 19 00 UN: 2398
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

 H225-H315
1l-0,740kg 1kg-1,351l

SPECIFICATIONS:
Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,739-0,742
Non-volatile matter 0,001 %
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
163312.1611	1000 ml 	6
163312.1612	2,5 l 	4

iso-Butylmethylketone

(see 4-Methyl-2-Pentanone)

n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS

C₄H₉NO

M: 103,12 CAS: 544-16-1 EINECS: 208-862-1 NC: 2920 90 85 UN: 2351

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H301

1l-0,88kg 1kg-1,13l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %

Identity IR p/t

Density at 20/4 0,882-0,885

Order code	Package	Units/Box st.
15A894.1606	25 ml	6
15A894.1608	100 ml	6

iso-Butyl Nitrite

(see Isobutyl Nitrite)

4-tert-Butylpyrocatechol, 99% PS

C₁₀H₁₄O₂

M: 166,22 CAS: 98-29-3 EINECS: 202-653-9 NC: 2907 29 00 UN: 2923

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H312-H314

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Melting range 52-55 °C

Order code	Package	Units/Box st.
15A652.1608	100 g	6
15A652.1610	500 g	6

n-Butyraldehyde, 99% PS

CH₃CH₂CH₂CHO

M: 72,11 CAS: 123-72-8 EINECS: 204-646-6 NC: 2912 19 10 UN: 1129

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,803kg 1kg-1,245l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Density at 20/4 0,802-0,804

Order code	Package	Units/Box st.
15A835.1611	1000 ml	6

n-Butyric Acid, 99% PS

C₄H₈O₂

M: 88,11 CAS: 107-92-6 EINECS: 203-532-3 NC: 2915 60 19 UN: 2820

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-0,957kg 1kg-1,045l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Density at 20/4 0,956-0,958

Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
15A689.1611	1000 ml	6
15A689.1612	2,5 l	4
15A689.0716	25 l	

Butyric Acid Chloride

(see Butyryl Chloride)

γ-Butyrolactone, 99% PS

C₄H₆O₂

M: 86,09 CAS: 96-48-0 EINECS: 202-509-5 NC: 2932 29 60

Signal Word: Warning



H302-H319

1l-1,129kg 1kg-0,886l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Density at 20/4 1,128-1,129

Order code	Package	Units/Box st.
15A581.1214	5 l	4
15A581.0716	25 l	

Butyryl Chloride, 98% PS

C₄H₇ClO

M: 106,55 CAS: 141-75-3 EINECS: 205-498-5 NC: 2915 90 80 UN: 2353

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H314

1l-0,980kg 1kg-1,020l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 1,017-1,020

Order code	Package	Units/Box st.
15A742.1609	250 ml	6
15A742.1611	1000 ml	6

Cacodylic Acid Sodium Salt 3-hydrate, 98% PS

C₂H₃AsNaO₂·3H₂O

M: 214,03 CAS: 124-65-2 EINECS: 204-708-2 NC: 2931 00 95 UN: 1688

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 98 %

Identity IR p/t

Order code	Package	Units/Box st.
165301.1206	25 g	6
165301.1208	100 g	6

Cadmium metal, sheets PRS

Cd

M: 112,40 CAS: 7440-43-9 EINECS: 231-152-8 NC: 8107 90 00

Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Assay (Compl.) 99 %

Insoluble matter in HNO₃ 0,05 %

Cu 0,01 %

Fe 0,005 %

Ni 0,05 %

Pb 0,05 %

Sn 0,05 %

Zn 0,005 %

Order code	Package	Units/Box st.
141206.1209	250 g	6

Cadmium metal, thick powder (Reag. Ph. Eur.) PA

Cd

M: 112,40 CAS: 7440-43-9 EINECS: 231-152-8 NC: 8107 90 00

Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

Cu 0,001 %

Fe 0,01 %

Pb 0,01 %

Zn 0,01 %

Order code	Package	Units/Box st.
125427.1209	250 g	6

CADMIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Cadmium Acetate 2-hydrate (Reag. USP) PA

Cd(CH₃COO)₂·2H₂O
 M: 266,52 CAS: 5743-04-4 EINECS: 208-853-2 NC: 2915 29 00 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332-H312-H302-H410

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Non-precipitated substances by H ₂ S (as SO ₄)	0,1 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,005 %
Ca.....	0,005 %
Cu.....	0,001 %
Fe.....	0,0005 %
K.....	0,002 %
Na.....	0,002 %
Pb.....	0,003 %
Zn.....	0,002 %

Order code	Package	Units/Box st.
121203.1209	250 g	6
121203.1211	1000 g	6
121203.1214	5 kg	4

Cadmium Acetate 2-hydrate PRS

Cd(CH₃COO)₂·2H₂O
 M: 266,52 CAS: 5743-04-4 EINECS: 208-853-2 NC: 2915 29 00 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332-H312-H302-H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Chloride (Cl)..... 0,01 %
 Sulphate (SO₄)..... 0,01 %
 Cu..... 0,005 %
 Fe..... 0,002 %
 Pb..... 0,005 %
 Zn..... 0,01 %

Order code **Package** **Units/Box st.**

141203.1209	250 g	6
141203.1211	1000 g	6
141203.1214	5 kg	4

Cadmium Bromide 4-hydrate PRS

CdBr₂·4H₂O
 M: 344,20 CAS: 13464-92-1 EINECS: 232-165-1 NC: 2827 59 00 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332-H312-H302-H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in H₂O..... 0,01 %
 Nitrogen compounds (as N) 0,01 %
 Sulphate (SO₄)..... 0,01 %
 As..... 0,0001 %
 Cu..... 0,002 %
 Fe..... 0,002 %
 Pb..... 0,01 %
 Zn..... 0,01 %

Order code **Package** **Units/Box st.**

142004.1209	250 g	6
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Cadmium Chloride 2,5-hydrate PA-ACS

CdCl₂·2,5H₂O
 M: 228,34 CAS: 10108-64-2 EINECS: 233-296-7 NC: 2827 39 85 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

H350-H340-H360FD-H301-H330-H372-H410

SPECIFICATIONS:
 Assay (as CdCl₂) (Compl.)..... 79,5-81,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrate and nitrite (as NO ₃).....	0,003 %
Sulphate (SO ₄).....	0,005 %
Ammonium (NH ₄).....	0,005 %
As.....	0,0001 %
Ca.....	0,005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,002 %
Na.....	0,002 %
Pb.....	0,005 %
Zn.....	0,005 %

Order code **Package** **Units/Box st.**

131205.1209	250 g	6
131205.1211	1000 g	6
131205.1214	5 kg	4
131205.0416	25 kg	

Cadmium Chloride 2,5-hydrate PRS

CdCl₂·2,5H₂O
 M: 228,34 CAS: 10108-64-2 EINECS: 233-296-7 NC: 2827 39 85 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

H350-H340-H360FD-H301-H330-H372-H410

SPECIFICATIONS:
 Assay (Compl.) 98-102 %
 Insoluble matter in H₂O..... 0,01 %
 Nitrate and nitrite (as NO₃)..... 0,02 %
 Sulphate (SO₄)..... 0,01 %
 Ammonium (NH₄)..... 0,02 %
 As..... 0,0001 %
 Cu..... 0,002 %
 Fe..... 0,002 %
 Pb..... 0,01 %
 Zn..... 0,05 %

Order code **Package** **Units/Box st.**

141205.1209	250 g	6
141205.1211	1000 g	6
141205.1214	5 kg	4

Cadmium Iodide PA

CdI₂
 M: 366,212 CAS: 7790-80-9 EINECS: 232-223-6 NC: 2827 60 00 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

H331-H301-H373-H341-H410

SPECIFICATIONS:
 Minimum assay (Compl.)..... 99,0 %
 pH of 5% solution ≥5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,003 %
Insoluble matter in NH ₄ OH.....	p/t.
Chloride and bromide (as Cl).....	0,01 %
Sulphate (SO ₄).....	0,005 %
Iodate (IO ₃).....	0,0006 %
Ca.....	0,005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,001 %
K.....	0,002 %
Mg.....	0,0005 %
Mn.....	0,0005 %
Na.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,002 %
Zn.....	0,005 %

Order code **Package** **Units/Box st.**

121209.1209	250 g	6
121209.1211	1000 g	6
121209.1214	5 kg	4

Cadmium Iodide PRS

CdI₂
 M: 366,212 CAS: 7790-80-9 EINECS: 232-223-6 NC: 2827 60 00 UN: 2570
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

H331-H301-H373-H341-H410

SPECIFICATIONS:
 Assay (Compl.) 98-103 %
 pH of 5% solution ≥5,0
 Insoluble matter in H₂O..... 0,02 %
 Chloride and bromide (as Cl)..... 0,05 %
 Sulphate (SO₄)..... 0,02 %
 Ca..... 0,01 %
 Fe..... 0,003 %
 Zn..... 0,01 %

Order code **Package** **Units/Box st.**

141209.1209	250 g	6
141209.1211	1000 g	6

Cadmium Nitrate 4-hydrate PA

Cd(NO₃)₂·4H₂O

M: 308,49 CAS: 10022-68-1 EINECS: 233-710-6 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,01 %
Ca 0,005 %
Cu 0,001 %
Fe 0,001 %
K 0,002 %
Na 0,01 %
Pb 0,005 %
Zn 0,005 %

Order code	Package	Units/Box st.
121207.1209	250 g	6
121207.1211	1000 g	6

Cadmium Nitrate 4-hydrate PRS

Cd(NO₃)₂·4H₂O

M: 308,49 CAS: 10022-68-1 EINECS: 233-710-6 NC: 2834 29 20 UN: 1477
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H332-H312-H302-H410

SPECIFICATIONS:

Assay (Compl.) 98 %
Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,005 %
Ammonium (NH₄) 0,03 %
Sulphate (SO₄) 0,01 %
Cu 0,003 %
Fe 0,003 %
Pb 0,01 %
Zn 0,01 %

Order code	Package	Units/Box st.
141207.1209	250 g	6
141207.1211	1000 g	6

Cadmium Oxide PRS

CdO

M: 128,40 CAS: 1306-19-0 EINECS: 215-146-2 NC: 2825 90 60 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H330-H372-H361fd-H341-H410

SPECIFICATIONS:

Assay (Compl.) 99 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,05 %
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
142904.1209	250 g	6
142904.1211	1000 g	6
142904.0914	5 kg	
142904.0716	25 kg	

Cadmium Sulphate 8/3-hydrate PA-ACS

CdSO₄·8/3H₂O

M: 256,52 CAS: 7790-84-3 EINECS: 233-331-6 NC: 2833 29 20 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360F-H301-H330-H372-H410

SPECIFICATIONS:

Assay (Compl.) 99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,001 %
Nitrate and nitrite (as NO₃) 0,003 %
As 0,0002 %
Ca 0,005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,002 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,005 %
Ni 0,0005 %
Pb 0,002 %
Zn 0,005 %

Order code	Package	Units/Box st.
131208.1209	250 g	6
131208.1211	1000 g	6
131208.1214	5 kg	4
131208.0416	25 kg	

Cadmium Sulphate 8/3-hydrate PRS

CdSO₄·8/3H₂O

M: 256,52 CAS: 7790-84-3 EINECS: 233-331-6 NC: 2833 29 20 UN: 2570
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360F-H301-H330-H372-H410

SPECIFICATIONS:

Assay (Compl.) 98-103 %
Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,005 %
Nitrate and nitrite (as NO₃) 0,02 %
As 0,0005 %
Ca 0,01 %
Cu 0,005 %
Fe 0,002 %
Pb 0,005 %
Zn 0,05 %

Order code	Package	Units/Box st.
141208.1209	250 g	6
141208.1211	1000 g	6
141208.1214	5 kg	4

Caffeic Acid, 99% PS

C₈H₆O₄

M: 180,16 CAS: 331-39-5 EINECS: 206-361-2 NC: 2918 29 80

Signal Word: Warning



H351

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C145.1604	5 g	6
15C145.1606	25 g	6

Caffeine anhydrous (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

C₈H₁₀N₄O₂

M: 194,19 CAS: 58-08-2 EINECS: 200-362-1 NC: 2939 30 00 UN: 1544

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
 Identity according to Pharmacopoeias p/t.
 Melting range (a.d.s.) 234-239°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Loss on drying 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Related substances (HPLC):
 Individual impurity 0,10 %
 Total impurities 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chromatographic purity p/t.
 Acidity p/t.
 Sulphate (SO₄) 0,05 %
 Heavy metals (as Pb) 0,001 %
 As 0,0003 %
 Cu 0,001 %
 Fe 0,002 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142833.1609	250 g	6
142833.0914	5 kg	
142833.0416	25 kg	

Calcein PA

for complexometry

C₃₀H₂₈N₂O₁₃

M: 622,54 CAS: 1461-15-0 EINECS: 215-957-1 NC: 3204 16 00

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS. in NaOH 0,002 mol/l 492-500 nm
 A 1%, 1cm, λmax >650
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH p/t.
 Loss on drying at 135°C 15 %
 Suitability as complexometric indicator p/t.

Order code	Package	Units/Box st.
122053.1603	1 g	6
122053.1604	5 g	6

Calcium, 98% metal, granules PS

Ca

M: 40,08 CAS: 7440-70-2 EINECS: 231-179-5 NC: 2805 12 00 UN: 1401

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger



H261

SPECIFICATIONS:

Minimum assay (Compl.) 98 %

Order code	Package	Units/Box st.
15A743.1604	5 g	6
15A743.1608	100 g	6

CALCIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Calcium Acetate x-hydrate PA

Ca(CH₃COO)_x.xH₂O

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Compl.) calc. applied anh. subs 99,0 %
 pH of 5% solution 6,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,025 %
 Chloride (Cl) 0,05 %
 Nitrate (NO₃) 0,002 %
 As 0,0003 %
 Ba 0,005 %
 Cu 0,001 %
 Fe 0,002 %
 K 0,05 %
 Mg 0,05 %
 Na 0,1 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
121211.1210	500 g	6
121211.1211	1000 g	6
121211.0914	5 kg	
121211.0416	25 kg	

Calcium Acetate x-hydrate (USP) PRS-CODEX

Ca(CH₃COO)_x.xH₂O

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s 99,0-100,5%
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 6,3-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,1 %
 Easily oxidizable substances p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,05 %
 Fluoride (F) 0,005 %
 Phosphate (PO₄) 0,005 %
 Nitrate (NO₃) p/t.
 Sulphate (SO₄) 0,06 %
 Water (H₂O) 7,0 %
 Heavy metals (as Pb) 0,002 %
 Al 0,001 %
 As 0,0002 %
 Ba 0,005 %
 Cu 0,001 %
 Fe 0,005 %
 Mg 0,05 %
 Ni 0,001 %
 Pb 0,001 %
 Sr 0,05 %

Order code	Package	Units/Box st.
141211.1210	500 g	6
141211.1211	1000 g	6
141211.0914	5 kg	
141211.0416	25 kg	

Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO

Ca(CH₃COO)_x.xH₂O

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay [as Ca(C₂H₃O₂)₂] after drying 99,0-100,5%
 Loss on drying, not more than 10,5 %
 pH of 10% solution 7,0-9,0

Formic acid, formates and other oxidizable impurities

(as formic acid), not more than 0,1 %
 Arsenic (as As), not more than 3 ppm
 Chloride, not more than 0,05 %
 Fluoride, not more than 0,005 %
 Lead, not more than 2 ppm
 Heavy metals (as Pb), not more than 10 ppm
 Sulphate, not more than 0,1 %
 Water, not more than 7,0 %
 Insoluble in water, not more than 0,3 %
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201211.0914	5 kg	

Calcium Acetate x-hydrate QP

Ca(CH₃COO)_x.xH₂O

M: 158,17(anh) CAS: 62-54-4 EINECS: 200-540-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.) calc. applied anh. subs 99,0 %
 pH of 5% solution 7,0-8,0
 Chloride (Cl) 0,05 %
 Sulphate (SO₄) 0,2 %

Order code	Package	Units/Box st.
211211.0914	5 kg	
211211.0416	25 kg	

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA

Ca(H₂PO₄)₂.H₂O

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Minimum assay (Compl.) 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,01 %
 Nitrogen compounds (as N) 0,02 %
 Chloride (Cl) 0,005 %
 As 0,0002 %
 Ba 0,01 %
 Cu 0,002 %
 Fe 0,005 %
 Mg 0,2 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
121225.1210	500 g	6
121225.1211	1000 g	6

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS

Ca(H₂PO₄)₂·H₂O

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Assay (Compl.)	98 %
Heavy metals (as Pb)	0,003 %
As	0,0002 %
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141225.1210	500 g	6
141225.1211	1000 g	6
141225.1214	5 kg	4
141225.0416	25 kg	

Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO

Ca(H₂PO₄)₂·H₂O

M: 252,07 CAS: 7758-23-8 EINECS: 231-837-1 NC: 2835 26 10

SPECIFICATIONS:

Assay (as Ca)	15,9-17,7 %
Assay	not less than 95 % on anhydrous substance
P ₂ O ₅ content	55,5-61,1 % on anhydrous substance
CaO content	22,26-24,8 %
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	1 %
Loss on ignition, not more than	25,0 %
Fluoride, not more than	0,003 %
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2002/82/CE, F.C.C. 6

Order code	Package	Units/Box st.
201225.1214	5 kg	4
201225.0416	25 kg	

Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO

CaCO₃

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.) a.d.s. 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Fluoride (F)	0,0015 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,005 %
Ammonium (NH ₄)	0,003 %
Heavy metals (as Pb)	0,001 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,001 %
K	0,005 %
Mg	0,01 %
Mn	0,0005 %
Na	0,01 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,05 %

Order code	Package	Units/Box st.
132397.1209	250 g	6

Calcium Carbonate precipitated, low content of alkalis PA

CaCO₃

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,03 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,002 %
K	0,02 %
Mg	0,03 %
Mn	0,0005 %
Na	0,05 %
Ni	0,0005 %
Pb	0,001 %
Sr	0,05 %

Order code	Package	Units/Box st.
122397.1210	500 g	6
122397.1211	1000 g	6

Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO

CaCO₃

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (as CaCO ₃) after drying	98,0-100,5 %
Acid insoluble substances, not more than	0,2 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,005 %
Lead, not more than	3 ppm
Loss on drying, not more than	2,0 %
Magnesium and alkali salts, not more than	1 %
Cadmium, not more than	1 ppm
Antimony, Copper, Chromium, Zinc and Barium each one or together, not more than	0,01 %
Iron, not more than	0,001 %
Aluminium, not more than	0,002 %

Specifications Dir. 2001/30/CE, F.C.C. 6

Order code	Package	Units/Box st.
204395.1211	1 kg	6
204395.0416	25 kg	

Calcium Carbonate precipitated PA

CaCO₃

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,005 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,02 %
Ammonium (NH ₄)	0,01 %
Ba	0,01 %
Cu	0,0005 %
Fe	0,002 %
K	0,02 %
Mg	0,05 %
Mn	0,0005 %
Na	0,25 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,05 %

Order code	Package	Units/Box st.
121212.1210	500 g	6
121212.1211	1000 g	6
121212.0914	5 kg	
121212.0416	25 kg	

Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CaCO₃

M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s. 98,5-100,5 %

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in acid	0,2 %
Loss on drying at 200°C	2,0 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,033 %
Fluoride (F)	0,005 %
Sulphate (SO ₄)	0,25 %
Magnesium and alkali salts	1,0 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Ba	p/t
Fe	0,02 %
Hg	0,00005 %
Pb	0,0003 %

Order code	Package	Units/Box st.
141212.1210	500 g	6
141212.1211	1000 g	6
141212.0914	5 kg	
141212.0416	25 kg	

Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO

CaCO₃
M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00
SPECIFICATIONS:
 Assay (as CaCO₃) after drying98,0-100,5%
 Appearance p/t
 Identity:
 Carbonate p/t.
 Calcium p/t.
 Acid insoluble substances, not more than 0,2 %
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 0,005 %
 Lead, not more than 3 ppm
 Loss on drying, not more than 2,0 %
 Magnesium and alkali salts, not more than 1,0 %
 Cadmium, not more than 1 ppm
 Antimony, Copper, Chromium, Zinc and Barium each one or together, not more than 0,01 %
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201212.0914	5 kg	
201212.0416	25 kg	

Calcium Carbonate precipitated QP

CaCO₃
M: 100,09 CAS: 471-34-1 EINECS: 207-439-9 NC: 2836 50 00
SPECIFICATIONS:
 Assay (Compl.) 98 %
 Chloride (Cl) 0,05 %
 Sulphate (SO₄) 0,1 %
 Fe 0,05 %
 Pb 0,005 %

Order code	Package	Units/Box st.
211212.0914	5 kg	
211212.0416	25 kg	

Calcium Chloride anhydrous QP

CaCl₂
M: 110,99 CAS: 10043-52-4 EINECS: 233-140-8 NC: 2827 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (as CaCl₂)(Compl.) calc. a.a.s..... 95 %

Order code	Package	Units/Box st.
211221.1210	500 g	6
211221.1211	1000 g	6
211221.1214	5 kg	
211221.0416	25 kg	

Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO

CaCl₂.2H₂O
M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (as CaCl₂.2H₂O)99,0-107,0%
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 0,004 %
 Lead, not more than 5 ppm
 Magnesium and alkali salts, not more than 4,0 %
 Mercury, not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204954.0914	5 kg	
204954.0416	25 kg	

Calcium Chloride 2-hydrate powder PA-ACS

CaCl₂.2H₂O
M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (Compl.)99,0-105,0%
 pH of 5% solution 4,5-8,5
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,01 %
 Oxidizing substances (as NO₃) 0,003 %
 Phosphate (PO₄) 0,001 %
 Sulphate (SO₄) 0,01 %
 Ammonium (NH₄) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al 10	Fe 10	Ni 5
Ba 50	K 100	Pb 5
Bi 5	Li 5	Sr 100
Cd 5	Mg 50	Tl 5
Co 5	Mn 5	Zn 10
Cr 5	Mo 5	
Cu 5	Na 200	

Order code	Package	Units/Box st.
131232.1210	500 g	6
131232.1211	1000 g	6
131232.1214	5 kg	4
131232.0416	25 kg	

Calcium Chloride 2-hydrate powder PRS

CaCl₂.2H₂O
M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (Compl.)99-105 %
 Insoluble matter in H₂O 0,05 %
 Acidity (as HCl) 0,005 %
 Phosphate (PO₄) 0,005 %
 Sulphate (SO₄) 0,05 %
 Ammonium (NH₄) 0,01 %
 As 0,0001 %
 Cu 0,002 %
 Fe 0,005 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141232.1210	500 g	6
141232.1211	1000 g	6
141232.1214	5 kg	4
141232.0416	25 kg	

Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX

CaCl₂.2H₂O
M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (as CaCl₂.2H₂O) (Compl.)99,0-103,0%
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 4,5-9,2
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Acidity or alkalinity p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Sulphate (SO₄) 0,03 %
 Iron, Aluminium and Phosphate p/t.
 Magnesium and alkali salts 0,5 %
 Heavy metals (as Pb) 0,001 %
 Al 0,0001 %
 Ba p/t.
 Fe 0,001 %

Order code	Package	Units/Box st.
191232.1211	1000 g	6
191232.1214	5 kg	4
191232.0416	25 kg	

Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO

CaCl₂·2H₂O

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as CaCl ₂ ·2H ₂ O)	99,0-107,0%
Appearance	p/t
Identity:	
Chloride	p/t
Calcium	p/t
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,004 %
Lead, not more than	5 ppm
Magnesium and alkali salts, not more than.....	4,0 %
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201232.1214	5 kg	4
201232.0416	25 kg	

Calcium Chloride 6-hydrate PA

"Seasonal product. Request for availability."

CaCl₂·6H₂O

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Compl.)	98,0 %
pH of 5% solution	4,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insol. matter in H ₂ O and precip. by NH ₄ OH	0,01 %
Oxidizing substances (as NO ₂)	0,003 %
Phosphate (PO ₄)	0,001 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ba	0,005 %
Cu	0,0005 %
Fe	0,0025 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Sr	0,01 %
Zn	0,001 %

Order code	Package	Units/Box st.
121214.1211	1000 g	6
121214.1214	5 kg	4
121214.0416	25 kg	

Calcium Chloride 6-hydrate PRS

"Seasonal product. Request for availability."

CaCl₂·6H₂O

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O and precipit. by NH ₄ OH	0,025 %
Acidity (as HCl)	0,025 %
Alkalinity [as Ca(OH) ₂]	0,03 %
Phosphate (PO ₄)	0,003 %
Sulphate (SO ₄)	0,05 %
Ammonium (NH ₄)	0,01 %
As	0,0001 %
Cu	0,002 %
Fe	0,005 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141214.1211	1000 g	6
141214.1214	5 kg	4
141214.0416	25 kg	

Calcium Chloride 6-hydrate (E-509) ADITIO

"Seasonal product. Request for availability."

CaCl₂·6H₂O

M: 219,09 CAS: 7774-34-7 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as CaCl ₂ ·6H ₂ O)	98,0-102,0%
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,004 %
Lead, not more than	10 ppm
Magnesium and alkali salts, not more than.....	1,0 %
Mercury, not more than	1 ppm

Order code	Package	Units/Box st.
201214.1214	5 kg	4
201214.0416	25 kg	

Calcium Chloride solution 45% w/w (as CaCl₂·2H₂O) (F.C.C.) ADITIO

CaCl₂·2H₂O

M: 147,02 CAS: 10035-04-8 EINECS: 233-140-8 NC: 2827 20 00

Signal Word: Warning



H319

11-1,32kg 1kg-0,75l

SPECIFICATIONS:

Assay (as CaCl ₂ ·2H ₂ O)	45 %
Assay (as CaCl ₂)	34 %
Fluoride (on dry basis), not more than.....	0,004 %
Lead (on dry basis), not more than.....	4 ppm
Magnesium and alkali salts (on dry basis) not more than	5,0 %
Alkalinity [as Ca(OH) ₂] (on dry basis), not more than	0,3 %

Specifications F.C.C. 6

Order code	Package	Units/Box st.
202824.0716	25 l	

Calcium Citrate

(see tri-Calcium di-Citrate 4-hydrate)

tri-Calcium di-Citrate 4-hydrate PA

Ca₃(C₆H₅O₇)₂·4H₂O

M: 570,51 CAS: 5785-44-4 EINECS: 212-391-7 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Compl.)	98-102 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,05 %
Loss on drying at 150°C	10,0-13,3 %
Chloride (Cl)	0,003 %
Sulphate (SO ₄)	0,02 %
Heavy metals (as Pb)	0,002 %
As	0,0003 %
Cu	0,001 %
Fe	0,005 %
Mg	0,05 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121213.1210	500 g	6
121213.1211	1000 g	6
121213.0914	5 kg	

tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO

Ca₃(C₆H₅O₇)₂·4H₂O

M: 570,51 CAS: 5785-44-4 EINECS: 212-391-7 NC: 2918 15 00

SPECIFICATIONS:

Assay (as C ₁₂ H ₁₀ Ca ₃ O ₁₄) after drying	97,5-100,5%
Appearance	p/t
Identity:	
Citrate	p/t
Calcium	p/t
Fluoride, not more than	0,003 %
Oxalate (as oxalic acid) a.a.s, not more than	0,01 %
Carbonate	p/t
Loss on drying	10,0-14,0 %
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Arsenic (as As), not more than	1 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201213.0914	5 kg	
201213.0416	25 kg	

Calcium Formate PRS

Ca(HCOO)₂

M: 130,12 CAS: 544-17-2 EINECS: 208-863-7 NC: 2915 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O	0,05 %
Acidity (as HCOOH)	0,1 %
Chloride (Cl)	0,01 %
Phosphate (PO ₄)	0,01 %
Oxalate (C ₂ O ₄)	p/t.
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141224.1211	1000 g	6

Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO

C₁₂H₂₂CaO₁₄.H₂O

M: 448,4 CAS: 18016-24-5 EINECS: 206-075-8 NC: 2918 16 00

SPECIFICATIONS:

Assay (C ₁₂ H ₂₂ CaO ₁₄ .H ₂ O)	98,0-102,0%
pH of 5% solution	6,0-8,0
Loss on drying, not more than	2,0 %
Sucrose and reducing sugars (as dextrose), not more than	1,0 %
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203290.1211	1 kg	6
203290.1214	5 kg	
203290.0416	25 kg	

Calcium Hydrogen Phosphate anhydrous PA

CaHPO₄

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Minimum assay (Compl.)	99,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,025 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,005 %
As	0,0002 %
Ba	0,01 %
Cu	0,001 %
Fe	0,005 %
Mg	0,2 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121227.1210	500 g	6

Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CaHPO₄

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as CaHPO ₄)(Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Residual solvents (Ph.Eur./USP)	p/t.
Loss on ignition	6,6-8,5 %
Loss on drying at 150°C	2,0 %
Carbonate	p/t.
mono and tri-Calcium phosphate	p/t.
Chloride (Cl)	0,033 %
Fluoride (F)	0,005 %
Sulphate (SO ₄)	0,5 %
Total aerobic microbial count (TAMC)	1.000 cfu/g
Total moulds count (TMC)	100 cfu/g
Total yeast count (TYC)	100 cfu/g
Escherichia coli	absence/g
Staphylococcus aureus	absence/g
Pseudomonas aeruginosa	absence/g
Salmonella	absence/10g
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Ba	p/t.
Fe	0,04 %

Order code	Package	Units/Box st.
141227.1211	1000 g	6
141227.0914	5 kg	

Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO

CaHPO₄

M: 136,06 CAS: 7757-93-9 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as CaHPO ₄) a.d.s	98-102 %
Appearance	p/t
Identity:	
Phosphate	p/t.
Calcium	p/t.
Arsenic (as As), not more than	3 ppm
Loss on ignition	7,0-8,5 %
P ₂ O ₅ content	50,0-52,5 %
Fluoride, not more than	0,005 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201227.0914	5 kg	
201227.0416	25 kg	

Calcium Hydrogen Phosphate 2-hydrate PA

CaHPO₄.2H₂O

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,025 %
Nitrogen compounds (as N)	0,02 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
As	0,0002 %
Ba	0,01 %
Cu	0,001 %
Fe	0,005 %
Mg	0,2 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121226.1210	500 g	6

Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CaHPO₄.2H₂O

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (Compl.)	98,0-105,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Loss on ignition	24,5-26,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Carbonate	p/t.
Chloride (Cl)	0,01 %
Fluoride (F)	0,005 %
mono and tri-Calcium Phosphate	p/t.
Sulphate (SO ₄)	0,05 %
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Ba	p/t.
Cu	0,002 %
Fe	0,01 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141226.1211	1000 g	6
141226.0914	5 kg	
141226.0416	25 kg	

Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO

CaHPO₄.2H₂O

M: 172,09 CAS: 7789-77-7 EINECS: 231-826-1 NC: 2835 25 10

SPECIFICATIONS:

Assay (as CaHPO ₄) a.d.s	98-102 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,005 %
Loss on ignition	24,5-26,5 %
P ₂ O ₅ content	50,0-52,5 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201226.0914	5 kg	

Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

Ca(OH)₂
M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19
Signal Word: Warning



H315

SPECIFICATIONS:

Assay (Compl.)95,0-100,5%
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,5 %
Residual solvents (Ph.Eur./USP) p/t
Carbonate (USP) p/t
Carbonate (as CaCO₃) 5,0 %
Chloride (Cl) 0,033 %
Sulphate (SO₄) 0,4 %
Magnesium and alkali salts 4,0 %
Heavy metals (as Pb) 0,002 %
As 0,0003 %

Order code	Package	Units/Box st.
142400.1210	500 g	6
142400.1211	1000 g	6
142400.0914	5 kg	
142400.0416	25 kg	

Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO

Ca(OH)₂
M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19
Signal Word: Warning



H315

SPECIFICATIONS:

Assay (as Ca(OH)₂), not less than95,0-100,5%
Appearance p/t
Identity:
Alkali p/t
Calcium p/t

Acid-Insoluble substances, not more than 0,5 %
Arsenic (as As), not more than 3 ppm
Carbonate p/t
Fluoride, not more than 0,005 %
Lead, not more than 2 ppm
Magnesium and alkali salts, not more than 1,0 %
Barium, not more than 300 ppm
Specifications Dir. 2009/10/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202400.0914	5 kg	
202400.0416	25 kg	

Calcium Hydroxide native, powder QP

Ca(OH)₂
M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19
Signal Word: Warning



H315

SPECIFICATIONS:

Assay (Compl.)90 %
Chloride (Cl) 0,05 %
Sulphate (SO₄) 0,1 %

Order code	Package	Units/Box st.
211229.1210	500 g	6
211229.1211	1000 g	6
211229.0914	5 kg	
211229.0416	25 kg	

Calcium Hydroxide 2 mol/l (suspension) VINIKIT

Ca(OH)₂
M: 74,09 CAS: 1305-62-0 EINECS: 215-137-3 NC: 2825 90 19
1l-1,072kg 1kg~0,933l

Composition:
Calcium Hydroxide14,8 g
Water s.q.m100 ml

Order code	Package	Units/Box st.
625409.1209	250 ml	6

Calcium Indicator, tablets VINIKIT

Reagent in oenology. Indicator for determination of calcium in wines

NC: 3822 00 00

Composition:

Calcein1 g
Thymolphthalein0,6 g
Potassium Chloride100 g
Excipient2 g

Order code	Package	Units/Box st.
625516.16113	27 g	6 (*)

Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

Ca(CH₃CHOHCOO)₂·5H₂O

M: 308,30 CAS: 5743-47-5 EINECS: 212-406-7 NC: 2918 11 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s.98,0-101,0%
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O 0,02 %
Loss on drying at 125°C22,0-27,0 %
Acidity or alkalinity p/t
Volatile fatty acids p/t
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,04 %
Magnesium and alkali salts 1,0 %
Heavy metals (as Pb) 0,0010 %
As 0,0002 %
Ba p/t
Cu 0,001 %
Fe 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141230.1210	500 g	6
141230.1211	1000 g	6

Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO

Ca(CH₃CHOHCOO)₂·5H₂O

M: 308,30 CAS: 5743-47-5 EINECS: 212-406-7 NC: 2918 11 00

SPECIFICATIONS:

Assay (C₆H₁₁O₅CaO₅) calc. a.a.s.98,0-101,0%
Acidity (as lactic acid) a.a.s., not more than 0,45 %
Arsenic (as As), not more than 3 ppm
Fluoride, not more than 0,0015 %
Loss on drying22,0-27,0 %
Magnesium and alkali salts, not more than 1 %
Volatile fatty acids p/t
Reducing substances p/t
Heavy metals (as Pb), not more than 0,001 %
Lead, not more than 2 ppm
Mercury (Hg), not more than 1 ppm
pH of 5% solution 6,0-8,0
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201230.0914	5 kg	
201230.0416	25 kg	

Calcium Nitrate 4-hydrate PA-ACS

Ca(NO₃)₂·4H₂O

M: 236,15 CAS: 13477-34-4 EINECS: 233-332-1 NC: 2834 29 80 UN: 1454

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319

SPECIFICATIONS:

Assay (Compl.)99,0-103,0 %
pH of 5% solution 5,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,005 %
Nitrite (NO₂) 0,001 %
Sulphate (SO₄) 0,002 %
Ammonium (NH₄) 0,005 %
Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Al	10	Mg	100
Ba	50	Mn	5
Bi	5	Mo	5
Cd	5	Na	50
Co	5	Ni	5
Cr	5	Pb	5
Cu	5	Sr	100
Fe	5	Tl	5
K	50	Zn	5

Order code	Package	Units/Box st.
131231.1210	500 g	6
131231.1211	1000 g	6
131231.1214	5 kg	4
131231.0416	25 kg	

Calcium Nitrate 4-hydrate PRS

Ca(NO₃)₂·4H₂O

M: 236,15 CAS: 13477-34-4 EINECS: 233-332-1 NC: 2834 29 80 UN: 1454

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O	0,01 %
Acidity (as HNO ₃)	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,05 %
Ammonium (NH ₄)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141231.1210	500 g	6
141231.1211	1000 g	6
141231.1214	5 kg	4
141231.0416	25 kg	

Calcium Oxalate 1-hydrate PA

CaC₂O₄·H₂O

M: 146,12 CAS: 5794-28-5 EINECS: 209-260-1 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,02 %
Carbonate	p/t
Chloride (Cl)	0,002 %
Sulphate (SO ₄)	0,005 %
Ba	0,005 %
Cu	0,001 %
Fe	0,003 %
K	0,01 %
Mg	0,002 %
Na	0,1 %
Ni	0,003 %
Pb	0,001 %
Sr	0,2 %

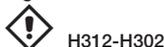
Order code	Package	Units/Box st.
121233.1210	500 g	6

Calcium Oxalate 1-hydrate PRS

CaC₂O₄·H₂O

M: 146,12 CAS: 5794-28-5 EINECS: 209-260-1 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.)	98 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,01 %
Cu	0,005 %
Fe	0,05 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141233.1210	500 g	6

Calcium Oxide natural, pieces QP

CaO

M: 56,08 CAS: 1305-78-8 EINECS: 215-138-9 NC: 2825 90 19 UN: 1910

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Compl.)	90 %
Chloride (Cl)	0,05 %
Cu	0,01 %
Fe	0,1 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
211234.1210	500 g	6
211234.1211	1000 g	6
211234.0914	5 kg	
211234.0416	25 kg	

Calcium Phosphate mono-Basic

(see Calcium Bis (di-Hydrogen Phosphate) 1-hydrate)

Calcium Phosphate di-Basic

(see Calcium Hydrogen Phosphate)

Calcium Phosphate tri-Basic

(see tri-Calcium Phosphate)

tri-Calcium Phosphate (RFE, BP, Ph. Eur.)

PRS-CODEX

Ca₃(PO₄)₂

M: 310,20 CAS: 7758-87-4 EINECS: 231-840-8 NC: 2835 26 10

SPECIFICATIONS:

Assay (Compl.) (as Ca) 35,0-40,0 %
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,2 %
Loss on ignition	8,0 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,15 %
Fluoride (F)	0,005 %
Sulphate (SO ₄)	0,5 %
Heavy metals (as Pb)	0,003 %
As	0,0003 %
Cu	0,005 %
Fe	0,04 %
Mg	0,6 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141228.1210	500 g	6
141228.1211	1000 g	6
141228.0914	5 kg	
141228.0416	25 kg	

tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO

Ca₃(PO₄)₂

M: 310,20 CAS: 7758-87-4 EINECS: 231-840-8 NC: 2835 26 10

SPECIFICATIONS:

Assay (in ignited substance), not less than 90 %
Assay (as Ca) 34,0-40,0 %
Appearance p/t

Identity:

Phosphate	p/t
Calcium	p/t
P ₂ O ₅ content	38,5-48,0 %
Arsenic (as As), not more than	3 ppm
Loss on ignition, not more than	8 %
Fluoride, not more than	0,005 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201228.0914	5 kg	
201228.0416	25 kg	

Calcium Propionate (E-282, F.C.C.) ADITIO

Ca(CH₃CH₂COO)₂

M: 186,22 CAS: 4075-81-4 EINECS: 223-795-8 NC: 2915 50 00

SPECIFICATIONS:

Assay (as C ₈ H ₁₀ CaO ₄) calc. on the dried b.	99,0-100,5 %
Loss on drying, not more than	4 %
pH of 10% solution	6,0-9,0
Insoluble substances in H ₂ O, not more than	0,3 %
Insoluble substances in acid, not more than	0,2 %
Easily oxidable substances	p/t
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	0,001 %
Iron, not more than	30 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Magnesium (as MgO), not more than	0,4 %
Water, not more than	5,0 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
203238.0914	5 kg	
203238.0416	25 kg	

Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

~Ca(C₁₈H₃₅O₂)₂

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO) (Compl.)	9,0-10,5 %
Assay (as Ca) (Compl.) calc. a.d.s.	6,4-7,4 %
Assay, fatty acid fraction (G.C.)	
Stearic acid, minimum	40,0 %
Stearic + palmitic acids, minimum	90,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	4,0 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t
Chloride (Cl)	0,1 %
Sulphate (SO ₄)	0,3 %
Heavy metals (as Pb)	0,001 %
Total aerobic microbial count (TAMC)	1000 cfu/g
Total combined yeast and moulds (TYMC)	100 cfu/g
Escherichia coli	absence/10 g
Salmonella	absence/10 g
As	0,0003 %
Cd	0,0003 %
Ni	0,0005 %
Pb	0,001 %

Order code	Package	Units/Box st.
141818.0914	5 kg	
141818.0416	25 kg	

Calcium Stearate (E-470a, F.C.C.) ADITIO

~Ca(C₁₈H₃₅O₂)₂

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO) calc. a.d.s.	9,0-10,5 %
Arsenic (as As), not more than	3 ppm
Loss on drying, not more than	3 %
Unsaponifiable matter, not more than	2 %
Free fatty acids (Stearic acid and/or Oleic acid), not more than	3,0 %
Free alkali (as NaOH), not more than	0,1 %
Heavy metals (as Pb), not more than	10 ppm
Lead, not more than	2 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
201818.0914	5 kg	
201818.0416	25 kg	

Calcium Stearate QP

~Ca(C₁₈H₃₅O₂)₂

M: 607,04 CAS: 1592-23-0 EINECS: 216-472-8 NC: 2915 70 30

SPECIFICATIONS:

Assay (as CaO)(Compl.)	9,0-10,5 %
Loss on drying at 105°C	4 %
As	0,0003 %
Pb	0,002 %

Order code	Package	Units/Box st.
211818.1211	1000 g	6
211818.0914	5 kg	
211818.0416	25 kg	

Calcium Sulphate 2-hydrate PA-ACS

CaSO₄.2H₂O

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Carbonate	p/t.
Chloride (Cl)	0,002 %
Nitrate (NO ₃)	0,002 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Mg	0,02 %
Na	0,02 %
Ni	0,001 %
Pb	0,001 %
Sr	0,05 %

Order code	Package	Units/Box st.
131235.1210	500 g	6
131235.1211	1000 g	6
131235.0914	5 kg	
131235.0416	25 kg	

Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CaSO₄.2H₂O

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay calc. a.a.s. (Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,03 %
Loss on drying at 250°C	19,0-23,0 %
Loss on ignition	18,0-22,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity or alkalinity	p/t.
Chloride (Cl)	0,03 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,002 %
Fe	0,005 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141235.1210	500 g	6
141235.1211	1000 g	6
141235.0914	5 kg	
141235.0416	25 kg	

Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO

CaSO₄.2H₂O

M: 172,17 CAS: 10101-41-4 EINECS: 231-900-3 NC: 2833 29 90

SPECIFICATIONS:

Assay (as CaSO ₄) calc. a.d.s., not less than	99,0 %
Fluoride, not more than	0,003 %
Loss on drying	19,0-23,0 %
Selenium, not more than	0,003 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
201235.0914	5 kg	
201235.0416	25 kg	

Calcon (C.I. 15705) PA

for titrating metals

C₂₀H₁₃N₂NaO₅S

M: 416,39 CAS: 2538-85-4 EINECS: 219-810-2 NC: 2927 00 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS at pH 12,2(Calci complex)	632-636 nm
A 1%; 1 cm; λmax	>180
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	10 %
Suitability as complexometric indicator	p/t.

Order code	Package	Units/Box st.
124537.1607	50 g	6

Calconcarboxylic Acid (Reag. Ph. Eur.) PA

for complexometry

C₂₁H₁₄N₂O₅S

M: 438,42 CAS: 3737-95-9 EINECS: 223-117-0 NC: 2927 00 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in C ₂ H ₅ OH	569-572 nm
A 1%, 1 cm, λmax	>250
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C	7 %
Suitability as compl.indicator of Ca	p/t.
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
123575.1604	5 g	6
123575.1606	25 g	6

DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX

C₁₀H₁₆O
 M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 1325
 IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
 Signal Word: Danger



H228

SPECIFICATIONS:
 Identity according to Pharmacopoeias p/t.
 Melting range 172-180°C
 Specific rotation $[\alpha]_D^{20}$ c=10 (in ethanol) -0,15 to +0,15°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Non-volatile matter 0,05 %
 Acidity or alkalinity p/t.
 Halogenated compounds (as Cl) 0,01 %
 Water p/t.
 Related substances p/t.

Order code	Package	Units/Box st.
146308.1210	500 g	6
146308.0914	5 kg	
146308.0416	25 kg	

DL-Camphor synthetic (USP) PRS-CODEX

C₁₀H₁₆O
 M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 2717
 IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
 Signal Word: Danger



H228

SPECIFICATIONS:
 Identity IR p/t.
 Melting range 174-179°C
 Specific rotation $[\alpha]_D^{20}$ c=10 (in ethanol) -0,15 to+ 0,15°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.
 Non-volatile matter 0,05 %
 Acidity or alkalinity p/t.
 Halogenated compounds (as Cl) 0,01 %
 Water p/t.

Order code	Package	Units/Box st.
142652.1210	500 g	6
142652.1211	1000 g	6
142652.0914	5 kg	
142652.0416	25 kg	

DL-Camphor, 95% synthetic PS

C₁₀H₁₆O
 M: 152,24 CAS: 21368-68-3 EINECS: 244-350-4 NC: 2914 21 00 UN: 2717
 IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420
 Signal Word: Danger



H228

SPECIFICATIONS:
 Assay 95 %
 Identity IR p/t.

Order code	Package	Units/Box st.
152652.1210	500 g	6

Canada Balsam DC

for microscopy, inclusion medium
 CAS: 8007-47-4 EINECS: 232-362-2 NC: 1301 90 00
 1l-0,991kg 1kg-1,009l

SPECIFICATIONS:
 Identity IR p/t.
 Density at 20/4 0,987-0,994
 Refractive index n_D²⁰ 1,520-1,523

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.
 Insoluble matter in C₂H₅OH p/t.

Order code	Package	Units/Box st.
251179.1606	25 ml	6
251179.1608	100 ml	6
251179.1609	250 ml	6

Capric Acid

(see Decanoic Acid)

Capric Acid Chloride

(see Decanoyl Chloride)

Capric Acid Methyl Ester

(see Methyl Decanoate)

Caproic Acid

(see Hexanoic Acid)

Caproic Acid Chloride

(see Hexanoyl Chloride)

Caproic Acid Methyl Ester

(see Methyl Hexanoate)

Caproyl Chloride

(see Hexanoyl Chloride)

Capryl Chloride

(see Decanoyl Chloride)

Caprylene

(see 1-Octene)

Caprylic Acid

(see Octanoic Acid)

Caprylic Acid Chloride

(see Octanoyl Chloride)

Caprylic Acid Methyl Ester

(see Methyl Octanoate)

Capryloyl Chloride

(see Octanoyl Chloride)

CAPS

(see 3-Cyclohexylaminopropanesulphonic Acid)

CAPSO

(see 3-(Cyclohexylamino) 2-Hydroxy-1-Propanesulphonic Acid)

Carazzi's Hematoxylin solution DC

for microscopy and cytology

NC: 3822 00 00

1l-1,080kg 1kg-0,926l

Composition:

Hematoxylin 0,1 g
 Aluminium Potassium Sulphate 12-hydrate 5 g
 Sodium Iodate 0,02 g
 Glycerol 20 ml
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
255298.1610	500 ml	6
255298.1612	2,5 l	4

Carbamide

(see Urea)

Carbamide Nitrate

(see Urea Nitrate)

1-Carbamoyl-2-Phenylhydrazine

(see 1-Phenylsemicarbazide)

N-Carbobenzyloxy-L-Valine

(see N-Z-L-Valine)

Carbon Disulphide (UV-IR-HPLC) PAI

CS₂

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H225-H319-H315-H372-H361fd

006-003-11~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,005 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	385 (Cut off)	390	400	410	420-500
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,3
Eluotropic value E^o(Al₂O₃) 0,15
Sol. H₂O in solv. at 20°C 0,005
P' + 0,25 E 1,7

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361244.1611	1000 ml	6

Carbon Disulphide dry (max. 0.005% water) low in aromatic compounds DS-ACS

CS₂

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H225-H319-H315-H372-H361f

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Benzene (G.C.) 0,0001 %
Toluene (G.C.) 0,0001 %
Water (H₂O) 0,005 %
Hydrogen Sulphide (H₂S) 0,00015 %
Sulphur Dioxide (SO₂) 0,00025 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,02	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481244.1611	1000 ml	6

Carbon Disulphide PA-ACS

CS₂

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,002 %
Benzene (G.C.) 0,001 %
Water (H₂O) 0,01 %
Hydrogen Sulphide (H₂S) 0,00015 %
Sulfur Dioxide (SO₂) 0,00025 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
131244.1611	1000 ml	6
131244.0616	25 l	

Carbon Disulphide PRS

CS₂

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t.

Non-volatile matter 0,005 %
Benzene (G.C.) 0,005 %
Toluene (G.C.) 0,005 %
Water (H₂O) 0,02 %
Cu 0,0002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
141244.1611	1000 ml	6
141244.0616	25 l	

Carbon Disulphide, 99,5% PS

CS₂

M: 76,14 CAS: 75-15-0 EINECS: 200-843-6 NC: 2813 10 00 UN: 1131
IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H225-H319-H315-H372-H361fd

1l~1,264kg 1kg~0,791l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
161244.1611	1000 ml	6
161244.1612	2,5 l	4
161244.0616	25 l	

Carbon Sulphide

(see Carbon Disulphide)

Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI

for Essential Uses

CCl₄

M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412

1l-1,594kg 1kg-0,627l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Density at 20/4 1,592-1,595

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0003 %

Acidity 0,0002 meq/g

Alkalinity 0,0002 meq/g

Water (H₂O) 0,005 %

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	263 (Cut off)	265	270	275	280	290-400
A (AU)	1,000	0,699	0,301	0,097	0,046	0,009
T (%)	10	20	50	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	1,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 1,6

Eluotropic value E^o(Al₂O₃) 0,18

Sol. H₂O in solv. at 20°C 0,008

P⁺ + 0,25 E 2,3

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361245.1611 1000 ml 6

Carbon Tetrachloride (IR) (E.U.) PAI

for fatty esters determination for Essential Uses

CCl₄

M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412

1l-1,594kg 1kg-0,627l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Identity IR p/t.

Density at 20/4 1,592-1,595

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Acidity 0,0005 meq/g

Water (H₂O) 0,01 %

Aliphatic and aromatic hydrocarbons (as squalene) 0,0002 %

Order code Package Units/Box st.

331245.1611 1000 ml 6

331245.1612 2,5 l 4

Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.)

(E.U.) PA-ACS-ISO

for Essential Uses

CCl₄

M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412

1l-1,594kg 1kg-0,627l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Identity IR p/t.

Density at 20/20 1,595-1,598

Boiling range 76-77°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Dichloromethane (G.C.) 0,02 %

Suitability for use in dithizone tests p/t.

Metallic impurities p/t.

Darkened substances by H₂SO₄ p/t.

Reducing substances of I₂ (as I) 0,0016 %

Sulphur compounds (as CS₂) 0,002 %

Acidity 0,0005 meq/g

Carbonyl compounds (as CH₃COCH₃) 0,005 %

Water (H₂O) 0,02 %

Chlorine (Cl) 0,0005 %

Phosgene (Cl₂CO) 0,0001 %

Chloride (Cl) 0,00006 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,02	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code Package Units/Box st.

131245.1611 1000 ml 6

131245.1612 2,5 l 4

Carbon Tetrachloride (E.U.) PRS

for Essential Uses

CCl₄

M: 153,82 CAS: 56-23-5 EINECS: 200-262-8 NC: 2903 14 00 UN: 1846

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612

Signal Word: Danger



H331-H311-H301-H351-H372-EUH059-H412

1l-1,594kg 1kg-0,627l

SPECIFICATIONS:

Assay (G.C.) 99,0 %

Identity IR p/t.

Density at 25/25 1,588-1,590

Non-volatile matter 0,002 %

Dichloromethane (G.C.) 0,05 %

Darkened substances by H₂SO₄ p/t.

Acidity p/t.

Carbon disulphide p/t.

Water (H₂O) 0,05 %

Phosgene (Cl₂CO) 0,0005 %

Chloride and free chlorine p/t.

Cu 0,00002 %

Fe 0,00002 %

Ni 0,00002 %

Pb 0,00002 %

Order code Package Units/Box st.

141245.1611 1000 ml 6

141245.1612 2,5 l 4

Carbowax

(see Polyethylene Glycol)

Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na (calc. a.d.s.)](Perchl. Ac.) 6,5-9,5 %
 Identity according to Pharmacopoeias p/t
 pH of 1% solution 6,5-8,0
 Viscosity (2% sol. at 20°C) 25-50 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
142416.1209	250 g	6
142416.1211	1000 g	6
142416.0416	25 kg	

Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis 99,5-100,5%
 Arsenic (as As), not more than 3 ppm
 Lead, not more than 3 ppm
 Heavy metals (as Pb), not more than 0,001 %
 Loss on drying, not more than 10,0 %
 Viscosity of a 2% sol. w/w, not less than 25 cP
 Sodium Chloride and Sodium Glycolate, not more than 0,5 %
 Sodium Glycolate, not more than 0,4 %
 Degree of substitut. per anhydroglucose unit (as -CH₂COOH groups) 0,2-0,95 %
 Sodium (after drying), not more than 9,5 %
 pH of 1% solution 6,0-8,5
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
202416.0914	5 kg	

Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na (calc. a.d.s.)](Perchl. Ac.) 6,5-9,5 %
 Identity according to Pharmacopoeias p/t
 pH of 1% solution 6,5-8,0
 Viscosity (2% sol. at 20°C) 400-800 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
144441.1209	250 g	6
144441.0914	5 kg	
144441.0416	25 kg	

Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis 99,5-100,5%
 Arsenic (as As), not more than 3 ppm
 Lead, not more than 3 ppm
 Heavy metals (as Pb), not more than 0,001 %
 Loss on drying, not more than 10,0 %
 Viscosity of a 2% sol. w/w, not less than 400 cP
 Sodium Chloride and Sodium Glycolate, not more than 0,5 %
 Sodium Glycolate, not more than 0,4 %
 Degree of substitut. per anhydroglucose unit (as -CH₂COOH groups) 0,2-0,95%
 Sodium (after drying), not more than 9,5 %
 pH of 1% solution 6,0-8,5
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
204441.0914	5 kg	

Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay [as Na (calc. a.d.s.)](Perchl. Ac.) 6,5-9,5 %
 Identity according to Pharmacopoeias p/t
 pH of 1% solution 6,5-8,0
 Viscosity (1% sol. at 20°C) 1500-3500 cP

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
143922.1209	250 g	6
143922.1211	1000 g	6
143922.0914	5 kg	

Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO

R_nOCH₂COONa

CAS: 9004-32-4 NC: 3912 31 00

SPECIFICATIONS:

Assay of Carboxymethylcellulose Sodium Salt, calc. on the dried basis 99,5-100,5%
 Arsenic (as As), not more than 3 ppm
 Lead, not more than 3 ppm
 Heavy metals (as Pb), not more than 0,001 %
 Loss on drying, not more than 10,0 %
 Viscosity of a 2% sol. w/w, not less than 1500 cP
 Sodium Chloride and Sodium Glycolate, not more than 0,5 %
 Sodium Glycolate, not more than 0,4 %
 Degree of substitut. per anhydroglucose unit (as -CH₂COOH groups) 0,2-0,95 %
 Sodium (after drying), not more than 9,5 %
 pH of 1% solution 6,0-8,5
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Loss on drying at 105°C 10,0 %
 Residue on ignition (as SO₄) 20,0-29,3 %
 Chloride (Cl) 0,25 %
 Residual solvents (Ph.Eur./USP) p/t
 Sodium glycolate 0,4 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Fe 0,02 %

Order code	Package	Units/Box st.
203922.0914	5 kg	
203922.0416	25 kg	

Carmin (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC

C₄₄H₃₇AlCaO₂₇·3H₂O

M: 1118,78 CAS: 1390-65-4 EINECS: 215-724-4 NC: 3203 00 90

SPECIFICATIONS:

Identity IR p/t
 λ₁ of max. ABS in DMSO 563-571 nm
 λ₂ of max. ABS in DMSO 525-533 nm
 A 1%, 1 cm, λ₁ max >70
 A 1%, 1 cm, λ₂ max >100
 Ratio λmax. P+/- 15 nm (at λ528 nm) 1,00-1,10

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
251824.1605	10 g	6
251824.1606	25 g	6

Carminic acid (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) PA

$C_{44}H_{37}AlCaO_{27} \cdot 3H_2O$

M: 1118,78 CAS: 1390-65-4 EINECS: 215-724-4 NC: 3203 00 90

SPECIFICATIONS:

Minimum assay (Spectrophotometric) (as Carminic Acid) 50,0 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
124842.1605	10 g	6

Carminic Acid (C.I. 75470) DC

$C_{22}H_{20}O_{13}$

M: 492,40 CAS: 1260-17-9 EINECS: 215-023-3 NC: 3204 12 00

SPECIFICATIONS:

Minimum assay (Spectrophotometric) calc. a.d.s 90,0 %

Identity IR p/t

λ of max. ABS at pH 3,0 490-495 nm

A 1%; 1cm; λ max >130

Order code	Package	Units/Box st.
254354.1604	5 g	6

Carnoy's Fixing DC

for microscopy

NC: 3822 00 00 UN: 1992

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H351-H373-H319-H315

1l-1,022kg 1kg-0,978l

Composition:

Acetic Acid glacial 100 ml

Ethanol absolute 600 ml

Trichloromethane stab. with ethanol 300 ml

Order code	Package	Units/Box st.
251917.1611	1000 ml	6

Carrez I, Carrez II

(see Carrez's Reagent)

Carrez's Reagent I RE

for precipitation of proteins

NC: 3822 00 00

1l-1,122kg 1kg-0,891l

Composition:

Zinc Acetate 2-hydrate 239 g

Acetic Acid glacial 28,6 ml

Water s.q.m 1 l

Order code	Package	Units/Box st.
173355.1211	1000 ml	6
173355.1214	5 l	4

Carrez's Reagent II RE

for precipitation of proteins

NC: 3822 00 00

1l-1,061kg 1kg-0,943l

Composition:

Potassium Hexacyanoferrate(II) 3-hydrate 107 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
173356.1211	1000 ml	6
173356.1214	5 l	4

Carvacrol

(see 5-Isopropyl-2-Methylphenol)

Casein Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5

Loss on drying at 105°C 7 %

Residue on ignition (as SO₂) 15 %

Total Nitrogen ≥ 10 %

Order code	Package	Units/Box st.
403898.1210	500 g	6
403898.0914	5 kg	6
403898.0416	25 kg	6

Casein Peptone Hydrolyzed (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5

Loss on drying at 105°C 5 %

Residue on ignition (as SO₂) 45 %

Total Nitrogen ≥ 5 %

Order code	Package	Units/Box st.
403691.1210	500 g	6
403691.0914	5 kg	6
403691.0416	25 kg	6

Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX

CAS: 8001-79-4 EINECS: 232-293-8 NC: 1515 30 90

1l-0,958kg 1kg-1,044l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t

Density at 20/20 0,952-0,965

Refractive index n_D²⁰ 1,477-1,481

Hydroxyl value ≥ 150

Iodine value 82-90

Saponification value 176-187

Specific Rotation [α]_D²⁰ (without dil.) +3,5 to +6,0°

MAXIMUM LIMIT OF IMPURITIES

Absorbance p/t

Acidity value 2,0

Peroxide value 5,0

Unsaponifiable matter 0,8 %

Composition of fatty acids p/t

Foreign fatty substances p/t

Water (H₂O) 0,3 %

Residual solvents (Ph.Eur./USP) p/t

Order code	Package	Units/Box st.
144564.1611	1000 ml	6
144564.1214	5 l	4

Catechol

(see Pyrocatechol)

Cation Exchange Resin Strongly Acidic PA

CAS: 69011-20-7 NC: 3914 00 00

SPECIFICATIONS:

Total exchange capacity, min 2,0 meq/ml

Water 46-52 %

Order code	Package	Units/Box st.
125436.1211	1000 g	6

Cbz

(see Z derivatives)

CDTA

(see 1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic Acid 1-hydrate)

Cedar Wood Oil DC

for microscopy, inclusion medium

CAS: 8000-27-9 NC: 3301 30 00

1l-0,991kg 1kg-1,009l

SPECIFICATIONS:

Identity IR p/t

Density at 20/4 0,986-0,996

Refractive index n_D²⁰ 1,518-1,525

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OC₂H₅ p/t

Insoluble matter in C₂H₅OH p/t

Order code	Package	Units/Box st.
251001.1606	25 ml	6
251001.1607	50 ml	6

Celite Hyflo Super Cel® RE

(® Registered trade-mark of World Minerals)

CAS: 61790-53-2 EINECS: 319-127-6 NC: 3802 90 00

Signal Word: Warning



H371

SPECIFICATIONS:

Loss on ignition 0,2 %

Granular size:

Less than 0,1 mm 90 %

Order code	Package	Units/Box st.
175772.1210	500 g	6

Cellosolve

(see Ethylene Glycol mono-Ethyl Ether)

Ceric

(see Cerium(IV) compounds)

CERIUM SOLUTIONS

(see Standards for ICP)

Cerium(IV) Ammonium Nitrate

(see Ammonium Cerium(IV) Nitrate)

Cerium(IV) and Ammonium Sulphate

(see Ammonium Cerium(IV) Sulphate 2-hydrate)

Cerium(IV) Oxide PRS

CeO₂

M: 172,12 CAS: 1306-38-3 EINECS: 215-150-4 NC: 2846 90 00

SPECIFICATIONS:

Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,1 %
Heavy metals (as Pb) 0,002 %

Order code	Package	Units/Box st.
141247.1208	100 g	6
141247.1209	250 g	6

Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA

Ce(SO₄)₂·4H₂O

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Iodom.) 98 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂SO₄ 0,1 %
Non-precipitated by NH₄OH 0,3 %
Chloride (Cl) 0,01 %
Heavy metals (as Pb) 0,003 %
Heavy metals (Reagent Pharmacopoeias) p/t.
Al 0,01 %
Cu 0,003 %
Fe 0,015 %
Ni 0,003 %
Pb 0,003 %

Order code	Package	Units/Box st.
121248.1208	100 g	6
121248.1209	250 g	6
121248.1211	1000 g	6
121248.1214	5 kg	

Cerium(IV) Sulphate 4-hydrate PRS

Ce(SO₄)₂·4H₂O

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (Iodom.) 98 %
Chloride (Cl) 0,05 %
Cu 0,01 %
Fe 0,05 %
Ni 0,01 %
Pb 0,01 %

Order code	Package	Units/Box st.
141248.1208	100 g	6
141248.1209	250 g	6
141248.1211	1000 g	6
141248.1214	5 kg	

CERIUM(IV) SULPHATE VOLUMETRIC SOLUTIONS

Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV

Ce(SO₄)₂·4H₂O

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

1l~1,036kg 1kg~0,965l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
182136.1611	1000 ml	6

Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV

Ce(SO₄)₂·4H₂O

M: 404,30 CAS: 10294-42-5 EINECS: 237-029-5 NC: 2846 90 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

1l~1,083kg 1kg~0,923l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
181249.1611	1000 ml	6

CESIUM SOLUTIONS

(see Standards for ICP)

Cesium Chloride (Reag. Ph. Eur.) PA

CsCl

M: 168,36 CAS: 7647-17-8 EINECS: 231-600-2 NC: 2827 39 85

SPECIFICATIONS:

Minimum assay (Arg.) 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Nitrogen compounds (as N) 0,003 %
Phosphate (PO₄) 0,002 %
Sulphate (SO₄) 0,002 %

Metals by ICP [mg/Kg (ppm)]

Al 10	K 20
As 1	Li 20
B 2	Mg 5
Ba 10	Mn 3
Bi 2	Mo 5
Ca 10	Na 30
Cd 3	Ni 3
Co 3	Pb 3
Cr 3	Sr 3
Cu 3	Tl 5
Fe 3	Zn 5

Order code	Package	Units/Box st.
122509.1206	25 g	6
122509.1208	100 g	6

Cesium Chloride/Aluminium Nitrate Buffer Solution

(see Buffer Solution Aluminium Nitrate/Cesium Chloride)

Cesium Chloride/Lanthanum Chloride Buffer Solution

(see Buffer Solution Cesium Chloride/Lanthanum Chloride)

Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX

C₁₇H₃₅BrN

M: 336,42 CAS: 1119-97-7 EINECS: 214-291-9 NC: 2923 90 00

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s 96,0-101,0%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Loss on drying at 105°C 2,0 %
Residue on ignition (as SO₄) 0,5 %
Acidity or alkalinity p/t.
Amines and amine salts p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
142542.1208	100 g	6
142542.1209	250 g	6

Cetrimonium Bromide

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CH₃(CH₂)₁₅OH

M: 242,45 CAS: 36653-82-4 EINECS: 253-149-0 NC: 2905 17 00

Signal Word: Warning



H315

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %
Identity according to Pharmacopoeias p/t.
Melting range 46-52°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in alcohol p/t.
Acidity value 1,0
Hydroxyl value 218-238
Saponification value 2,0
Iodine value 2,0
Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
143143.1210	500 g	6
143143.1211	1000 g	6
143143.0914	5 kg	

Cetyl Alcohol, 97% PS

CH₂(CH₂)₁₅OH

M: 242,45 CAS: 36653-82-4 EINECS: 253-149-0 NC: 2905 17 00

Signal Word: Warning

 H315

SPECIFICATIONS:

Minimum assay (G.C.) 97 %
 Identity IR p/t.
 Melting range 47-50°C

Order code	Package	Units/Box st.
163143.1208	100 g 	6
163143.1210	500 g 	6

N-Cetyl-N,N,N-Trimethylammonium Bromide PA

C₁₉H₄₂BrN

M: 364,46 CAS: 57-09-0 EINECS: 200-311-3 NC: 2923 90 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning

  H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (Arg.) 98,0 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
 Loss on drying at 105°C 1 %
 Residue on ignition (as SO₂) 0,5 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
122054.1208	100 g 	6
122054.1209	250 g 	6

N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS

C₁₉H₄₂BrN

M: 364,46 CAS: 57-09-0 EINECS: 200-311-3 NC: 2923 90 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning

  H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (Arg.) 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
162054.1208	100 g 	6
162054.1211	1000 g 	6

Charcoal Activated powder PA

bleacher

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Adsorption power of methylene blue (0,15%) min 100 ml/g
 Decolorizing power p/t.

MAXIMUM LIMIT OF IMPURITIES

Soluble matter in H₂O 0,2 %
 Soluble matter in HCl 1 %
 Soluble matter in C₂H₅OH 0,2 %
 Organic substances p/t.
 Loss on drying at 120°C 10 %
 Residue on ignition 1 %
 Acidity and alkalinity p/t.
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,01 %
 Sulphide (S) p/t.
 Ca 0,05 %
 Cu 0,002 %
 Fe 0,025 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
121237.1609	250 g 	6
121237.1610	500 g 	6
121237.0914	5 kg 	6
121237.0416	25 kg 	6

Charcoal Activated powder (E-153, F.C.C.) ADITIO

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Iodine Index, not less than 400
 Loss on drying, not more than 10 %
 Residue on ignition, not more than 7 %
 Cyanogen Compounds p/t.
 Higher aromatic Hydrocarbons p/t.
 Lead, not more than 10 ppm
 Arsenic (as As), not more than 3 ppm
 Soluble matter in water, not more than 4,0 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201237.0914	5 kg 	6
201237.0416	25 kg 	6

Charcoal Activated powder QP

bleacher

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Decolorizing power p/t.
 Chloride (Cl) 0,2 %
 Cu 0,005 %
 Fe 0,05 %
 Ni 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
211237.1609	250 g 	6
211237.1610	500 g 	6
211237.0914	5 kg 	6
211237.0416	25 kg 	6

Charcoal Activated granulated n° 1 QP

granules of ~3 mm. Catalyst and adsorber

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C 6 %
 Granular size 1,25-3,15 mm

Order code	Package	Units/Box st.
211238.1609	250 g 	6
211238.1610	500 g 	6
211238.0914	5 kg 	6
211238.0416	25 kg 	6

Charcoal Activated granulated n° 2 QP

cylinders of ~3 mm. Bleacher and adsorber

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C 15 %
 Granular size 3-5 mm

Order code	Package	Units/Box st.
211239.1609	250 g 	6
211239.1610	500 g 	6
211239.0914	5 kg 	6
211239.0416	25 kg 	6

Charcoal Activated granulated n° 3 QP

granules of 3 mm. Bleacher and adsorber

C

M: 12,01 CAS: 7440-44-0 EINECS: 231-153-3 NC: 3802 10 00

SPECIFICATIONS:

Residue on ignition at 600°C 6 %
 Granular size 0,5-3,15 mm

Order code	Package	Units/Box st.
211240.1609	250 g 	6
211240.1610	500 g 	6
211240.0914	5 kg 	6

Charcoal Animal powder QP

bleacher

NC: 3801 90 00

SPECIFICATIONS:

Acidity and alkalinity p/t.
 Sulphide p/t.

Order code	Package	Units/Box st.
211241.1609	250 g 	6
211241.1610	500 g 	6
211241.0914	5 kg 	6
211241.0416	25 kg 	6

C

Charcoal Vegetal powder QP

adsorber

NC: 4402 90 00

SPECIFICATIONS:

Acidity and alkalinity p/t.
Sulphide p/t.

Order code Package Units/Box st.

211243.1609	250 g		6
211243.1610	500 g		6
211243.0914	5 kg		
211243.0416	25 kg		

Chemical Oxygen Demand (COD)

(see Standards for COD)

CHES

(see 2-Cyclohexylaminoethanosulphonic Acid)

Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

C₂H₃Cl₃O₂

M: 165,40 CAS: 302-17-0 EINECS: 206-117-5 NC: 2905 59 99 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Assay (Acidim.) 98,5-101,0%
Identity according to Pharmacopoeias p/t.
pH of 10% solution 3,5-5,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Non-volatile matter 0,1 %
Chloral alcoholate p/t.
Darkened substances by H₂SO₄ p/t.
Chloride (Cl) 0,01 %
Heavy metals (as Pb) 0,002 %

Order code Package Units/Box st.

141975.1210	500 g		6
141975.1211	1000 g		6
141975.1214	5 kg		4
141975.0416	25 kg		

Chloramine T 3-hydrate (Reag. USP) PA-ACS

C₇H₇ClNNaO₂S·3H₂O

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%
Identity IR p/t.
pH of 5% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
Insoluble matter in C₂H₅OH 1,5 %
ortho-Compound p/t.
Suitability for bromide determination p/t.

Order code Package Units/Box st.

132323.1209	250 g		6
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Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

C₇H₇ClNNaO₂S·3H₂O

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%
Identity according to Pharmacopoeias p/t.
pH of 5% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Insoluble matter in C₂H₅OH 1,5 %
ortho-Compound p/t.

Order code Package Units/Box st.

142323.1209	250 g		6
142323.1211	1000 g		6
142323.0914	5 kg		
142323.0416	25 kg		

Chloramine T 3-hydrate, 98% PS

C₇H₇ClNNaO₂S·3H₂O

M: 281,69 CAS: 7080-50-4 EINECS: 204-854-7 NC: 2935 00 90

Signal Word: Danger



H302-EUH031-H314-H334

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

152323.1208	100 g		6
152323.1211	1000 g		6

Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX

C₁₁H₁₂Cl₂N₂O₅

M: 323,13 CAS: 56-75-7 EINECS: 200-287-4 NC: 2941 40 00

SPECIFICATIONS:

Assay (UV) calc. a.d.s 98,0-102,0%
Identity according to Pharmacopoeias p/t.
Melting range 149-153°C
Specific rotation [α]_D²⁰ c=6 (in C₂H₅OH) +18,5 to +20,5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C 0,5 %
Residue on ignition (as SO₂) 0,1 %
Related substances p/t.
Acidity or alkalinity p/t.
Chloride (Cl) 0,01 %

Order code Package Units/Box st.

143481.1606	25 g		6
143481.1608	100 g		6
143481.1610	500 g		6

Chlorbutol

(see 1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate)

5-Chlorocarvacrol, 97% PS

C₁₀H₉ClO

M: 184,67 CAS: 5665-94-1 EINECS: 227-122-9 NC: 2908 19 00

Signal Word: Warning



H315

SPECIFICATIONS:

Assay (G.C.) 97 %
Identity IR p/t.
Heavy metals (as Pb) 20 ppm
Residue on ignition (as SO₂) 0,2 %

Order code Package Units/Box st.

153856.1610	500 g		6
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CHLORIDE SOLUTIONS

(see Standards for ICP and Ionic Chromatography)

Chlorine Iodide

(see Iodine mono-Chloride)

mono-Chloroacetic Acid PRS

C₂H₃ClO₂

M: 94,50 CAS [79-11-8] EINECS 201-178-4 NC: 2915 40 00

E.C.: 607-003-00-1 RTECS: AF 8575000 LD₅₀ orl rat 580 mg/Kg

LC₅₀ ihl rat 180 mg/m³ UN: 1751 ADR: 6.1/II IMDG: 6.1/II IATA: 6.1/II

PAX: 614 CAO: 616 (D/E)

Signal Word: Danger



H331-H311-H301-H314-H400

SPECIFICATIONS:

Assay (Acidim.) 98,5 %
Melting range 61-63°C
Insoluble matter in H₂O 0,01 %
Residue on ignition (as SO₂) 0,2 %
Nitrogen compounds (as N) 0,01 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,01 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code Package Units/Box st.

141811.1611	1000 g		6
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Chloroacetic Anhydride, 97% PS

C₂H₃Cl₂O₃
 M: 170,98 CAS: 541-88-8 EINECS: 208-794-2 NC: 2915 29 00 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H331-H311-H301-H314

SPECIFICATIONS:
 Minimum assay 97 %

Order code	Package	Units/Box st.
15A148.1606	25 g	6

4-Chloroacetoacetic Acid Ethyl Ester

(see Ethyl 4-Chloroacetoacetate)

5-Chloroanthranilic Acid

(see 2-Amino-5-Chlorobenzoic Acid)

2-Chlorobenzaldehyde, 99% PS

C₇H₅ClO
 M: 140,57 CAS: 89-98-5 EINECS: 201-956-3 NC: 2913 00 00 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1I-1,249kg 1kg-0,801I

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B291.1609	250 ml	6
15B291.1611	1000 ml	6

3-Chlorobenzaldehyde, 99% PS

C₇H₅ClO
 M: 140,57 CAS: 587-04-2 EINECS: 209-596-9 NC: 2913 00 00
 Signal Word: Warning

H319-H335-H315
 1I-1,241kg 1kg-0,806I

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B292.1606	25 ml	6
15B292.1608	100 ml	6

mono-Chlorobenzene

(see Chlorobenzene)

Chlorobenzene dry (max. 0,01% water) DS-ACS

C₆H₅Cl
 M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H411
 1I-1,108kg 1kg-0,903I

SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 1,106-1,110

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 30
 Non-volatile matter 0,002 %
 Benzene (G.C.) 0,01 %
 Darkened substances by H₂SO₄ p/t.
 Sulphur compounds (as CS₂) 0,0003 %
 Acidity 0,004 meq/g
 Water (H₂O) 0,01 %
 Thiophene (C₂H₄S) 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code	Package	Units/Box st.
481953.1611	1000 ml	6

Chlorobenzene (Reag. USP) PA-ACS

C₆H₅Cl
 M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H411

1I-1,108kg 1kg-0,903I
 SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/20 1,100-1,111
 Boiling range (>95% dist.) 129-131°C

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 30
 Non-volatile matter 0,002 %
 Benzene (G.C.) 0,01 %
 1,2-Dichlorobenzene (G.C.) 0,02 %
 1,3-Dichlorobenzene (G.C.) 0,02 %
 1,4-Dichlorobenzene (G.C.) 0,02 %
 Darkened substances by H₂SO₄ p/t.
 Sulphur compounds (as CS₂) 0,0003 %
 Acidity 0,004 meq/g
 Water (H₂O) 0,1 %
 Thiophene (C₂H₄S) 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	Sb	0,02
Au	0,05	Hg	0,05	Si	0,2
B	0,02	In	0,05	Sn	0,1
Ba	0,1	K	0,1	Sr	0,2
Be	0,02	Li	0,05	Ti	0,02
Bi	0,05	Mg	0,1	Tl	0,02
Ca	0,5	Mn	0,02	V	0,02
Cd	0,05	Mo	0,02	Zn	0,1
Co	0,02	Na	0,5	Zr	0,02
Cr	0,02	Ni	0,02		
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
131953.1611	1000 ml	6
131953.1612	2,5 l	4
131953.1214	5 l	4
131953.0716	25 l	4

Chlorobenzene PRS

C₆H₅Cl
 M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H411
 1I-1,108kg 1kg-0,903I

SPECIFICATIONS:
 Assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,106-1,110
 Non-volatile matter 0,005 %
 Benzene (G.C.) 0,05 %
 1,2-Dichlorobenzene (G.C.) 0,05 %
 1,3-Dichlorobenzene (G.C.) 0,05 %
 1,4-Dichlorobenzene (G.C.) 0,05 %
 Sulphur compounds (as CS₂) 0,001 %
 Acidity 0,01 meq/g
 Water (H₂O) 0,2 %
 Thiophene (C₂H₄S) 0,001 %
 Cu 0,0002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141953.1611	1000 ml	6
141953.1612	2,5 l	4
141953.1214	5 l	4
141953.0716	25 l	4

Chlorobenzene, 99,5% PS

C₆H₅Cl

M: 112,56 CAS: 108-90-7 EINECS: 203-628-5 NC: 2903 61 00 UN: 1134
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H411

1l-1,108kg 1kg-0,903l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 1,106-1,110
Non-volatile matter 0,002 %
Acidity (as HCl) 0,01 %
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
161953.1611	1000 ml	6
161953.1214	5 l	4
161953.0716	25 l	

4-Chlorobenzenesulfonyl Chloride, 97% PS

C₆H₄Cl₂O₂S

M: 211,07 CAS: 98-60-2 EINECS: 202-685-3 NC: 2904 90 20 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay 97 %
Identity IR p/t

Order code	Package	Units/Box st.
15B634.1608	100 g	6
15B634.1610	500 g	6

4-Chlorobenzophenone, 99% PS

C₁₃H₉ClO

M: 216,67 CAS: 134-85-0 EINECS: 205-160-7 NC: 2914 39 00

SPECIFICATIONS:

Assay 99 %
Identity IR p/t
Melting range 75,5-77°C

Order code	Package	Units/Box st.
15B635.1208	100 g	6
15B635.1210	500 g	6

5-Chloro-2-Benzoxazolone, 98% PS

C₇H₄ClNO₂

M: 169,57 CAS: 95-25-0 EINECS: 202-403-9 NC: 2934 99 90

Signal Word: Danger



H331-H311-H301-H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B656.1606	25 g	6
15B656.1608	100 g	6

2-Chlorobenzoyl Chloride, 98% PS

C₇H₅Cl₂O

M: 175,02 CAS: 609-65-4 EINECS: 210-194-0 NC: 2916 39 00 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314-H335

1l-1,382kg 1kg-0,724l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B374.1608	100 ml	6
15B374.1610	500 ml	6

3-Chlorobenzoyl Chloride, 98% PS

C₇H₅Cl₂O

M: 175,01 CAS: 618-46-2 EINECS: 210-552-6 NC: 2916 39 00 UN: 3265
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,367kg 1kg-0,732l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B375.1606	25 ml	6
15B375.1608	100 ml	6

2-Chlorobenzyl Alcohol, 99% PS

C₇H₇ClO

M: 142,59 CAS: 17849-38-6 EINECS: 241-801-7 NC: 2906 29 00

SPECIFICATIONS:

Assay 99 %
Identity IR p/t

Order code	Package	Units/Box st.
15C033.1205	10 g	6
15C033.1207	50 g	6

4-Chlorobenzyl Alcohol, 98% PS

C₇H₇ClO

M: 142,58 CAS: 873-76-7 EINECS: 212-852-2 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A146.1606	25 g	6
15A146.1608	100 g	6

2-Chlorobenzylamine, 97% PS

C₇H₈ClN

M: 141,60 CAS: 89-97-4 EINECS: 201-955-8 NC: 2921 49 80 UN: 2735

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,170kg 1kg-0,855l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t

Order code	Package	Units/Box st.
15B392.1606	25 ml	6
15B392.1608	100 ml	6

3-Chlorobenzylamine, 98% PS

C₇H₈ClN

M: 141,60 CAS: 4152-90-3 EINECS: 223-985-0 NC: 2921 49 80 UN: 2735

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,159kg 1kg -0,863l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B393.1604	5 ml	6
15B393.1606	25 ml	6

4-Chlorobenzylamine, 98% PS

C₇H₈ClN

M: 141,60 CAS: 104-86-9 EINECS: 203-245-3 NC: 2921 49 80 UN: 2735

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,160kg 1kg -0,862l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B394.1604	5 ml	6
15B394.1606	25 ml	6

1-Chlorobutane (UV-IR-HPLC) PAI

C₄H₉Cl
 M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,886kg 1kg-1,128l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Density at 20/4 0,885-0,887

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non volatile matter 0,0002 %
 Acidity 0,0002 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,01 %
 Suitability for IR spectrometry p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	220 (Cut off)	227	232	250	260-400
A (AU)	1,000	0,222	0,097	0,009	0,004
T (%)	10	60	80	98	99

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 1,0
 Eluotropic value ε°(Al₂O₃) 0,26
 P* + 0,25 E 2,8
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
364343.1611	1000 ml	6
364343.1612	2,5 l	4

1-Chlorobutane (Reag. USP) PA

C₄H₉Cl
 M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,886kg 1kg-1,128l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 0,885-0,887
 Boiling range 76-80°C
 Refractive index n 20/D 1,4015-1,4035

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non volatile matter 0,001 %
 Sulphur compounds (as S) 0,002 %
 Acidity 0,0005 meq/g
 Water (H₂O) 0,01 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
124343.1611	1000 ml	6

1-Chlorobutane, 99% PS

C₄H₉Cl
 M: 92,57 CAS: 109-69-3 EINECS: 203-696-6 NC: 2903 19 80 UN: 1127
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,886kg 1kg-1,128l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,885-0,887
 Non-volatile matter 0,01 %
 Acidity (as HCl) 0,002 %

Order code	Package	Units/Box st.
164343.1611	1000 ml	6
164343.1714	5 l	4
164343.0616	25 l	

2-Chlorocinnamic Acid, 99% PS

C₉H₇ClO₂
 M: 182,61 CAS: 3752-25-8 EINECS: 223-154-2 NC: 2916 39 00
 Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C136.1606	25 g	6
15C136.1608	100 g	6

3-Chlorocinnamic Acid, 99% PS

C₉H₇ClO₂
 M: 182,61 CAS: 1866-38-2 EINECS: 217-478-3 NC: 2916 39 00
 Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C141.1604	5 g	6
15C141.1606	25 g	6

4-Chlorocinnamic Acid, 99% PS

C₉H₇ClO₂
 M: 182,61 CAS: 1615-02-7 EINECS: 216-564-8 NC: 2903 69 90
 Signal Word: Warning



H302

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.
 Melting range 249,0-250,0°C

Order code	Package	Units/Box st.
15A337.1606	25 g	6
15A337.1608	100 g	6

Chlorocresol

(see 4-Chloro-3-Methylphenol)

4-Chloro-m-Cresol

(see 4-Chloro-3-Methylphenol)

Chlorocyclopentane, 98% PS

C₅H₉Cl
 M: 104,58 CAS: 930-28-9 EINECS: 213-212-5 NC: 2903 59 80 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315

1l-1,005kg 1kg-0,995l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,003-1,008
 Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A751.1608	100 ml	6
15A751.1610	500 ml	6

1-Chloro-2,4-Dinitrobenzene PA

(NO₂)₂C₆H₃Cl
 M: 202,55 CAS: 97-00-7 EINECS: 202-551-4 NC: 2904 90 85 UN: 3441
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger



H331-H311-H301-H373-H410

CE: 610-003-00-4

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Melting range 49-51°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.
 Residue on ignition (as SO₂) 0,01 %
 Water (H₂O) 0,1 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
122442.1608	100 g	6

1-Chloro-2,4-Dinitrobenzene, 98% PS

(NO₂)₂C₆H₃Cl

M: 202,55 CAS: 97-00-7 EINECS: 202-551-4 NC: 2904 90 85 UN: 3441
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H410

CE: 610-003-00-4

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Melting range 47-50°C
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
162442.1608	100 g	6
162442.1610	500 g	6

4-Chloro-1,3-Dinitrobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

4-Chloro-3,5-Dinitrobenzoic Acid, 99% PS

C₇H₃ClN₂O₆

M: 246,56 CAS: 118-97-8 EINECS: 204-290-1 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %
Identity IR p/t
Melting range 159-162°C

Order code	Package	Units/Box st.
15B633.1606	25 g	6
15B633.1608	100 g	6

1-Chloro-2,3-Epoxypropane

(see Epichlorohydrin)

2-Chloroethanol, 99% PS

ClCH₂CH₂OH

M: 80,51 CAS: 107-07-3 EINECS: 203-459-7 NC: 2905 59 10 UN: 1135

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P

Signal Word: Danger



H330-H310-H300

11~1,200kg 1kg~0,833l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 1,197-1,202
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A628.1609	250 ml	6

1-Chloro-4-Ethenylbenzene

(see 4-Chlorostyrene)

3-Chloro-4-Fluoroaniline, 98% PS

C₆H₃ClFN

M: 145,56 CAS: 367-21-5 EINECS: 206-682-8 NC: 2921 42 10

Signal Word: Warning



H302

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B611.1606	25 g	6
15B611.1608	100 g	6

2-Chloro-4-Fluorobenzaldehyde, 97% PS

C₇H₄ClFO

M: 158,55 CAS: 84194-36-5 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

Assay 97 %
Identity IR p/t

Order code	Package	Units/Box st.
15C034.1603	1 g	6
15C034.1604	5 g	6

4-Chloro-2-Fluorobenzaldehyde, 99% PS

C₇H₄ClFO

M: 158,55 CAS: 61072-56-8 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

Assay 99 %
Identity IR p/t

Order code	Package	Units/Box st.
15C083.1604	5 g	6
15C083.1606	25 g	6

α-Chloro-2-Fluorotoluene

(see 2-Fluorobenzyl Chloride)

α-Chloro-3-Fluorotoluene

(see 3-Fluorobenzyl Chloride)

α-Chloro-4-Fluorotoluene

(see 4-Fluorobenzyl Chloride)

Chloroform

(see Trichloromethane)

6-Chloroguanine

(see 2-Amino-6-Chloropurine)

5-Chloro-2-Hydroxybenzoxazole

(see 5-Chloro-2-Benzoxazolone)

4-Chloro-5-Isopropyl-2-Methylphenol

(see 5-Chlorcarvacrol)

4-Chloro-2-Methyl-5-(1-Methylethyl) Phenol

(see 5-Chlorcarvacrol)

4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX

C₇H₇ClO

M: 142,58 CAS: 59-50-7 EINECS: 200-431-6 NC: 2907 19 90 UN: 3437

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H312-H302-H318-H317-H400

SPECIFICATIONS:

Assay 99,0-101,0 %
Identity according to Pharmacopoeias p/t
Melting range 64-66°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in CH₂CH₂OH p/t
Non-volatile matter 0,1 %
Acidity p/t
Total of impurities 1%
Residual solvents (Ph. Eur./ USP) p/t

Order code	Package	Units/Box st.
145226.1211	1000 g	6

4-Chloro-3-Methylphenol, 99% PS

C₇H₇ClO

M: 142,58 CAS: 59-50-7 EINECS: 200-431-6 NC: 2907 19 90 UN: 3437

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H312-H302-H318-H317-H400

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Melting range 64-66°C

Order code	Package	Units/Box st.
165226.1209	250 g	6
165226.1211	1000 g	6

1-Chloronaphthalene, 93% PS

C₁₀H₇Cl

M: 162,62 CAS: 90-13-1 EINECS: 201-967-3 NC: 2903 69 90

Signal Word: Warning



H302

11~1,194kg 1kg~0,837l

SPECIFICATIONS:

Minimum assay 93 %

Order code	Package	Units/Box st.
15A059.1609	250 ml	6
15A059.1611	1000 ml	6

2-Chlorophenol PA

C₆H₅Cl
 M: 128,56 CAS: 95-57-8 EINECS: 202-433-2 NC: 2908 19 00 UN: 2021
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Warning



H332-H312-H302-H411

1l-1,261kg 1kg-0,793l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 1,258-1,262
 Freezing range 8-9°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,01 %
 3-Chlorophenol (G.C.) 0,1 %
 4-Chlorophenol (G.C.) 0,1 %
 Chloride (Cl) 0,001 %
 Water (H₂O) 0,05 %
 Ca 0,00005 %
 Cd 0,00005 %
 Co 0,00002 %
 Cr 0,00002 %
 Cu 0,00002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,00002 %
 Ni 0,00002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
122445.1611	1000 ml	6

2-Chlorophenol, 99% PS

C₆H₅Cl
 M: 128,56 CAS: 95-57-8 EINECS: 202-433-2 NC: 2908 19 00 UN: 2021
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Warning



H332-H312-H302-H411

1l-1,261kg 1kg-0,793l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,258-1,262
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
162445.1610	500 ml	6
162445.1611	1000 ml	6

3-Chlorophenol, 98% PS

C₆H₅ClO
 M: 128,56 CAS: 108-43-0 EINECS: 203-582-6 NC: 2908 19 00 UN: 2020
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning



H332-H312-H302-H411

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B278.1608	100 g	6

Chlorophenol Red PA

pH indicator 4,6 yellow; 7,0 purple
 C₁₈H₁₂Cl₂O₅S
 M: 423,27 CAS: 4430-20-0 EINECS: 224-619-2 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in NaOH 0,1 mol/l 572-575 nm
 A 1%, 1cm, λmax >1250
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 yellow 4,6
 purple 7,0
 Insoluble matter in C₂H₅OH p/t.
 Loss on drying at 135°C 8 %
 Residue on ignition (as SO₂) 0,5 %

Order code	Package	Units/Box st.
121609.1604	5 g	6

4-Chlorophenylhydrazinium Chloride, 98% PS

C₆H₅ClN₂HCl
 M: 179,05 CAS: 1073-70-7 EINECS: 214-030-9 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A347.1604	5 g	6
15A347.1606	25 g	6

Chloroplatinic Acid

(see Hexachloroplatinic(IV) Acid)

N-(2-Chloropropyl)-N,N-Dimethylammonium Chloride

(see 2-(Dimethylamino) Isopropyl Chloride Hydrochloride)

4-Chlorostyrene, 98% PS

C₈H₇Cl
 M: 138,60 CAS: 1073-67-2 EINECS: 214-028-8 NC: 2903 69 90
 1l-1,089kg 1kg-0,918l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B996.1605	10 ml	6
15B996.1607	50 ml	6

Chlorosulphonic Acid, 98% PS

HClO₃S
 M: 116,52 CAS: 7790-94-5 EINECS: 232-234-6 NC: 2806 20 00 UN: 1754
 IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
 Signal Word: Danger



EUH014-H314-H335

1l-1,75kg 1kg-0,57l

SPECIFICATIONS:

Minimum assay (Acidim.) 98 %
 Density at 20/4 1,749-1,753

Order code	Package	Units/Box st.
15A676.1609	250 ml	6
15A676.1611	1000 ml	6

α-Chlorotoluene

(see Benzyl Chloride)

N-Chlorotoluene-4-Sulphonamide Sodium Salt

(see Chloramine T 3-hydrate)

Chlorotriisopropylsilane, 97% PS

C₉H₂₁ClSi
 M: 192,80 CAS: 13154-24-0 NC: 2931 00 95 UN: 2987
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H314

1l-0,9kg 1kg-1,1l

SPECIFICATIONS:

Minimum assay 97 %

Order code	Package	Units/Box st.
15A106.1604	5 ml	6
15A106.1606	25 ml	6

Chlorotrimethylsilane CG

for derivatization (GC)
 (CH₃)₃SiCl
 M: 108,64 CAS: 75-77-4 EINECS: 200-900-5 NC: 2931 00 95 UN: 1298
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 304
 Signal Word: Danger



H225-EU014-H314-H335

1l-0,860kg 1kg-1,163l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352776.0207	50 ml	6

Chlorotrimethylsilane, 98% PS

(CH₃)₃SiCl
 M: 108,64 CAS: 75-77-4 EINECS: 200-900-5 NC: 2931 00 95 UN: 1298
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 304
 Signal Word: Danger



H225-EUH014-H314-H335

1l-0,860kg 1kg-1,163l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Density at 20/4 0,855-0,861

Order code	Package	Units/Box st.
162776.1608	100 ml	6
162776.1610	500 ml	6

Chlorzoxazone

(see 5-Chloro-2-Benzoxazolone)

Cholesterin

(see Cholesterol)

Cholic Acid Sodium Salt, 98% PS

C₂₄H₃₈NaO₅
 M: 430,56 CAS: 361-09-1 EINECS: 206-643-5 NC: 2918 19 30

SPECIFICATIONS:

Assay (a.d.s.) 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15C073.1204	5 g	6
15C073.1206	25 g	6

CHROMATE SOLUTION

(see Standards for Ionic Chromatography)

Chrome Alum

(see Chromium(III) Potassium Sulphate 12-hydrate)

Chromic

(see Chromium(III) compounds)

Chromic Acid

(see Chromium(VI) Oxide)

Chromic Anhydride

(see Chromium(VI) Oxide)

Chromic Mixture

(see DERQUIM MC Chromic Mixture)

Chromic Mixture, Substitute of

[see DERQUIM OXY (Substitute of Chromic Mixture)]

CHROMIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Chromium(III) Chloride 6-hydrate PRS

CrCl₃·6H₂O
 M: 266,45 CAS: 10060-12-5 EINECS: 233-038-3 NC: 2827 39 85
 Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.) 95,0 %
 pH of 5% solution 2,0-3,5
 Non-precipitated substances by NH₄OH (as SO₄) 0,2 %
 Sulphate (SO₄) 0,02 %
 Ammonium (NH₄) 0,01 %
 Fe 0,01 %
 Pb 0,005 %

Order code	Package	Units/Box st.
142014.1609	250 g	6
142014.1611	1000 g	6
142014.0416	25 kg	6

Chromium(III) Nitrate 9-hydrate PA

Cr(NO₃)₃·9H₂O
 M: 400,15 CAS: 7789-02-8 EINECS: 236-921-1 NC: 2834 29 80 UN: 2720
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Iodom.) 98,0 %
 pH of 5% solution 2,0-3,0

MAXIMUM LIMIT OF IMPURITIES

Non precipi.substances by NH₄OH (as SO₄) 0,2 %
 Chloride (Cl) 0,002 %
 Sulphate (SO₄) 0,005 %
 Ammonium (NH₄) 0,001 %
 Ca 0,005 %
 Cd 0,001 %
 Co 0,001 %
 Cu 0,001 %
 Fe 0,02 %
 Mg 0,005 %
 Mn 0,001 %
 Na 0,01 %
 Ni 0,005 %
 Pb 0,002 %
 Sr 0,005 %
 Zn 0,001 %

Order code	Package	Units/Box st.
121275.1210	500 g	6
121275.1211	1000 g	6
121275.1214	5 kg	4
121275.0416	25 kg	6

Chromium(III) Nitrate 9-hydrate PRS

Cr(NO₃)₃·9H₂O
 M: 400,15 CAS: 7789-02-8 EINECS: 236-921-1 NC: 2834 29 80 UN: 2720
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.) 97 %
 pH of 5% solution 2,0-3,0
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,05 %
 Ammonium (NH₄) 0,01 %
 Fe 0,05 %

Order code	Package	Units/Box st.
141275.1210	500 g	6
141275.1211	1000 g	6
141275.1214	5 kg	4
141275.0416	25 kg	6

Chromium(VI) Oxide (Reag. Ph. Eur.) PA

CrO₃
 M: 99,99 CAS: 1333-82-0 EINECS: 215-607-8 NC: 2819 10 00 UN: 1463
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H350-H340-H271-H311-H301-H330-H314-H334-H317-H372-H361f-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 98,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Precipitated substances by NH₄OH 0,05 %
 Nitrogen compounds (as N) 0,005 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,05 %
 Al 0,005 %
 Ba 0,005 %
 Ca 0,005 %
 Cd 0,005 %
 Cu 0,005 %
 Fe 0,01 %
 K 0,005 %
 Na 0,2 %
 Pb 0,005 %
 Zn 0,005 %

Order code	Package	Units/Box st.
121153.1610	500 g	6
121153.1611	1000 g	6

Chromium(VI) Oxide QP

CrO₃
 M: 99,99 CAS: 1333-82-0 EINECS: 215-607-8 NC: 2819 10 00 UN: 1463
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H350-H340-H271-H311-H301-H330-H314-H334-H317-H372-H361f-H410

SPECIFICATIONS:

Assay (Iodom.)	99 %
Insoluble matter in H ₂ O	0,1 %
Chloride (Cl)	0,05 %
Ca	0,02 %
Fe	0,05 %

Order code	Package	Units/Box st.
211153.1610	500 g	6
211153.1611	1000 g	6

Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS

KCr(SO₄)₂·12H₂O
 M: 499,41 CAS: 7788-99-0 EINECS: 233-401-6 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.)	98,0-102,0%
pH of 5% solution	2,8-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,002 %
Ammonium (NH ₄)	0,01 %
Heavy metals (as Pb)	0,01 %
Al	0,005 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,001 %
Fe	0,01 %
Na	0,05 %
Ni	0,005 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131284.1210	500 g	6
131284.1211	1000 g	6
131284.1214	5 kg	4
131284.0416	25 kg	

Chromium(III) Potassium Sulphate 12-hydrate PRS

KCr(SO₄)₂·12H₂O
 M: 499,41 CAS: 7788-99-0 EINECS: 233-401-6 NC: 2833 30 00

SPECIFICATIONS:

Assay (Iodom.)	98 %
Appearance	p/t
pH of 5% solution	>2,5
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,1 %
Ammonium (NH ₄)	0,03 %
Al	0,02 %
Cu	0,005 %
Fe	0,02 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
141284.1210	500 g	6
141284.1211	1000 g	6
141284.1214	5 kg	4

Chromium(III) Sulphate x-hydrate PRS

Cr₂(SO₄)₃·xH₂O
 M: 392,18(anh) CAS: 15244-38-9 NC: 2833 29 20 UN: 3260
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314-H332-H312-H302

SPECIFICATIONS:

Assay [as Cr ₂ (SO ₄) ₃](Iodom.)	75 %
pH of 5% solution	1-2
Chloride (Cl)	0,05 %
Ammonium (NH ₄)	0,01 %
Fe	0,1 %

141926.1210	500 g	6
141926.1211	1000 g	6

Chromium Trioxide

(see Chromium(VI) Oxide)

Chromotropic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

aldehyde reagent
 C₁₀H₈Na₂O₆S₂·2H₂O
 M: 400,29 CAS: 5808-22-0 EINECS: 204-972-9 NC: 2908 19 00

SPECIFICATIONS:

Identity	IR p/t.
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter in H ₂ O	p/t.
Sensitivity to HCHO	p/t.
Sensitivity to nitrates	p/t.

Order code	Package	Units/Box st.
131024.1606	25 g	6

C.I. Basic Blue 9

(see Methylene Blue)

C.I. Basic Blue 12

(see Nile Blue A Chloride)

Cinchonine (Reag. USP, Ph. Eur.) PA

Bi reagent
 C₁₉H₂₂N₂O
 M: 294,40 CAS: 118-10-5 EINECS: 204-234-6 NC: 2939 20 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
Identity	IR p/t.
Specific rotation [α] _D ²⁵ c=0,5 (in CH ₂ CH ₂ OH)	+219 to +229°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ SO ₄	p/t.
Loss on drying at 105°C	1,0 %
Residue on ignition (as SO ₃)	0,1 %
Cinchonidine and quinine	p/t.
Chloride (Cl)	0,02 %
Sulphate (SO ₄)	0,05 %

Order code	Package	Units/Box st.
121251.1605	10 g	6

Cineole

(see Eucalyptol)

Cinnamaldehyde, 98% PS

C₉H₈O
 M: 132,16 CAS: 104-55-2 EINECS: 203-213-9 NC: 2912 29 00
 Signal Word: Warning



H312-H315-H317

1l-1,045kg 1kg-0,957l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	1,040-1,050

Order code	Package	Units/Box st.
15A749.1609	250 ml	6
15A749.1611	1000 ml	6

Cinnamic Aldehyde

(see Cinnamaldehyde)

Citrazinic Acid, 97% PS

C₈H₅NO₄
 M: 155,11 CAS: 99-11-6 EINECS: 202-731-2 NC: 2933 39 99
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay	97 %
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Order code	Package	Units/Box st.
15A029.1608	100 g	6

Citric Acid anhydrous PA-ACS

C₆H₈O₇

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.).....99,5 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
Residue on ignition (as SO₄).....0,02 %
Darkened substances by H₂SO₄..... p/t.
Chloride (Cl).....0,001 %
Phosphate (PO₄).....0,001 %
Oxalate (C₂O₄).....0,05 %
Sulphur compounds (as SO₄).....0,002 %
Heavy metals (as Pb).....0,0005 %
As.....0,00001 %
Ca.....0,0025 %
Cu.....0,00005 %
Fe.....0,0003 %
Mg.....0,0005 %
Ni.....0,0002 %
Pb.....0,0002 %

Order code	Package	Units/Box st.
131808.1210	500 g	6
131808.1211	1000 g	6
131808.1214	5 kg	4
131808.0416	25 kg	

Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP)

PRS-CODEX

C₆H₈O₇

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....99,5-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Colour of solution p/t.
Insoluble matter in H₂O.....0,01 %
Residue on ignition (as SO₄).....0,05 %
Residual solvents (Ph.Eur./USP)..... p/t.
Darkened substances by H₂SO₄..... p/t.
Chloride (Cl).....0,005 %
Oxalate (C₂O₄).....0,035 %
Sulphate (SO₄).....0,01 %
Water (H₂O).....0,5 %
Heavy metals (as Pb).....0,001 %
As.....0,0001 %
Ba..... p/t.
Ca.....0,02 %
Cu.....0,001 %
Fe.....0,001 %
Mg.....0,005 %
Ni.....0,001 %
Pb.....0,001 %

Order code	Package	Units/Box st.
141808.1210	500 g	6
141808.1211	1000 g	6
141808.1214	5 kg	4
141808.0416	25 kg	

Citric Acid anhydrous (E-330, F.C.C.) ADITIO

C₆H₈O₇

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C₆H₈O₇) calc. a.a.s.....99,5-100,5%
Appearance p/t

Identity:

Citrate..... p/t.
Oxalate (as H₂C₂O₄), not more than 100 ppm
Easily carbonizable substances p/t.
Residue on ignition, not more than0,05 %
Tridodecylamine, not more than0,1 ppm
ABS (Easily carbon. subst.) λ470 nm, not more than.....0,52
ABS (Polynuc.Hydroc.) λ280-289 nm, not more than0,25
ABS (Polynuc.Hydroc.) λ290-299 nm, not more than0,20
ABS (Polynuc.Hydroc.) λ300-359 nm, not more than0,13
ABS (Polynuc.Hydroc.)λ360-400 nm, not more than0,03
Water, not more than0,5 %
Lead, not more than0,5 ppm
Heavy metals (as Pb), not more than5 ppm
Arsenic (as As), not more than1 ppm
Mercury (Hg), not more than1 ppm

Specifications Dir. 2008/84/EC , F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201808.1214	5 kg	4
201808.0416	25 kg	

Citric Acid anhydrous, 99% PS

C₆H₈O₇

M: 192,13 CAS: 77-92-9 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay99 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
151808.1208	100 g	6
151808.1211	1000 g	6

Citric Acid 1-hydrate PA-ACS-ISO

C₆H₈O₇·H₂O

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.).....99,5-102,0%
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
Residue on ignition (as SO₄).....0,02 %
Darkened substances by H₂SO₄..... p/t.
Chloride (Cl).....0,0005 %
Phosphate (PO₄).....0,001 %
Oxalate (C₂O₄).....0,05 %
Sulphur compounds (as SO₄).....0,002 %
Heavy metals (as Pb).....0,0005 %
As.....0,00001 %

Metals by ICP [mg/Kg (ppm)]

Al.....2	Ge.....2	Si.....10
Au.....2	In.....2	Sn.....5
B.....2	K.....50	Sr.....2
Ba.....2	Mg.....5	Ti.....2
Be.....2	Mn.....2	Tl.....2
Ca.....20	Mo.....2	V.....2
Cd.....2	Na.....50	Zn.....2
Co.....2	Ni.....2	Zr.....2
Cr.....2	Pb.....2	
Cu.....0,5	Pt.....2	
Fe.....3	Sb.....2	

Order code	Package	Units/Box st.
131018.1210	500 g	6
131018.1211	1000 g	6
131018.1214	5 kg	4
131018.0416	25 kg	

Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

C₆H₈O₇·H₂O

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. applied anh. subs.99,5-100,5%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Colour of solution p/t.
 Insoluble matter in H₂O 0,01 %
 Residue on ignition (as SO₄) 0,05 %
 Residual solvents (Ph.Eur./USP) p/t.
 Darkened substances by H₂SO₄ p/t.
 Chloride (Cl) 0,005 %
 Oxalate (C₂O₄) 0,035 %
 Sulphate (SO₄) 0,01 %
 Water (H₂O) 7,5-8,8 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Ba p/t.
 Ca 0,02 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141018.1210	500 g	6
141018.1211	1000 g	6
141018.1214	5 kg	4
141018.0416	25 kg	

Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO

C₆H₈O₇·H₂O

M: 210,14 CAS: 5949-29-1 EINECS: 201-069-1 NC: 2918 14 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C₆H₈O₇) calc. on the anh. basis99,5-100,5%
 Oxalate (as Oxalic Ac.) a.d.s 0,01 %
 Easily carbonizable substances p/t.
 Residue on ignition, not more than 0,05 %
 Tridodecylamine, not more than 0,1 ppm
 ABS (Easily carbon. subst.) λ470 nm, not more than 0,52
 ABS (Polynuc.Hydroc.) λ280-289 nm, not more than 0,25
 ABS (Polynuc.Hydroc.) λ290-299 nm, not more than 0,20
 ABS (Polynuc.Hydroc.) λ300-359 nm, not more than 0,13
 ABS (Polynuc.Hydroc.) λ360-400 nm, not more than 0,03
 Water, not more than 8,8 %
 Lead, not more than 0,5 ppm
 Heavy metals (as Pb), not more than 5 ppm
 Arsenic (as As), not more than 1 ppm
 Mercury (as Hg), not more than 1 ppm
 Specifications Dir. 2008/84/EC , F.C.C. 6

Order code	Package	Units/Box st.
201018.1214	5 kg	4
201018.0416	25 kg	

Citric Acid Tripotassium Salt

(see tri-Potassium Citrate 1-hydrate)

Citrosol (Substitute of Xylene) DC

solvent for histology

C₁₀H₁₆

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H317-H410

1l-0,842kg 1kg-1,188l

SPECIFICATIONS:

Identity IR p/t.
 Density at 20/4 0,841-0,843
 Specific rotation [α]_D²⁰ (without dil.) +113 to +120°

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
253139.1611	1000 ml	6
253139.1612	2,5 l	4
253139.1214	5 l	4

Clayton Yellow

(see Titan Yellow)

CMC

(see Carboxymethylcellulose)

COBALT SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS

Co(CH₃COO)₂·4H₂O

M: 249,08 CAS: 6147-53-1 EINECS: 200-755-8 NC: 2915 29 00

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Non-precipitated substances by H₂S (in SO₄) 0,3 %
 Chloride (Cl) 0,002 %
 Nitrate (NO₃) 0,01 %
 Sulphate (SO₄) 0,005 %
 Ca 0,005 %
 Cu 0,002 %
 Fe 0,001 %
 K 0,01 %
 Mg 0,005 %
 Mn 0,01 %
 Na 0,05 %
 Ni 0,1 %
 Pb 0,001 %
 Zn 0,01 %

Order code	Package	Units/Box st.
131255.1209	250 g	6
131255.0914	5 kg	

Cobalt(II) Acetate 4-hydrate PRS

Co(CH₃COO)₂·4H₂O

M: 249,08 CAS: 6147-53-1 EINECS: 200-755-8 NC: 2915 29 00

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.) 98 %
 Insoluble matter in H₂O 0,05 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,1 %
 Cu 0,05 %
 Fe 0,005 %
 Pb 0,01 %

Order code	Package	Units/Box st.
141255.1209	250 g	6
141255.0914	5 kg	

Cobalt(II) Carbonate Basic

(see Cobalt(II) Hydroxide Carbonate ~50% Co)

Cobalt(II) Chloride anhydrous, 99% PS

CoCl₂

M: 129,84 CAS: 7646-79-9 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99 %
 Loss on drying at 150°C 1 %

Order code	Package	Units/Box st.
163648.1608	100 g	6
163648.1610	500 g	6

Cobalt(II) Chloride anhydrous QP

CoCl₂

M: 129,84 CAS: 7646-79-9 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.) 97,0 %
 Fe 0,05 %
 Ni 0,2 %
 Pb 0,01 %

Order code	Package	Units/Box st.
213648.1608	100 g	6

Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

CoCl₂·6H₂O

M: 237,93 CAS: 7791-13-1 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Non-precipitated substances by (NH ₄) ₂ S.....	0,25 %
Nitrate (NO ₃).....	0,01 %
Sulphate (SO ₄).....	0,005 %
Ammonium (NH ₄).....	0,005 %
Ca.....	0,005 %
Cu.....	0,001 %
Fe.....	0,005 %
K.....	0,01 %
Mg.....	0,005 %
Mn.....	0,01 %
Na.....	0,05 %
Ni.....	0,05 %
Pb.....	0,003 %
Zn.....	0,002 %

Order code	Package	Units/Box st.
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131257.1209	250 g	6
131257.1211	1000 g	6
131257.1214	5 kg	4

Cobalt(II) Chloride 6-hydrate PRS

CoCl₂·6H₂O

M: 237,93 CAS: 7791-13-1 EINECS: 231-589-4 NC: 2827 39 30 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.).....	98 %
Insoluble matter in H ₂ O.....	0,01 %
Nitrogen compounds (as N).....	0,01 %
Sulphate (SO ₄).....	0,05 %
Cu.....	0,005 %
Fe.....	0,05 %
Pb.....	0,005 %
Zn.....	0,1 %

Order code	Package	Units/Box st.
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141257.1209	250 g	6
141257.1211	1000 g	6
141257.1214	5 kg	4
141257.0416	25 kg	

Cobalt(II) Hydroxide Carbonate ~50% Co PRS

2CoCO₃·3Co(OH)₂·xH₂O

M: 516,65(anh) CAS: 12602-23-2 EINECS: 235-714-3 NC: 2836 99 17

Signal Word: Warning



H317

SPECIFICATIONS:

Assay (as Co)(Compl.).....	50 %
Insoluble matter in HCl.....	0,05 %
Sulphate (SO ₄).....	0,1 %
Cu.....	0,005 %
Fe.....	0,02 %
Ni.....	0,02 %
Pb.....	0,005 %
Zn.....	0,05 %

Order code	Package	Units/Box st.
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141256.1209	250 g	6
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Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS

Co(NO₃)₂·6H₂O

M: 291,03 CAS: 10026-22-9 EINECS: 233-402-1 NC: 2834 29 20 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.)98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Chloride (Cl).....	0,002 %
Ammonium (NH ₄).....	0,05 %
Sulphate (SO ₄).....	0,005 %
Ca.....	0,005 %
Cu.....	0,002 %
Fe.....	0,001 %
K.....	0,01 %
Mg.....	0,005 %
Mn.....	0,01 %
Na.....	0,05 %
Ni.....	0,15 %
Pb.....	0,002 %
Zn.....	0,01 %

Order code	Package	Units/Box st.
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131258.1209	250 g	6
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Cobalt(II) Nitrate 6-hydrate PRS

Co(NO₃)₂·6H₂O

M: 291,03 CAS: 10026-22-9 EINECS: 233-402-1 NC: 2834 29 20 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350i-H360F-H334-H317-H341-H410

SPECIFICATIONS:

Assay (Compl.).....	98-102 %
Insoluble matter in H ₂ O.....	0,01 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,02 %
Cu.....	0,005 %
Fe.....	0,005 %
Pb.....	0,005 %
Zn.....	0,1 %

Order code	Package	Units/Box st.
------------	---------	---------------

141258.1209	250 g	6
141258.1211	1000 g	6
141258.0914	5 kg	
141258.0416	25 kg	

Cobalt(II,III) Oxide PRS

Co₂O₃

M: 240,80 CAS: 1308-06-1 EINECS: 215-157-2 NC: 2822 00 00

Signal Word: Warning



H317

SPECIFICATIONS:

Assay (as Co)(Compl.).....	70 %
Cu.....	0,01 %
Fe.....	0,1 %
Pb.....	0,01 %
Zn.....	0,02 %

Order code	Package	Units/Box st.
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142557.1209	250 g	6
142557.1214	5 kg	4

Cobalt(III) Sodium Nitrite

(see Sodium Hexanitrocobaltate(III))

Cobalt(II) Sulphate 7-hydrate PA

CoSO₄·7H₂O
 M: 281,10 CAS: 10026-24-1 EINECS: 233-334-2 NC: 2833 29 30 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Danger

H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %
 pH of 5% solution >3,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl).....	0,001 %
Ca.....	0,005 %
Cu.....	0,001 %
Fe.....	0,002 %
K.....	0,002 %
Mg.....	0,005 %
Mn.....	0,0025 %
Na.....	0,01 %
Ni.....	0,025 %
Pb.....	0,001 %
Zn.....	0,005 %

Order code	Package	Units/Box st.
121259.1209	250 g	6
121259.1214	5 kg	4

Cobalt(II) Sulphate 7-hydrate PRS

CoSO₄·7H₂O
 M: 281,10 CAS: 10026-24-1 EINECS: 233-334-2 NC: 2833 29 30 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Danger

H350i-H360F-H302-H334-H317-H341-H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 pH of 5% solution >3,0
 Nitrogen compounds (as N) 0,01 %
 Chloride (Cl)..... 0,005 %
 Cu..... 0,005 %
 Fe..... 0,005 %
 Pb..... 0,005 %
 Zn..... 0,01 %

Order code	Package	Units/Box st.
141259.1209	250 g	6
141259.1211	1000 g	6
141259.1214	5 kg	4
141259.0416	25 kg	

Cobaltous

(see Cobalt(II) compounds)

Cochineal (C.I. 75470) PA

C₂₂H₂₀O₁₃
 M: 492,40 CAS: 1260-17-9 EINECS: 215-023-3 NC: 3203 00 90
SPECIFICATIONS:
 Minimum assay (Spectrophotometric) (as carminic acid) 10,0 %
MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C..... 15 %

Order code	Package	Units/Box st.
121272.1605	10 g	6

COD STANDARDS

(see Standards for COD)

Collodion flexible QP

NC: 3912 20 11 UN: 2059
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger

H224-EUH019-H302-EUH066-H336
 1l-0,783kg 1kg-1,277l

SPECIFICATIONS:
 Density at 25/4 0,775-0,790

Order code	Package	Units/Box st.
211279.1609	250 ml	6
211279.1611	1000 ml	6
211279.0314	5 l	4
211279.0616	25 l	

Collodion solution 4-8% QP

NC: 3912 20 11 UN: 2059
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger

H224-EUH019-H302-EUH066-H336
 1l-0,770kg 1kg-1,299l

SPECIFICATIONS:
 Density at 25/4 0,765-0,775

Order code	Package	Units/Box st.
211278.1611	1000 ml	6
211278.0314	5 l	4
211278.0616	25 l	

Collodion solution 4% w/v (USP) PRS-CODEX

NC: 3912 20 11 UN: 2059
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger

H224-EUH019-H302-EUH066-H336
 1l-0,770kg 1kg-1,299l

SPECIFICATIONS:
 Minimum assay (w/w)..... 5,0 %
 Identity according to Pharmacopoeias p/t
 Density at 25/25 0,765-0,775

MAXIMUM LIMIT OF IMPURITIES
 Ethanol (G.C.) (v/v)..... 22,0-26,0 %
 Acidity..... p/t

Order code	Package	Units/Box st.
141278.1609	250 ml	6
141278.1611	1000 ml	6
141278.0314	5 l	4
141278.0616	25 l	

Colophony (BP, Ph. Eur.) PRS-CODEX

CAS: 8050-09-7 EINECS: 232-475-7 NC: 3806 10 10
 Signal Word: Warning

H317

SPECIFICATIONS:
 Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES
 Residue on ignition..... 0,2 %
 Acidity value 150-180
 Foreign substances 2 %
 Residual solvents (Ph.Eur./USP)..... p/t

Order code	Package	Units/Box st.
142083.1211	1000 g	6
142083.0914	5 kg	

Colour: colour determination according to Ph. Eur.

(see: Hydrochloric Acid 10 g/l. Yellow Primary Solution. Blue Primary Solution. Red Primary Solution)

COLOUR DETERMINATION STANDARD

(see Standard for Colour Determination)

Complexon-Magnesium 0,1 mol/l RV

for complexometry

NC: 3822 00 00
 1l-1,032kg 1kg-0,969l

Composition:
 Magnesium Sulphate 7-hydrate 2,47 g
 Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate 3,73 g
 Sodium Hydroxide pellets 0,76 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
281280.1209	250 ml	6
281280.1211	1000 ml	6

Concentrated solution for the sand equivalent determination RE

according to NF EN 933-8:1999 and UNE-EN 933-8:2000
 NC: 3822 00 00

1l-1,192kg 1kg-0,839l

Composition:
 Calcium Chloride anhydrous 110-112 g
 Glycerol 475-485 g
 Formaldehyde 35-40% w/v 12-13 g
 Water s.q.m 1000 ml

Order code	Package	Units/Box st.
173655.1243	125 ml	6

Conductivity

(see Standards for Conductivity)

Congo Red (C.I. 22120) PA

pH indicator 3,0 blue violet; 5,2 red orange

$C_{22}H_{12}Na_2O_6S_2$

M: 696,66 CAS: 573-58-0 EINECS: 209-358-4 NC: 3204 14 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H361d

SPECIFICATIONS:

Identity.....	IR p/t
λ_1 of max. ABS at pH 3,0.....	563-568 nm
λ_2 of max. ABS at pH 5,2.....	484-490 nm
A 1%, 1 cm, λ_1 max. (calc. a.d.s.).....	>150
A 1%, 1 cm, λ_2 max. (calc. a.d.s.).....	>200
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

blue violet.....	3,0
red orange.....	5,2
Loss on drying at 110°C.....	5 %

Order code	Package	Units/Box st.
121611.1605	10 g	6
121611.1606	25 g	6
121611.1607	50 g	6

Congo Red (C.I. 22120) DC

for microscopy, bacteriology

$C_{22}H_{12}Na_2O_6S_2$

M: 696,66 CAS: 573-58-0 EINECS: 209-358-4 NC: 3204 14 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H361d

SPECIFICATIONS:

Identity.....	IR p/t.
λ of max. ABS in H ₂ O.....	497-500 nm
A 1%, 1 cm; λ max. (calc. a.d.s.).....	>520
Ratio λ max., P \pm 15 nm.....	0,99-1,04
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
251611.1605	10 g	6
251611.1606	25 g	6

Coomassie Brilliant Blue G 250 (C.I. 42655) DC

$C_{47}H_{48}N_2NaO_7S_2$

M: 854,04 CAS: 6104-58-1 EINECS: 228-058-4 NC: 3204 12 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ of the max. ABS at pH 7.....	578-585 nm
A 1%; 1 cm; λ max. (calc. a.d.s.).....	>420
Ratio λ max., P \pm 15 nm.....	0,95-1,0
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
254933.1606	25 g	6
254933.1608	100 g	6

Coomassie Brilliant Blue R 250 (C.I. 42660) DC

$C_{45}H_{44}N_2NaO_7S_2$

M: 825,99 CAS: 6104-59-2 EINECS: 228-060-5 NC: 3204 12 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ of max. ABS at pH 7.....	554-570 nm
A 1%, 1 cm, λ max.....	>350
Ratio λ max., P \pm 15 nm.....	0,95-1,00
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
254932.1606	25 g	6

Copper metal, powder PRS

Cu

M: 63,54 CAS: 7440-50-8 EINECS: 231-159-6 NC: 7406 10 00

SPECIFICATIONS:

Insoluble matter in HNO ₃	0,05 %
As.....	0,001 %
Fe.....	0,01 %
Mn.....	0,001 %
Ni.....	0,005 %
Sb.....	0,05 %
Sn.....	0,05 %

Order code	Package	Units/Box st.
141266.1610	500 g	6
141266.1611	1000 g	6
141266.1214	5 kg	4

Copper, 99% metal, turnings PS

Cu

M: 63,54 CAS: 7440-50-8 EINECS: 231-159-6 NC: 7406 20 00

SPECIFICATIONS:

Minimum assay..... 99 %

Order code	Package	Units/Box st.
15A754.1209	250 g	6

COPPER SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS

$Cu(CH_3COO)_2 \cdot H_2O$

M: 199,65 CAS: 6046-93-1 EINECS: 205-553-3 NC: 2915 29 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.).....	99,0-102,0%
pH of 5% solution.....	5,0-5,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Chloride (Cl).....	0,003 %
Sulphate (SO ₄).....	0,005 %
Ca.....	0,005 %
Fe.....	0,002 %
K.....	0,01 %
Mg.....	0,002 %
Na.....	0,01 %
Ni.....	0,01 %
Pb.....	0,005 %

Order code	Package	Units/Box st.
131261.1210	500 g	6
131261.1211	1000 g	6
131261.1214	5 kg	4
131261.0416	25 kg	

Copper(II) Acetate 1-hydrate PRS

$Cu(CH_3COO)_2 \cdot H_2O$

M: 199,65 CAS: 6046-93-1 EINECS: 205-553-3 NC: 2915 29 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.).....	98 %
pH of 5% solution.....	5,0-6,0
Insoluble matter in H ₂ O.....	0,02 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,01 %
Fe.....	0,005 %
Ni.....	0,02 %
Pb.....	0,01 %

Order code	Package	Units/Box st.
141261.1210	500 g	6
141261.1211	1000 g	6
141261.0416	25 kg	

Copper(II) and Ammonium Chloride

(see Ammonium Copper(II) Chloride 2-hydrate)

Copper(I) Bromide PRS

CuBr
M: 143,45 CAS: 7787-70-4 EINECS: 232-131-6 NC: 2827 59 00
Signal Word: Warning



SPECIFICATIONS:
Assay (Redox.) 98 %
Insoluble matter in HCl 0,02 %
Non-precipitated substances by H₂S (as SO₄) 0,3 %
Sulphate (SO₄) 0,2 %
As 0,0001 %
Ca 0,01 %
Fe 0,005 %
K 0,01 %
Na 0,05 %

Order code	Package	Units/Box st.
144329.1208	100 g	6
144329.1210	500 g	6

Copper(II) Bromide PRS

CuBr₂
M: 223,36 CAS: 7789-45-9 EINECS: 232-167-2 NC: 2827 59 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



SPECIFICATIONS:
Assay (Iodom.) 98 %
Insoluble matter in H₂O 0,05 %
Chloride (Cl) 0,5 %
Sulphate (SO₄) 0,2 %

Order code	Package	Units/Box st.
142005.1210	500 g	6
142005.1214	5 kg	4

Copper(II) Bromide, 99% PS

CuBr₂
M: 223,36 CAS: 7789-45-9 EINECS: 232-167-2 NC: 2827 59 00 UN: 1759
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



SPECIFICATIONS:
Assay 99 %

Order code	Package	Units/Box st.
152005.1208	100 g	6
152005.1210	500 g	6

Copper(II) Carbonate Basic

(see Copper(II) Hydroxide Carbonate)

Copper(I) Chloride PA-ACS

CuCl
M: 99,00 CAS: 7758-89-6 EINECS: 231-842-9 NC: 2827 39 85 UN: 2802
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



SPECIFICATIONS:
Minimum assay (Redox.) 95 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in acid 0,02 %
Sulphate (SO₄) 0,1 %
As 0,001 %
Ca 0,01 %
Fe 0,005 %
K 0,005 %
Na 0,05 %

Order code	Package	Units/Box st.
131265.1210	500 g	6
131265.1211	1000 g	6
131265.0914	5 kg	4
131265.0416	25 kg	

Copper(I) Chloride, 95% PS

CuCl
M: 99,00 CAS: 7758-89-6 EINECS: 231-842-9 NC: 2827 39 85 UN: 2802
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Warning



SPECIFICATIONS:
Minimum assay (Redox.) 95 %

Order code	Package	Units/Box st.
161265.1211	1000 g	6

Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

CuCl₂·2H₂O
M: 170,48 CAS: 10125-13-0 EINECS: 231-210-2 NC: 2827 39 85 UN: 2802
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



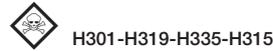
SPECIFICATIONS:
Minimum assay (Iodom.) 99,0 %
pH of 5% solution ≥3,0

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,005 %
Non precipitated substances by H₂S 0,1 %
Nitrate (NO₃) 0,015 %
Sulphate (SO₄) 0,005 %
As 0,0005 %
Ba 0,005 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,005 %
Fe 0,005 %
K 0,01 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,01 %
Ni 0,005 %
Zn 0,001 %

Order code	Package	Units/Box st.
131264.1210	500 g	6
131264.1211	1000 g	6
131264.1214	5 kg	4
131264.0416	25 kg	

Copper(II) Chloride 2-hydrate (USP) PRS-CODEX

CuCl₂·2H₂O
M: 170,48 CAS: 10125-13-0 EINECS: 231-210-2 NC: 2827 39 85 UN: 2802
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



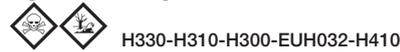
SPECIFICATIONS:
Assay (Iodom.) calc. a.a.s. 99,0-100,5 %
Identity according to Pharmacopoeias p/t.
pH of 5% solution ≥3,0

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in HCl 0,01 %
Loss on drying at 105°C 20,9-21,4 %
Residual solvents (Ph.Eur./USP) p/t.
Sulphate (SO₄) 0,005 %
As 0,0005 %
Ca 0,005 %
Fe 0,005 %
K 0,01 %
Na 0,02 %
Ni 0,01 %
Pb 0,03 %

Order code	Package	Units/Box st.
141264.1210	500 g	6
141264.1211	1000 g	6
141264.1214	5 kg	4
141264.0416	25 kg	

Copper(I) Cyanide PRS

CuCN
M: 89,56 CAS: 544-92-3 EINECS: 208-883-6 NC: 2837 19 00 UN: 1587
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



SPECIFICATIONS:
Assay (Compl.) 98 %
Insoluble matter in NaCN p/t.
Chloride (Cl) 0,2 %
Sulphate (SO₄) 0,1 %
Water (H₂O) 0,5 %
Fe 0,005 %

Order code	Package	Units/Box st.
141263.1209	250 g	6
141263.1211	1000 g	6
141263.1214	5 kg	4
141263.0716	25 kg	

Copper(I) Cyanide, 98% PS

CuCN

M: 89,56 CAS: 544-92-3 EINECS: 208-883-6 NC: 2837 19 00 UN: 1587
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay 98 %

Order code	Package	Units/Box st.
151263.1208	100 g	6
151263.1210	500 g	6

Copper(II) Ethylenediamine Reagent RE

for determination of cellulose paste viscosity

NC: 3822 00 00 UN: 1761

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H317-H314-H412

1l~1,096kg 1kg~0,912l

SPECIFICATIONS:

Cu 1,00 ± 0,02 mol/l
Ratio C₂H₈N₂/Cu 2,00 ± 0,04

Order code	Package	Units/Box st.
172308.1611	1000 ml	6

Copper(II) Ethylenediamine in solution

(see Copper(II) Ethylenediamine Reagent)

Copper(II) Hydroxide Carbonate PA

CuCO₃.Cu(OH)₂

M: 221,10 CAS: 12069-69-1 EINECS: 235-113-6 NC: 2836 99 11 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (as Cu)(Iodom.) 55,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂SO₄ 0,01 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,03 %
Fe 0,05 %
K 0,05 %
Na 0,05 %
Pb 0,01 %

Order code	Package	Units/Box st.
121262.1211	1000 g	6
121262.0914	5 kg	

Copper(II) Hydroxide Carbonate PRS

CuCO₃.Cu(OH)₂

M: 221,10 CAS: 12069-69-1 EINECS: 235-113-6 NC: 2836 99 11 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as Cu)(Iodom.) 55 %
Insoluble matter in H₂SO₄ 0,05 %
Chloride (Cl) 0,1 %
Sulphate (SO₄) 0,05 %

Order code	Package	Units/Box st.
141262.1210	500 g	6
141262.1211	1000 g	6
141262.0914	5 kg	
141262.0416	25 kg	

Copper(I) Iodide PRS

CuI

M: 190,45 CAS: 7681-65-4 EINECS: 231-674-6 NC: 2827 60 00

SPECIFICATIONS:

Assay (Iodom.) 99 %
Sulphate (SO₄) 0,01 %
Fe 0,002 %

Order code	Package	Units/Box st.
144202.1608	100 g	6

Copper(I) Iodide, 99% PS

CuI

M: 190,45 CAS: 7681-65-4 EINECS: 231-674-6 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Iodom.) 99 %

Order code	Package	Units/Box st.
164202.1608	100 g	6

Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.)

PA-ACS

Cu(NO₃)₂.3H₂O

M: 241,60 CAS: 10031-43-3 EINECS: 221-838-5 NC: 2834 29 40 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
pH of 5% solution ≥2,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,01 %
As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ca	50	Mn	10
Cd	50	Na	50
Co	10	Ni	100
Cr	30	Pb	10
Fe	50	Sb	10
K	50	Sr	20
Hg	10	Ti	10
Mg	20	V	10
		Zn	300

Order code Package Units/Box st.

131267.1210	500 g	6
131267.1211	1000 g	6
131267.1214	5 kg	4
131267.0416	25 kg	

Copper(II) Nitrate 3-hydrate PRS

Cu(NO₃)₂.3H₂O

M: 241,60 CAS: 10031-43-3 EINECS: 221-838-5 NC: 2834 29 40 UN: 1477

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Iodom.) 98-103 %
pH of 5% solution ≥2,8
Insoluble matter in H₂O 0,025 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,02 %
As 0,0001 %
Ca 0,05 %
Fe 0,01 %
Mg 0,01 %
Ni 0,05 %
Pb 0,005 %

Order code Package Units/Box st.

141267.1210	500 g	6
141267.1211	1000 g	6
141267.1214	5 kg	4
141267.0416	25 kg	

Copper(II) Oxide PA

CuO

M: 79,55 CAS: 1317-38-0 EINECS: 215-269-1 NC: 2825 50 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.) 97 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,05 %
Nitrogen compounds (as N) 0,005 %
Sulphur compounds (as SO₄) 0,05 %
Chloride (Cl) 0,01 %
Fe 0,05 %

Order code Package Units/Box st.

121269.1208	100 g	6
121269.1210	500 g	6

Copper(II) Oxide PRS

CuO

M: 79,55 CAS: 1317-38-0 EINECS: 215-269-1 NC: 2825 50 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Iodom.) 96 %
Insoluble matter in HCl 0,05 %
Sulphur compounds (as SO₄) 0,1 %

Order code Package Units/Box st.

141269.1210	500 g	6
141269.1211	1000 g	6
141269.0914	5 kg	

Copper(I) Oxide red, 95% PS

Cu₂O
M: 143,09 CAS: 1317-39-1 EINECS: 215-270-7 NC: 2825 50 00
Signal Word: Warning

H302-H410

SPECIFICATIONS:
Assay 95 %

Order code	Package	Units/Box st.
151825.1206	25 g	6
151825.1210	500 g	6

Copper(II) Pyrophosphate x-hydrate QP

Cu₂P₂O₇·xH₂O
M: 301,02(anh) CAS: 15191-80-7 EINECS: 239-250-2 NC: 2835 39 00
Signal Word: Warning

H332-H312-H302

SPECIFICATIONS:
Assay (Iodom.) (as Cu) 33-37 %

Order code	Package	Units/Box st.
212646.1211	1000 g	6

Copper(II) Sulphate anhydrous (Reag. USP) PA

CuSO₄
M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H302-H319-H315-H410

SPECIFICATIONS:
CE: 029-004-00-0
Minimum assay (Iodom.) 98 %
pH of 5% solution 3,5-4,5

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,01 %
Loss on drying at 250°C 0,5 %
Not precipit. substances by H₂S (as SO₄) 0,15 %
Nitrogen compounds (as N) 0,005 %
Chloride (Cl) 0,002 %
As 0,0001 %
Ca 0,01 %
Fe 0,01 %
K 0,005 %
Mg 0,005 %
Na 0,01 %
Ni 0,005 %
Pb 0,01 %
Zn 0,05 %

Order code	Package	Units/Box st.
122726.1209	250 g	6
122726.1211	1000 g	6
122726.1214	5 kg	4
122726.0416	25 kg	

Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX

CuSO₄
M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H302-H319-H315-H410

SPECIFICATIONS:
Assay (Iodom.) calc. a.d.s 99,0-101,0%
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t
Insoluble matter in H₂O p/t
Loss on drying at 250°C 1,0 %
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,015 %
As 0,0005 %
Fe 0,015 %
Ni 0,01 %
Pb 0,008 %

Order code	Package	Units/Box st.
142726.1209	250 g	6
142726.1211	1000 g	6
142726.1214	5 kg	4
142726.0416	25 kg	

Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

CuSO₄·5H₂O
M: 249,68 CAS: 7758-99-8 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H302-H319-H315-H410

SPECIFICATIONS:
Assay (Iodom.) 99-101 %
pH of 5% solution ≥3,8

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂SO₄ 0,005 %
Nitrogen compounds (as N) 0,001 %
Chloride (Cl) 0,001 %
As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ca	50	Mn	5
Cd	10	Na	50
Co	10	Ni	50
Cr	5	Pb	50
Fe	30	Si	5
Hg	5	Sr	5
K	10	Ti	5
Mg	20	V	5
		Zn	300

Order code	Package	Units/Box st.
131270.1210	500 g	6
131270.1211	1000 g	6
131270.1214	5 kg	4
131270.0416	25 kg	

Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

CuSO₄·5H₂O
M: 249,68 CAS: 7758-99-8 EINECS: 231-847-6 NC: 2833 25 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Warning

H302-H319-H315-H410

SPECIFICATIONS:
Assay (Iodom.) 99,0-100,5%
Appearance p/t
Identity according to Pharmacopoeias p/t
pH of 5% solution ≥3,8

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t
Insoluble matter in H₂O 0,025 %
Loss on drying at 250°C 35,0-36,5 %
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,01 %
As 0,0005 %
Ca 0,005 %
Fe 0,01 %
K 0,01 %
Na 0,02 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
141270.1210	500 g	6
141270.1211	1000 g	6
141270.1214	5 kg	4
141270.0416	25 kg	

COPPER(II) SULPHATE SOLUTIONS

Copper(II) Sulphate solution d.1,050 DC

for hematology, blood density
CuSO₄
M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning

H411

1l-1,050kg 1kg-0,952l
SPECIFICATIONS:
Density at 20/4 1,050±0,001

Order code	Package	Units/Box st.
252195.2711	1000 ml	6

Copper(II) Sulphate solution d.1,053 DC

for hematology, blood density
CuSO₄

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,053kg 1kg~0,949l

SPECIFICATIONS:

Density at 20/41,053±0,001

Order code	Package	Units/Box st.
253296.2711	1000 ml	6

Copper(II) Sulphate solution d.1,055 DC

for hematology, blood density
CuSO₄

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,055kg 1kg~0,948l

SPECIFICATIONS:

Density at 20/41,055±0,001

Order code	Package	Units/Box st.
253295.2711	1000 ml	6

Copper(II) Sulphate 0,1 mol/l (0,1M) SV

Indicator: Murexide
CuSO₄

M: 159,60 CAS: 7758-98-7 EINECS: 231-847-6 NC: 2833 25 00

Signal Word:

R: 52 CE: 029-004-00-0

1l-1,016kg 1kg~0,984l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181271.1211	1000 ml	6

Coumarin, 97% PS

C₉H₆O₂

M: 146,15 CAS: 91-64-5 EINECS: 202-086-7 NC: 2932 21 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay97 %

IdentityIR p/t

Order code	Package	Units/Box st.
15C198.1208	100 g	6
15C198.1210	500 g	6

Creatinine DC

for standards
C₄H₇N₃O

M: 113,12 CAS: 60-27-5 EINECS: 200-466-7 NC: 2933 29 90

SPECIFICATIONS:

Minimum assay (Determ. of N)99,0 %

IdentityIR p/t

pH of 5% solution7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C0,2 %

Residue on ignition (as SO₄)0,05 %

Heavy metals (as Pb)0,001 %

Order code	Package	Units/Box st.
251283.1605	10 g	6

o-Cresol, 99% PS

C₇H₈O

M: 108,14 CAS: 95-48-7 EINECS: 202-423-8 NC: 2907 12 00 UN: 3455

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C.)99 %

IdentityIR p/t

Melting range29-31°C

Order code	Package	Units/Box st.
15A843.1611	1000 g	6

p-Cresol, 98,5% PS

C₇H₈O

M: 108,14 CAS: 106-44-5 EINECS: 203-398-6 NC: 2907 12 00 UN: 3455

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C.)98,5 %

IdentityIR p/t

Melting range31-34°C

Order code	Package	Units/Box st.
15A848.1608	100 g	6
15A848.1610	500 g	6

o-Cresolphthalein PA

pH indicator 8,2 colorless; 9,8 red

C₂₂H₁₈O₄

M: 346,39 CAS: 596-27-0 EINECS: 209-881-8 NC: 2932 99 85

SPECIFICATIONS:

IdentityIR p/t

λ of max. ABS at pH 11,3565-569 nm

A 1%, 1 cm, λ_{max}>1500

T.L.Cp/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

colorless8,2

red9,8

Insoluble matter in C₂H₅OHp/t

Loss on drying at 135°C5 %

Residue on ignition (as SO₄)0,5 %

Cu0,005 %

Fe0,005 %

Ni0,005 %

Pb0,005 %

Order code	Package	Units/Box st.
122644.1605	10 g	6

o-Cresolphthalein-3',3''-Bis (Methyliminodiacetic) Acid

(see Phthalein Purple)

o-Cresolphthalein Complexone

(see Phthalein Purple)

m-Cresol Purple PA

pH indicator 1,2 red- 2,8 yellow; 7,4 yellow- 9,0 purple

C₂₁H₁₈O₅S

M: 382,44 CAS: 2303-01-7 EINECS: 218-960-6 NC: 2932 29 85

SPECIFICATIONS:

IdentityIR p/t

λ of max. ABS in NaOH 0,1 mol/l574-578 nm

A 1%, 1 cm, λ_{max}≥875

T.L.Cp/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

red1,2

yellow2,8

yellow7,4

purple9,0

Loss on drying at 135°C1 %

Order code	Package	Units/Box st.
121548.1603	1 g	6

Cresol Red PA

pH indicator 7,2 yellow; 8,8 purple

C₂₁H₁₈O₅S

M: 382,44 CAS: 1733-12-6 EINECS: 217-064-2 NC: 2932 29 85

SPECIFICATIONS:

IdentityIR p/t

λ of max. ABS in NaOH 0,1 mol/l569-572 nm

A 1%, 1 cm, λ_{max} (a.d.s.)>1350

T.L.Cp/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

yellow7,2

purple8,8

Insoluble in C₂H₅OHp/t

Loss on drying at 135°C5 %

Residue on ignition (as SO₄)0,5 %

Order code	Package	Units/Box st.
121613.1604	5 g	6
121613.1606	25 g	6

Cresol Red solution 0,04% RV

pH indicator 7,2 yellow; 8,8 purple
 $C_{21}H_{18}O_5S$
 M: 382,44 CAS: 1733-12-6 NC: 3822 00 00
 1l-0,980kg 1kg-1,020l

SPECIFICATIONS:
 Composition:
 Cresol Red.....40 mg
 Sodium Hydroxide 0,1 mol/l.....1 ml
 Ethanol absolute.....20 ml
 Water.....85 ml

Order code	Package	Units/Box st.
281614.1208	100 ml	6

Crown Ether/15-Crown-5, 98% PS

$C_{10}H_{20}O_5$
 M: 220,26 CAS: 33100-27-5 EINECS: 251-379-6 NC: 2932 99 85
 Signal Word: Warning

H302-H319-H335-H315
 1l-1,109kg 1kg-0,901l

SPECIFICATIONS:
 Minimum assay98 %

Order code	Package	Units/Box st.
15A033.1604	5 ml	6
15A033.1606	25 ml	6

Crown Ether/18-Crown-6, 98% PS

$C_{12}H_{22}O_6$
 M: 264,32 CAS: 17455-13-9 EINECS: 241-473-5 NC: 2932 99 85
 Signal Word: Warning

H302-H319-H335-H315

SPECIFICATIONS:
 Minimum assay98 %

Order code	Package	Units/Box st.
15A034.1604	5 g	6
15A034.1606	25 g	6

Crystal Violet (C.I. 42555) PA-ACS

indicator in non aqueous medium
 $C_{25}H_{30}ClN_3$
 M: 407,99 CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00
 Signal Word: Danger

H302-H351-H318-H410

SPECIFICATIONS:
 Minimum assay (Spectrophotometric) (a.d.s.).....90,0 %
 Identity.....IR p/t.
 Ratio λ_{max} . P \pm 15 nm.....0,98-1,25
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C.....7,5 %
 Sensitivity as indicator in non-aqueous mediums..... p/t.

Order code	Package	Units/Box st.
131762.1606	25 g	6
131762.1608	100 g	6

Crystal Violet (C.I. 42555) DC

for microscopy, bacteria staining
 $C_{25}H_{30}ClN_3$
 M: 407,99 CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00
 Signal Word: Danger

H302-H351-H318-H410

SPECIFICATIONS:
 Minimum assay (spectrophotometric) (a.d.s.)90,0 %
 Identity.....IR p/t.
 Ratio λ_{max} . P \pm 15 nm.....0,98-1,25
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
251762.1606	25 g	6
251762.1608	100 g	6

CRYSTAL VIOLET SOLUTIONS

Crystal Violet solution 2% DC

for microscopy, bacteria staining according to Gram
 $C_{25}H_{30}ClN_3$
 M: 407,99 NC: 3822 00 00 UN: 1992
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H331-H311-H301-H370

1l-0,800kg 1kg-1,250l
 Composition:
 Crystal Violet2 g
 Methanol s.q.m.....100 ml

Order code	Package	Units/Box st.
251763.1608	100 ml	6

Crystal Violet solution 0,5% in acetic acid RV

indicator in non aqueous medium
 $C_{25}H_{30}ClN_3$
 M: 407,99 NC: 3822 00 00 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314

1l-1,052kg 1kg-0,951l
 Composition:
 Crystal violet.....0,5 g
 Acetic acid glacial.....100 ml

Order code	Package	Units/Box st.
281764.1208	100 ml	6

Crystal Violet Oxalate solution according to Gram-Hucker DC

for microscopy, bacteria staining according to Hucker (see also Kit for Staining Gram-Hucker)
 NC: 3822 00 00

1l-0,980kg 1kg-1,020l
 Composition:
 Crystal Violet20 g
 Ammonium Oxalate.....8 g
 Ethanol200 ml
 Water800 ml

Order code	Package	Units/Box st.
252532.1608	100 ml	6
252532.1609	250 ml	6
252532.1611	1000 ml	6

CTAB

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

CULTIMED

(see chapter CULTIMED products)

Cupferron (ACS IX) PA-ACS

$C_8H_8N_2O_2$
 M: 155,16 CAS: 135-20-6 EINECS: 205-183-2 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H302-H351

SPECIFICATIONS:
 Identity.....IR p/t.
 A 1%, 1 cm, in H₂O at λ 281 nm>515
 Melting range.....150-155°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O..... p/t.
 Residue on ignition (as SO₂).....0,05 %
 Suitability to precipitate ions p/t.

Order code	Package	Units/Box st.
131827.1606	25 g	6
131827.1608	100 g	6

Cupral

(see Sodium Diethyldithiocarbamate 3-hydrate)

Cupric

(see Copper(II) compounds)

Cupric Solution 0,168 mol/l VINIKIT

for determination of reducing sugars in wine, according to Rebelein method (see also Rebelein's Kit)
 NC: 3822 00 00 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
 Signal Word: Warning



H411

1l-1,028kg 1kg-0,973l

Composition:

Copper(II) Sulphate 5-hydrate43 g
 Sulphuric Acid 96%7,485 ml
 Water s.q.m. 1 l

Order code	Package	Units/Box st.
624582.1210	500 ml	6

Cupriethylenediamine

(see Copper(II) Ethylenediamine Reagent)

Cuprizon

(see Oxalic Acid Bis (Cyclohexylidene hydrazide))

Cuprone

(see α -Benzoinoxime)

Cuprous

(see Copper(I) compounds)

Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA

for boron detection

$C_{21}H_{20}O_6$

M: 368,39 CAS: 458-37-7 EINECS: 207-280-5 NC: 3203 00 10

SPECIFICATIONS:

Minimum assay (Spectrophotometric) 93 %
 Identity IR p/t
 λ of max. ABS in C_2H_5O 418-422 nm
 A 1%, 1 cm, λ_{max} >1530

Order code	Package	Units/Box st.
124746.1605	10 g	6

Cyanoacetic Acid, 98% PS

$C_3H_3NO_2$

M: 85,06 CAS: 372-09-8 EINECS: 206-743-9 NC: 2926 90 95 UN: 3261

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H332-H302-H314-H319-H412

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A311.1606	25 g	6
15A311.1610	500 g	6

3-Cyanobenzaldehyde, 98% PS

C_8H_7NO

M: 131,13 CAS: 24964-64-5 EINECS: 246-549-1 NC: 2926 90 95 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B997.1603	1 g	6
15B997.1604	5 g	6

Cyanobenzene

(see Benzonitrile)

1-Cyanoguanidine, 98% PS

$HNC(NH_2)NHCN$

M: 84,08 CAS: 461-58-5 EINECS: 207-312-8 NC: 2926 20 00

SPECIFICATIONS:

Minimum assay (Determ. of N) 98 %
 Identity IR p/t
 Melting range 208-211°C
 Water (H₂O) 0,5 %

Order code	Package	Units/Box st.
15A604.1208	100 g	6
15A604.1210	500 g	6

Cyanomethane

(see Acetonitrile)

Cyanosine

(see Phloxine B)

1,4-Cyclohexadienedione

(see 1,4-Benzoquinone)

Cyclohexane (UV-IR-HPLC) PAI-ACS

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
 Density at 20/4 0,776-0,780

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0003 %
 Darkened substances by H_2SO_4 p/t
 Acidity 0,0002 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,01 %
 Suitability for IR spectrometry p/t
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	220	230	240	250	260-400
A (AU)	1,000	0,824	0,347	0,125	0,046	0,009	0,004
T (%)	10	15	45	75	90	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity -0,2
 Eluotropic value $E^o(Al_2O_3)$ 0,4
 Sol. H₂O in solv. at 20°C 0,012
 P' + 0,25 E 0,5
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361250.1611	1000 ml	6
361250.1612	2,5 l	4

Cyclohexane (PAR) PAI

C_6H_{12}

M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t
 Density at 20/4 0,776-0,780

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,01 %
 Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
 Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
 Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code	Package	Units/Box st.
321250.1611	1000 ml	6
321250.1612	2,5 l	4
321250.1646	4 l	4

Cyclohexane dry (max. 0,005% water) DS-ACS-ISO

C₆H₁₂
 M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,776-0,780
Freezing point	>6,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Cyclohexene (G.C.)	0,01 %
Cyclopentane (G.C.)	0,05 %
Methylcyclohexane (G.C.)	0,05 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Aromatic compounds (UV) (as C ₆ H ₆)	0,01 %
Sulphur compounds (as S)	0,002 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,005 %
Thiophene	p/t

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
481250.1611	1000 ml	6

Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO

C₆H₁₂
 M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,776-0,780
Freezing point	>6,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Cyclohexene (G.C.)	0,01 %
Cyclopentane (G.C.)	0,05 %
Methylcyclohexane (G.C.)	0,05 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Aromatic compounds (U.V.) (as C ₆ H ₆)	0,01 %
Sulphur compounds (as S)	0,002 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,02 %
Thiophene	p/t

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	S	0,2
Al	0,5	Ge	0,05	Sb	0,02
As	0,05	Hg	0,05	Si	0,2
Au	0,05	In	0,05	Sn	0,1
B	0,02	K	0,1	Sr	0,2
Ba	0,1	Li	0,05	Ti	0,02
Be	0,02	Mg	0,1	Tl	0,02
Bi	0,05	Mn	0,02	V	0,02
Ca	0,5	Mo	0,02	Zn	0,1
Cd	0,05	Na	0,5	Zr	0,02
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code	Package	Units/Box st.
131250.1611	1000 ml	6
131250.1612	2,5 l	4
131250.0314	5 l	4
131250.0316	25 l	

Cyclohexane PRS

C₆H₁₂
 M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,776-0,780
Non-volatile matter	0,005 %
Cyclohexene (G.C.)	0,05 %
Aromatic compounds (UV) (as C ₆ H ₆)	0,05 %
Sulphur compounds (as S)	0,005 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141250.1611	1000 ml	6
141250.1612	2,5 l	4
141250.0314	5 l	4
141250.0616	25 l	

Cyclohexane, 99,5% PS

C₆H₁₂
 M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,776-0,780
Non-volatile matter	0,005 %
Water (H ₂ O)	0,02 %

Order code	Package	Units/Box st.
161250.1611	1000 ml	6
161250.1612	2,5 l	4
161250.1714	5 l	4
161250.0616	25 l	

Cyclohexane QP

C₆H₁₂
 M: 84,16 CAS: 110-82-7 EINECS: 203-806-2 NC: 2902 11 00 UN: 1145
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,778kg 1kg-1,285l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,776-0,780
Acidity	0,005 meq/g
Water (H ₂ O)	0,1 %

Order code	Package	Units/Box st.
211250.1611	1000 ml	6
211250.1714	5 l	4
211250.0616	25 l	
211250.0619	200 l	

1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS

C₆H₈O₂
 M: 112,13 CAS: 504-02-9 EINECS: 207-980-0 NC: 2914 29 00
 Signal Word: Danger

Minimum assay 98 %

Order code	Package	Units/Box st.
15A201.1608	100 g	6
15A201.1610	500 g	6

Cyclohexane/Ethyl Acetate

(see Mixture Cyclohexane/Ethyl Acetate)

Cyclohexanol PRS

C₆H₁₂O

M: 100,16 CAS: 108-93-0 EINECS: 203-630-6 NC: 2906 12 00

Signal Word: Warning



H332-H302-H335-H315

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Assay (G.C.).....	99 %
Identity.....	IR p/t
Freezing point.....	>22,0°C
Non-volatile matter.....	0,05 %
Cyclohexanone (G.C.).....	0,5 %
Acidity (as CH ₃ COOH).....	0,01 %
Water (H ₂ O).....	0,2 %
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code	Package	Units/Box st.
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141260.1611	1000 ml	6
141260.1612	2,5 l	4
141260.1214	5 l	4
141260.0716	25 l	

Cyclohexanol, 99% PS

C₆H₁₂O

M: 100,16 CAS: 108-93-0 EINECS: 203-630-6 NC: 2906 12 00

Signal Word: Warning



H332-H302-H335-H315

1l~0,95kg 1kg~1,05l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Water (H ₂ O).....	0,1 %

Order code	Package	Units/Box st.
------------	---------	---------------

161260.1211	1000 ml	6
161260.1212	2,5 l	4
161260.1714	5 l	4
161260.0616	25 l	

Cyclohexanone PA-ACS

CH₂(CH₂)₄CO

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t
Density at 20/4.....	0,945-0,948

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,05 %
Water (H ₂ O).....	0,05 %

Metals by ICP [mg/Kg (ppm)]

Hg.....0,02	Ni.....0,02	Sr.....0,2
In.....0,05	P.....0,2	Ti.....0,02
K.....0,1	Pb.....0,1	Tl.....0,02
Li.....0,05	Pt.....0,02	V.....0,02
Mg.....0,2	S.....0,2	Zn.....0,1
Mn.....0,02	Sb.....0,02	Zr.....0,02
Mo.....0,02	Si.....0,2	
Na.....0,5	Sn.....0,1	

Order code	Package	Units/Box st.
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131890.1611	1000 ml	6
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Cyclohexanone, 99,5% PS

CH₂(CH₂)₄CO

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t
Density at 20/4.....	0,945-0,948
Water (H ₂ O).....	0,1 %

Order code	Package	Units/Box st.
------------	---------	---------------

161890.1611	1000 ml	6
161890.1612	2,5 l	4
161890.1714	5 l	4
161890.0616	25 l	

Cyclohexanone QP

CH₂(CH₂)₄CO

M: 98,14 CAS: 108-94-1 EINECS: 203-631-1 NC: 2914 22 00 UN: 1915

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332

1l~0,947kg 1kg~1,056l

SPECIFICATIONS:

Assay (G.C.).....	99 %
Density at 20/4.....	0,945-0,948
Water (H ₂ O).....	0,5 %

Order code	Package	Units/Box st.
------------	---------	---------------

211890.1214	5 l	4
211890.0716	25 l	

Cyclohexene, 99% stabilized with ~100 ppm of BHT PS

CH=CH(CH₂)₃CH₂

M: 82,15 CAS: 110-83-8 EINECS: 203-807-8 NC: 2902 19 80 UN: 2256

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332

1l~0,812kg 1kg~1,232l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,810-0,813

Order code	Package	Units/Box st.
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15A747.1610	500 ml	6
15A747.1611	1000 ml	6

Cyclohexylamine, 99% PS

C₆H₁₃N

M: 99,18 CAS: 108-91-8 EINECS: 203-629-0 NC: 2921 30 10 UN: 2357

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H302-H314-H361F

1l~0,866kg 1kg~1,154l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,865-0,867
Water (H ₂ O).....	0,3 %

Order code	Package	Units/Box st.
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15A748.1611	1000 ml	6
15A748.0716	25 l	

Cyclopentanol, 99% PS

C₅H₁₀O

M: 86,13 CAS: 96-41-3 EINECS: 202-504-8 NC: 2906 19 00 UN: 2244

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,949kg 1kg~1,054l

SPECIFICATIONS:

Assay.....	99 %
Identity.....	IR p/t

Order code	Package	Units/Box st.
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15A087.1610	500 ml	6
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Cyclopentanone, 99% PS

C₅H₈O

M: 84,12 CAS: 120-92-3 EINECS: 204-435-9 NC: 2914 29 00 UN: 2245

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335

1l~0,951kg 1kg~1,051l

SPECIFICATIONS:

Assay.....	99 %
Identity.....	IR p/t

Order code	Package	Units/Box st.
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15A090.1609	250 ml	6
15A090.1611	1000 ml	6

Cyclopentyl Chloride

(see Chlorocyclopentane)

Cyclopropanecarbonyl Chloride, 95% PS

C₃H₅ClO
 M: 104,54 CAS: 4023-34-1 EINECS: 223-684-4 NC: 2918 99 90 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

   H226-H301-H314

1l-1,152kg 1kg-0,868l

SPECIFICATIONS:
 Assay 95 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A048.1606	25 ml 	6
15A048.1608	100 ml 	6

Cyclopropanecarboxylic Acid, 98% PS

C₃H₅O₂
 M: 86,09 CAS: 1759-53-10 EINECS: 217-162-5 NC: 2916 20 00 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

 H314

1l-1,088kg 1kg-0,919l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A046.1607	50 ml 	6
15A046.1609	250 ml 	6

Cyclopropyl Bromide, 98% PS

C₃H₅Br
 M: 120,98 CAS: 4333-56-6 EINECS: 224-375-7 NC: 2903 59 80 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

 H225

1l-1,512kg 1kg-0,661l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A054.1604	5 ml 	6
15A054.1606	25 ml 	6

Cyclopropylcarbonitrile

(see Cyclopropyl Cyanide)

Cyclopropyl Cyanide, 98% PS

C₃H₅N
 M: 67,09 CAS: 5500-21-0 EINECS: 226-836-8 NC: 2926 90 95 UN: 2929
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger

  H226-H331-H311-H301

1l ~0,911kg 1kg~1,097l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A044.1606	25 ml 	6
15A044.1608	100 ml 	6

Cyclopropylmethanol, 98% PS

C₃H₆O
 M: 72,11 CAS: 2516-33-8 EINECS: 219-735-5 NC: 2906 19 00 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

  H302-H226-H314

1l-0,89kg 1kg~1,12l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A042.1606	25 ml 	6
15A042.1609	250 ml 	6

Cyclopropylmethylamine, 96% PS

C₃H₇N
 M: 71,12 CAS: 2516-47-4 EINECS: 219-737-6 NC: 2921 30 99 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-H319-H335-H315

1l-0,820kg 1kg~1,219l

SPECIFICATIONS:
 Minimum assay 96 %

Order code	Package	Units/Box st.
15A040.1603	1 ml 	6
15A040.1604	5 ml 	6

Cyclopropylmethyl Bromide

(see Bromomethylcyclopropane)

Cyclopropylmethylketone, 98% PS

C₅H₈O
 M: 84,12 CAS: 765-43-5 EINECS: 212-146-4 NC: 2914 29 00 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

 H225

1l-0,898kg 1kg~1,113l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A038.1606	25 ml 	6
15A038.1608	100 ml 	6

Cystamine Dihydrochloride

(see Cystaminium Dichloride)

Cystaminium Dichloride, 99% PS

C₄H₁₂Cl₂N₂S₂
 M: 225,20 CAS: 56-17-7 EINECS: 200-260-7 NC: 2930 90 85
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.
 Melting range 214-220°C

Order code	Package	Units/Box st.
15B675.1608	100 g 	6

L-Cysteine, 99% PS

C₃H₇NO₂S
 M: 121,16 CAS: 52-90-4 EINECS: 200-158-2 NC: 2930 90 13
 Signal Word: Warning

 H302

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B512.1206	25 g 	6
15B512.1208	100 g 	6

L-Cystine (E-921, F.C.C.) ADITIO

C₈H₁₂N₂O₄S₂
 M: 240,30 CAS: 56-89-3 EINECS: 200-296-3 NC: 2930 90 13
 SPECIFICATIONS:
 Assay (as C₈H₁₂N₂O₄S₂) calc. a.d.s 98,5-101,5 %
 Appearance p/t
 Identity:
 IR spectrum p/t.
 Lead, not more than 5 ppm
 Loss on drying, not more than 0,2 %
 Residue on ignition, not more than 0,1 %
 Spec.Rot. (after drying) [α]_D²⁰/D c=2 (in HCl 1 mol/l) -215 to -225°
 Specifications F.C.C. 6
 "For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
203645.1208	100 g 	6

L-Cystine, 98% PS

C₈H₁₂N₂O₄S₂
 M: 240,30 CAS: 56-89-3 EINECS: 200-296-3 NC: 2930 90 13
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
153645.1207	50 g 	6
153645.1209	250 g 	6
153645.1211	1000 g 	6

DBPC

(see 2,6-Di-tert-Butyl-4-Methylphenol)

C
D

DCA

(see Dichloroacetic Acid)

DDC

(see N,N'-Dicyclohexylcarbodiimide)

DCPD

(see Dicyclopentadiene)

D & C Red 19

(see Rhodamine B)

D & C Yellow 1

(see Metanil Yellow)

DDQ

(see 2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone)

DDTC Sodium Salt

(see Sodium Diethyldithiocarbamate 3-hydrate)

1,1,1,2,3,4,4,5,5,5-Decafluoropentane, 99,5% PS

C₅H₂F₁₀

M: 252,05 CAS: 138495-42-8 NC: 2903 39 90

Signal Word: Warning

 H319-H335-H315
1l-1,595kg 1kg-0,627l

SPECIFICATIONS:
Assay (G.C.) (Fluoropentanes mixture) 99,5 %
Identity IR p/t
Density at 20/4 1,593-1,597
Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
15C362.1611	1000 ml 	6

Decahydronaphthalene, 98% isomers mixture PS

C₁₀H₁₈

M: 138,25 CAS: 91-17-8 EINECS: 202-046-9 NC: 2902 19 80 UN: 1147

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger

  H332-H314
1l-0,883kg 1kg-1,133l

SPECIFICATIONS:
Minimum assay (G.C.) (cis+trans) 98 %
Identity IR p/t
Density at 20/4 0,880-0,885
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A758.1611	1000 ml 	6
15A758.1612	2,5 l 	4
15A758.1714	5 l 	4

Decalcifier for pathological anatomy

(see Histofix)

Decalin

(see Decahydronaphthalene)

Decanoic Acid, 98% PS

CH₃-(CH₂)₈-COOH

M: 172,27 CAS: 334-48-5 EINECS: 206-376-4 NC: 2915 90 80

Signal Word: Warning

 H319-H315
1l-0,886kg 1kg-1,128l

SPECIFICATIONS:
Minimum assay (G.C.) 98 %
Identity IR p/t
Melting range 30-33°C

Order code	Package	Units/Box st.
162785.1610	500 ml 	6
162785.1611	1000 ml 	6
162785.1214	5 l 	4

Decanoic Acid Chloride

(see Decanoyl Chloride)

Decanoic Acid Methyl Ester

(see Methyl Decanoate)

Decanoyl Chloride, 98% PS

C₁₀H₁₉ClO

M: 190,71 CAS: 112-13-0 EINECS: 203-938-0 NC: 2915 90 80 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

 H314
1l-0,933kg 1kg-1,072l

SPECIFICATIONS:
Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,932-0,935

Order code	Package	Units/Box st.
15A759.1608	100 ml 	6

Dehydrated Culture Media for Microbiology

(see chapter CULTIMED products)

Dehydrating solvent for pathological anatomy

(see Vitrosec)

6-Deoxy-D-Galactose

(see D(+)-Fucose)

6-Deoxy-L-Galactose

(see L(-)-Fucose)

6-Deoxy-L-Mannose

(see L(+)-Rhamnose 1-hydrate)

DERQUIM, DETERGENTS FOR WASHING OF LABORATORY MATERIAL

DERQUIM + Universal Detergent, LIQUID

Biodegradable, without phosphates

NC: 3402 20 90

Signal Word: Warning

 H302
1l-1,14kg 1kg-0,88l

Order code	Package	Units/Box st.
503574.1211	1000 ml 	6
503574.1231	3 l 	4
503574.1214	5 l 	4
503574.1315	10 l 	(*)

DSF Disinfectant:

DERQUIM DSF 01 Antiseptic for hands LIQUID

for disinfecting hands

NC: 3402 20 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger

  H225-H302
1l-0,97kg 1kg-1,03l

SPECIFICATIONS:
Density at 20/4 0,960-0,975
pH of 1% solution 5-6
Disinfectant activity (minimum inhibitor concentration)
E. coli 2,5 %
S. aureus 5,0 %
A. niger 2,0 %

Order code	Package	Units/Box st.
504993.1211	1000 ml 	6
504993.1231	3 l 	4

DERQUIM DSF 11 Antiseptic for surfaces and implements, LIQUID

for disinfecting floors, walls and objects

NC: 3402 20 90 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

 H302-H319-H315-H317
1l-1,01kg 1kg-0,99l

SPECIFICATIONS:
Density at 20/4 1,005-1,015
Disinfectant activity (minimum inhibitor concentration)
E. coli 0,5 %
S. aureus 1 %
A. niger 0,2 %

Order code	Package	Units/Box st.
504994.1211	1000 ml 	6
504994.1231	3 l 	4
504994.1214	5 l 	4
504994.1315	10 l 	(*)

(*) Sol-Pack pack with tap

LA Automatic Wash:

DERQUIM LA 11 Slightly alkaline SOLID

free of surfactant substances. Solid in powder. pH (3 g/l solution) ~11,2. Soft residues removing.

NC: 3402 20 90 UN: 3262

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502603.1245	2 kg	4
502603.0415	10 kg	
502603.0416	25 kg	

DERQUIM LA 12 Alkaline SOLID

free of surfactant substances. Solid in powder. pH (3 g/l solution) ~12,3. Removing of dry residues.

NC: 3402 20 90 UN: 3262

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502604.1245	2 kg	4
502604.0415	10 kg	
502604.0416	25 kg	

DERQUIM LA 13 Alkaline with detergents SOLID

Solid in powder. pH (3 g/l solution) ~12,2. Grease removing.

NC: 3402 20 90 UN: 3262

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502605.1245	2 kg	4
502605.0415	10 kg	
502605.0416	25 kg	

DERQUIM LA 14 Slightly alkaline LIQUID

free of surfactant substances. pH (4 ml/l solution) ~11,2. Soft residues removing.

NC: 3402 20 90 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502606.1231	3 l	4
502606.1214	5 l	4
502606.1315	10 l	(*)
502606.0716	25 l	

DERQUIM LA 15 Alkaline LIQUID

free of surfactant substances. pH (4 ml/l solution) ~12,2. Removing of dry residues.

NC: 3402 20 90 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502607.1231	3 l	4
502607.1214	5 l	4
502607.1315	10 l	(*)
502607.0716	25 l	

DERQUIM LA 21 Acid, with phosphoric acid LIQUID

free of surfactant substances. Acid solution with anticorrosive protection. pH (2 ml/l solution) ~2,0. Pre-washing agent and neutralizer in post-washing.

NC: 3402 20 90 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger

H302-H314

Order code	Package	Units/Box st.
502608.1231	3 l	4
502608.1214	5 l	4
502608.1315	10 l	(*)
502608.0716	25 l	

(*) Sol-Pack pack with tap

DERQUIM LA 22 Acid, with citric acid LIQUID

free of phosphates. Solution for washing and neutralization. pH (2 ml/l solution) ~3,0.

NC: 3402 20 90

Signal Word: Warning

H302-H319-H315

1l-1,15kg 1kg-0,870l

Order code	Package	Units/Box st.
502609.1231	3 l	4
502609.1214	5 l	4
502609.1315	10 l	(*)
502609.0716	25 l	

Automatic Wash Auxiliaries:

DERQUIM LA 31 Antifoaming

auxiliary antifoaming LIQUID

NC: 3402 20 90

Signal Word: Warning

H302

1l-0,993kg 1kg-1,007l

Order code	Package	Units/Box st.
502610.1231	3 l	4

DERQUIM LA 32 Rinsing

Biodegradable, auxiliary, rinsing, phosphates free LIQUID

NC: 3402 20 90

Signal Word: Warning

H302

1l-1,040kg 1kg-0,962l

Order code	Package	Units/Box st.
502611.1231	3 l	4

DERQUIM SALT (Sodium Chloride lumps)

for delimiting of water

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

Order code	Package	Units/Box st.
503468.0415	10 kg	
503468.0416	25 kg	

LM Manual Wash:

DERQUIM LM 01 Alkaline LIQUID

pH solution 2%: 11-12. General use.

NC: 3402 20 90

Signal Word: Warning

H302-H319-H315

1l-1,070kg 1kg-0,935l

Order code	Package	Units/Box st.
502600.1231	3 l	4
502600.1214	5 l	4
502600.1315	10 l	(*)
502600.0716	25 l	

DERQUIM LM 02 Neutral, phosphates free LIQUID

pH solution 2%: 8-9. General use for sensitive material.

NC: 3402 20 90

Signal Word: Warning

H302

1l-1,01kg 1kg-0,99l

Order code	Package	Units/Box st.
502601.1231	3 l	4
502601.1214	5 l	4
502601.1315	10 l	(*)
502601.0716	25 l	

DERQUIM LM 03 Phosphates free LIQUID

pH solution 2%: 12-13. General use.

NC: 3402 20 90 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H302-H319-H315

1l-1,045kg 1kg-0,957l

Order code	Package	Units/Box st.
502602.1231	3 l	4
502602.1214	5 l	4
502602.1315	10 l	(*)
502602.0716	25 l	

Manual Wash Auxiliar:

DERQUIM MC Chromic Mixture

Brown and viscous solution, highly corrosive and oxidizer. For organical residue which can not be eliminated by detergents. D20/4>1,80.

NC: 2841 50 00 UN: 2240

IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809

Signal Word: Danger



H350i-H340-H272-H314-H317-H411

1l-1,826kg 1kg~0,548l

SPECIFICATIONS:

Density at 20/4>1,80

Order code	Package	Units/Box st.
502612.2211	1000 ml	6

DERQUIM OXY (Substitute of Chromic Mixture) SOLID

preparation of oxidizing mixture with sulphuric acid for the cleaning of glass material

CAS: 7727-54-0 EINECS: 231-786-5 NC: 2833 40 00 UN: 1444

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

Order code	Package	Units/Box st.
506071.2322	12 x 10 g	6

Detergent Acid Solution RE

NC: 3822 00 00 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H315

1l-1,031kg 1kg~0,970l

Composition:

N-Cetyl-N,N,N-Trimethylammonium Bromide (in H₂SO₄ 1 N).....20 g/l

Order code	Package	Units/Box st.
175055.1211	1000 ml	6
175055.1214	5 l	4

Detergent Neutral Solution RE

NC: 3822 00 00

1l-1,020kg 1kg~0,980l

Composition:

Sodium Dodecyl Sulphate.....30,0 g/l

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate.....18,6 g/l

di-Sodium tetra-Borate 10-hydrate.....6,8 g/l

di-Sodium Hydrogen Phosphate anhydrous.....4,6 g/l

Triethylene Glycol 10 ml/l

pH: 7,0±0,1

Order code	Package	Units/Box st.
175054.1211	1000 ml	6
175054.1214	5 l	4

Detergents for washing of laboratory material

(see DERQUIM)

Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI

D₂O

M: 20,03 CAS: 7789-20-0 EINECS: 232-148-9 NC: 2845 10 00

1l-1,11kg 1kg~0,90l

SPECIFICATIONS:

Deuteration degree min. 99,98 %

NMR suitability p/t.

Order code	Package	Units/Box st.
745851.02130	10 x 0,75 ml	6
745851.1905	vial with septum 10 ml	6

Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI

D₂O

M: 20,03 CAS: 7789-20-0 EINECS: 232-148-9 NC: 2845 10 00

1l-1,11kg 1kg~0,90l

SPECIFICATIONS:

Deuteration degree min. 99,8 %

NMR suitability p/t.

Order code	Package	Units/Box st.
745849.1905	vial with septum 10 ml	6
745849.1608	100 ml	6
745849.1610	500 ml	6

Dextrin Yellow PS

(C₆H₁₀O₅)_n·xH₂O

M: (162,08)n CAS: 9004-53-9 EINECS: 232-675-4 NC: 3505 10 10

SPECIFICATIONS:

Identity IR p/t.
Loss on drying 8 %

Order code	Package	Units/Box st.
15B002.1209	250 g	6
15B002.1211	1000 g	6

Dextrose

(see D(+)-Glucose)

DHP

(see 3,4-Dihydro-2H-Pyran)

Diacetone Alcohol

(see 4-Hydroxy-4-Methyl-2-Pentanone)

Diacetyl

(see 2,3-Butanedione)

Diacetyl Dioxime

(see Dimethylglyoxime)

Diacetyldioxime di-Sodium Salt

(see Dimethylglyoxime di-Sodium Salt 8-hydrate)

Diacetylmonoxime PA

CH₃COC(CH₃)NOH

M: 101,11 CAS: 57-71-6 EINECS: 200-348-5 NC: 2928 00 90

SPECIFICATIONS:

Minimum assay (N deter.) 99,0 %

Identity IR p/t.

Melting range 74-76°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.

Insoluble matter in C₂H₅OH p/t.

Residue on ignition (as SO₂) 0,05 %

Sensitivity to urea p/t.

Sulphate (SO₄) 0,01 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
122090.1606	25 g	6
122090.1608	100 g	6

2,6-Diaminocaproic Acid

(see Lysine)

(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS

C₁₄H₂₂N₂O₈·H₂O

M: 364,36 CAS: 125572-95-4 EINECS: 236-308-9 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.)97,5-100,5%
Identity.....IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH.....p/t.
Residue on ignition (as SO₂).....0,2 %
Heavy metals (as Pb).....0,001 %
Fe.....0,005 %

Order code	Package	Units/Box st.
133534.1206	25 g	6
133534.1208	100 g	6

4,4'-Diaminobiphenyl

(see Benzidine)

1,2-Diaminoethane

(see Ethylenediamine)

1,6-Diaminohexane

(see Hexamethylenediamine)

2,6-Diaminohexanoic Acid

(see Lysine)

3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA

for determination of surfactants

C₂₀H₁₈BrN₃

M: 380,30 CAS: 518-67-2 EINECS: 208-256-7 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Spectrophotometric) (a.d.s.).....95 %
Identity.....IR p/t.
λ of max. ABS. in CH₃OH.....520-524 nm
A 1%, 1 cm, λ_{max}.....>150

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....5 %
Suitability for determination of surfactantsp/t.

Order code	Package	Units/Box st.
122844.1603	1 g	6
122844.1604	5 g	6

2,5-Diaminopentanoic Acid

(see Ornithine)

3,4-Diaminopyridine, 98% PS

C₅H₇N₃

M: 109,13 CAS: 54-96-6 EINECS: 200-220-9 NC: 2933 39 99 UN: 2811

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger

H301-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Perchl. Ac.).....98 %
Identity.....IR p/t.
Melting range.....217-220°C

Order code	Package	Units/Box st.
15A637.1603	1 g	6
15A637.1604	5 g	6

Diaphragms Cleaning Solution RV

for cleaning electrode diaphragms

NC: 3822 00 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning

H411

1l-1,013kg 1kg-0,987l

Composition:

Thiourea.....5,0 g
Hydrochloric Acid 0,1 mol/l s.q.m.....100 ml

Order code	Package	Units/Box st.
285251.1209	250 ml	6

Diatomaceous Earth

(see Siliceous Earth purified and calcined)

Dibenzoyl

(see Benzil)

Dibenzoyl Peroxide

(see Benzoyl Peroxide)

1,3-Dibromobenzene, 97% PS

C₆H₄Br₂

M: 235,91 CAS: 108-36-1 EINECS: 203-574-2 NC: 2903 69 90

Signal Word: Warning

H319-H335-H315
1l-1,955kg 1kg-0,511l

SPECIFICATIONS:

Assay.....97 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
15C035.1605	10 ml	6
15C035.1607	50 ml	6

5',5''-Dibromo-o-Cresolsulphonphthalein

(see Bromocresol Purple)

2,3-Dibromopropionic Acid, 98% PS

C₃H₄Br₂O₂

M: 231,89 CAS: 600-05-5 EINECS: 209-981-1 NC: 2915 90 80 UN: 3261

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger

H314

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15B482.1606	25 g	6
15B482.1608	100 g	6

α,3-Dibromotoluene

(see 3-Bromobenzyl Bromide)

α,4-Dibromotoluene

(see 4-Bromobenzyl Bromide)

Di-n-Butylamine, 99% PS

(C₄H₉)₂NH

M: 129,25 CAS: 111-92-2 EINECS: 203-921-8 NC: 2921 19 80 UN: 2248

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Warning

H226-H332-H312-H302
1l-0,759kg 1kg-1,318l

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
Identity.....IR p/t.
Density at 20/40,758-0,760
Water (H₂O).....0,2 %

Order code	Package	Units/Box st.
15A777.1611	1000 ml	6
15A777.1214	5 l	4

2,6-Di-tert-Butyl-p-Cresol

(see 2,6 Di-tert-Butyl-4-Methylphenol)

Di-tert-Butyl Dicarbonate, 98% PS

C₁₀H₁₈O₅

M: 218,24 CAS: 24424-99-5 EINECS: 246-240-1 NC: 2920 90 10 UN: 2929

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 603 CAO: 604

Signal Word: Danger

H226-H330-H319-H315-H317
1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A454.1606	25 ml	6
15A454.1608	100 ml	6

Di-n-Butyl Ether, 99% PS

C₈H₁₈O

M: 130,23 CAS: 142-96-1 EINECS: 205-575-3 NC: 2909 19 00 UN: 1149
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315-H412

1l-0,768kg 1kg-1,302l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,766-0,769
Peroxides (as H₂O₂) 0,005 %*
Water (H₂O) 0,1 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
165521.1611	1000 ml	6
165521.1612	2,5 l	4

3,5-Di-tert-butyl-4-Hydroxytoluene

(see 2,6-Di-tert-Butyl-4-Methylphenol)

2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.)

PRS-CODEX

C₁₅H₂₄O

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (as C₁₅H₂₄O) 99,0 %
Identity according to Pharmacopoeias p/t
Freezing range 69,2-70°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in CH₃OH p/t
Residue on ignition (as SO₂) 0,002 %
Related substances p/t
Heavy metals (as Pb) 0,001 %
As 0,0003 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
142825.1210	500 g	6
142825.1211	1000 g	6
142825.0914	5 kg	4

2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.)

ADITIO

C₁₅H₂₄O

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Assay (as C₁₅H₂₄O), not less than 99,0 %
Arsenic (as As), not more than 3 ppm
Phenolic impurities, not more than 0,5 %
Lead, not more than 5 ppm
Mercury (Hg), not more than 1 ppm
Heavy metals (as Pb), not more than 10 ppm
Residue on ignition, not more than 0,002 %
A 1%; 1 cm; λ278 nm (ethanol) 81-88
Melting range 69,2-70°C
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202825.0914	5 kg	4
202825.0416	25 kg	1

2,6-Di-tert-Butyl-4-Methylphenol, 98% PS

C₁₅H₂₄O

M: 220,35 CAS: 128-37-0 EINECS: 204-881-4 NC: 2907 19 90

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Melting range 68-70°C

Order code	Package	Units/Box st.
162825.1209	250 g	6
162825.1211	1000 g	6

Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA

(C₆H₅OOCC)₂C₆H₄

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Danger



H360Df-H400

1l-1,047kg 1kg-0,955l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/20 1,045-1,048
Refractive index n_{20/D} 1,491-1,493

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,01 %
Acidity 0,02 %
Water (H₂O) 0,05 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
121937.1608	100 ml	6
121937.1611	1000 ml	6

Di-n-Butyl Phthalate PRS

(C₆H₅OOCC)₂C₆H₄

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Danger



H360Df-H400

1l-1,047kg 1kg-0,955l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity IR p/t
Density at 20/20 1,045-1,048
Residue on ignition (as SO₂) 0,01 %
1-Butanol (G.C.) 0,2 %
Acidity (as C₆H₅O₂) 0,02 %
Water (H₂O) 0,2 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
141937.1611	1000 ml	6
141937.1214	5 l	4
141937.0716	25 l	1

Di-n-Butyl Phthalate, 99% PS

(C₆H₅OOCC)₂C₆H₄

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Danger



H360Df-H400

1l-1,047kg 1kg-0,955l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t

Order code	Package	Units/Box st.
151937.1611	1000 ml	6
151937.1612	2,5 l	4

Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX

(C₆H₅OOCC)₂C₆H₄

M: 278,35 CAS: 84-74-2 EINECS: 201-557-4 NC: 2917 34 10 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Danger



H360Df-H400

1l-1,047kg 1kg-0,955l

SPECIFICATIONS:

Assay (Acidim.) 99,0-101,0 %
Identity according to Pharmacopoeias p/t
Density at 20/20 1,043-1,048
Refractive index n_{20/D} 1,490-1,495

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t
Loss on drying at 105°C 1,0 %
Residue on ignition (as SO₂) 0,01 %
Residual solvents (Ph.Eur./USP) p/t
1-Butanol (G.C.) 0,2 %
Acidity p/t
Related substances 1,0 %
Water (H₂O) 0,2 %
Heavy metals (as Pb) 0,002 %
As 0,0002 %

Order code	Package	Units/Box st.
191937.1611	1000 ml	6

Di-tert-Butyl Pyrocarbonate

(see Di-tert-Butyl Dicarboxylate)

Dichlobenil

(see 2,6-Dichlorobenzonitrile)

Dichloroacetic Acid, 98% PS

CHCl₂COOH

M: 128,94 CAS: 79-43-6 EINECS: 201-207-0 NC: 2915 40 00 UN: 1764

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H400

1l-1,567kg 1kg-0,638l

SPECIFICATIONS:

Minimum assay (G.C.) (as methyl ester) 98 %

Identity IR p/t.

Density at 20/4 1,566-1,568

Order code	Package	Units/Box st.
15A678.1609	250 ml	6
15A678.1611	1000 ml	6

3',4'-Dichloroacetophenone, 98% PS

C₈H₆Cl₂O

M: 189,04 CAS: 2642-63-9 EINECS: 220-146-0 NC: 2914 39 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C043.1206	25 g	6
15C043.1208	100 g	6

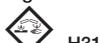
3,4-Dichlorobenzaldehyde, 98% PS

C₇H₄Cl₂O

M: 175,01 CAS: 6287-38-3 EINECS: 228-520-5 NC: 2913 00 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C075.1604	5 g	6
15C075.1606	25 g	6

1,2-Dichlorobenzene (UV-HPLC-GPC) PAI

C₆H₄Cl₂

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319-H335-H315-H410

1l-1,307kg 1kg-0,765l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t.

Density at 20/4 1,305-1,308

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0005 %

Acidity 0,0003 meq/g

Alkalinity 0,0005 meq/g

Water (H₂O) 0,02 %

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	296 (Cut off)	300	336	380-450
A (AU)	1,000	0,301	0,051	0,009
T (%)	10	50	89	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361892.1611	1000 ml	6

1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA

C₆H₄Cl₂

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319-H335-H315-H410

1l-1,307kg 1kg-0,765l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t.

Density at 20/20 1,299-1,301

Refractive index n_D 25/D 1,548-1,550

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

1,3-Dichlorobenzene (G.C.) 0,2 %

1,4-Dichlorobenzene (G.C.) 0,2 %

Acidity 0,0005 meq/g

Water (H₂O) 0,02 %

Chloride (Cl) 0,0001 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code	Package	Units/Box st.
121892.1611	1000 ml	6

1,2-Dichlorobenzene, 98% PS

C₆H₄Cl₂

M: 147,00 CAS: 95-50-1 EINECS: 202-425-9 NC: 2903 61 00 UN: 1591

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H319-H335-H315-H410

1l-1,307kg 1kg-0,765l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Density at 20/4 1,305-1,308

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
161892.1611	1000 ml	6
161892.1612	2,5 l	4
161892.1214	5 l	4

1,3-Dichlorobenzene, 98% PS

C₆H₄Cl₂

M: 147,00 CAS: 541-73-1 EINECS: 208-792-1 NC: 2903 69 90 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H411

1l-1,288kg 1kg-0,776l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Density at 20/4 1,287-1,289

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A592.1609	250 ml	6
15A592.1611	1000 ml	6

1,4-Dichlorobenzene, 99% PS

C₆H₄Cl₂

M: 147,00 CAS: 106-46-7 EINECS: 203-400-5 NC: 2903 61 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H319-H351-H410

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Melting range 52-55°C

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A598.1210	500 g	6
15A598.1211	1000 g	6
15A598.0914	5 kg	6
15A598.0416	25 kg	6

1,2-Dichlorobenzene-Phenol

(see Phenol-1,2-Dichlorobenzene)

2,6-Dichlorobenzonitrile, 97% PS

C₇H₄Cl₂N

M: 172,01 CAS: 1194-65-6 EINECS: 214-787-5 NC: 2926 90 95 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H411

SPECIFICATIONS:

Assay 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B554.1606	25 g	6
15B554.1608	100 g	6

3,4-Dichlorocinnamic Acid, 97% PS

C₉H₆Cl₂O₂

M: 217,04 CAS: 1202-39-7 EINECS: 214-866-4 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C140.1606	25 g	6
15C140.1608	100 g	6

2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS

C₆Cl₂N₂O₂

M: 227,01 CAS: 84-58-2 EINECS: 201-542-2 NC: 2914 69 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H330-EU029

SPECIFICATIONS:

Assay (Iodom.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15A251.1605	10 g	6
15A251.1608	100 g	6

1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI

C₂H₄Cl₂

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Density at 20/4 1,246-1,255

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0002 %

Acidity 0,0002 meq/g

Alkalinity 0,0002 meq/g

Water (H₂O) 0,02 %

Suitability for IR spectrometry p/t.

UV Spectrum (1 cm cell, Ref.: water)

λ (nm)	228 (Cut off)	240	245	250	260-400
A (AU)	1,000	0,071	0,046	0,022	0,009
T (%)	10	85	90	95	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 3,5

Eluotropic value ε°(Al₂O₃) 0,44

Sol. H₂O in solv. at 20°C 0,16

P' + 0,25 ε 6,3

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361286.1611	1000 ml	6
361286.1612	2,5 l	4

1,2-Dichloroethane dry (max. 0,005% water) DS-ACS

C₂H₄Cl₂

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity IR p/t.

Density at 20/4 1,246-1,255

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Dichloromethane (G.C.) 0,05 %

Tetrachloroethylene (G.C.) 0,05 %

Trichloroethylene (G.C.) 0,05 %

Trichloromethane (G.C.) 0,05 %

Reducing substances to KMnO₄ (as O) 0,001 %

Darkened substances by H₂SO₄ p/t.

Acidity 0,0003 meq/g

Water (H₂O) 0,005 %

Chlorine (Cl) 0,0001 %

Chloride (Cl) 0,0001 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code Package Units/Box st.

481286.1611 1000 ml 6

1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS

C₂H₄Cl₂

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l~1,250kg 1kg~0,800l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity IR p/t.

Density at 20/4 1,246-1,255

Distillation range (>95% dist.) 82-84°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Dichloromethane (G.C.) 0,05 %

Trichloromethane (G.C.) 0,05 %

Tetrachloroethylene (G.C.) 0,05 %

Trichloroethylene (G.C.) 0,05 %

Reducing substances to KMnO₄ (as O) 0,001 %

Darkened substances by H₂SO₄ p/t.

Acidity 0,0003 meq/g

Water (H₂O) 0,03 %

Chlorine (Cl) 0,0001 %

Chloride (Cl) 0,0001 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code Package Units/Box st.

131286.1611 1000 ml 6

131286.1612 2,5 l 4

131286.1714 5 l 4

131286.0616 25 l

1,2-Dichloroethane PRS

ClCH2ClCH2

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l-1,250kg 1kg-0,800l

SPECIFICATIONS:

Assay (G.C.).....	99 %
Identity.....	IR p/t.
Density at 20/4	1,246-1,255
Non-volatile matter.....	0,005 %
Dichloromethane (G.C.).....	0,1 %
Tetrachloroethylene (G.C.).....	0,1 %
Trichloroethylene (G.C.).....	0,1 %
Trichloromethane (G.C.).....	0,1 %
Acidity.....	0,0008 meq/g
Water (H ₂ O).....	0,2 %
Chloride (Cl).....	0,0005 %
Cu.....	0,0002 %
Fe.....	0,0005 %
Ni.....	0,0002 %
Pb.....	0,0002 %

Order code	Package	Units/Box st.
141286.1611	1000 ml	6
141286.1612	2,5 l	4
141286.1714	5 l	4
141286.0616	25 l	

1,2-Dichloroethane, 99,5% PS

ClCH2ClCH2

M: 98,97 CAS: 107-06-2 EINECS: 203-458-1 NC: 2903 15 00 UN: 1184
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H350-H225-H302-H319-H335-H315

1l-1,250kg 1kg-0,800l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t.
Density at 20/4	1,246-1,255
Non-volatile matter.....	0,005 %
Acidity (as HCl).....	0,001 %
Water (H ₂ O).....	0,03 %

Order code	Package	Units/Box st.
161286.1611	1000 ml	6
161286.1612	2,5 l	4
161286.1714	5 l	4
161286.0616	25 l	

Dichloroethanoic Acid

(see Dichloroacetic Acid)

2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS

C20H10Cl2O5

M: 401,20 CAS: 76-54-0 EINECS: 200-968-6 NC: 3204 16 00

SPECIFICATIONS:

Identity.....	IR p/t.
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in ethanol 70%	p/t.
Suitability as adsorption indicator.....	p/t.
Cu.....	0,005 %
Pb.....	0,005 %

Order code	Package	Units/Box st.
133606.1604	5 g	6
133606.1606	25 g	6

2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE

C20H10Cl2O5

M: 401,20 CAS: 76-54-0 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

Composition:

2',7'-Dichlorofluorescein	0,1 g
2-Propanol.....	100 ml

Order code	Package	Units/Box st.
174256.1608	100 ml	6

1,3-Dichloro-4-Fluorobenzene, 99% PS

C6H3Cl2F

M: 164,99 CAS: 1435-48-9 NC: 2903 69 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H302-H315-H373-H332-H411

1l-1,409kg 1kg-0,710l

SPECIFICATIONS:

Assay.....	99 %
Identity.....	IR p/t.

Order code	Package	Units/Box st.
15B834.1604	5 ml	6
15B834.1606	25 ml	6

2,4-Dichlorofluorobenzene

(see 1,3-Dichloro-4-Fluorobenzene)

2,6-Dichloroindophenol Sodium Salt

(see 2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate)

Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS

CH2Cl2

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg-0,755l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,9 %
Density at 20/4	1,322-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,0003 %
Acidity.....	0,0002 meq/g
Alkalinity.....	0,0002 meq/g
Chlorine (Cl).....	0,0001 %
Water (H ₂ O).....	0,01 %
Suitability for IR spectrometry.....	p/t.
UV Spectrum (1 cm cell; Ref.: water)	

λ (nm)	233 (Cut off)	235	240	245	255	260-400
A (AU)	1,000	0,523	0,155	0,046	0,009	0,004
T (%)	10	30	70	90	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity.....	3,1
Eluotropic value E°(Al ₂ O ₃).....	0,42
Sol. H ₂ O in solv. at 20°C.....	0,17
P' + 0,25 E.....	5,6

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361254.1611	1000 ml	6
361254.1612	2,5 l	4
361254.1616	25 l	

Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI

CH₂Cl₂

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg-0,755l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t
 Density at 20/4 1,322-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0003 meq/g
 Alkalinity 0,0003 meq/g
 Water (H₂O) 0,02 %
 Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
 Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
 Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code Package Units/Box st.

Order code	Package	Units/Box st.
321254.1611	1000 ml	6
321254.1612	2,5 l	4
321254.1646	4 l	4

Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO

CH₂Cl₂

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
 Identity IR p/t
 Density at 20/4 1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Ethanol (G.C.) 0,05 %
 Carbon Tetrachloride (G.C.) 0,01 %
 Trichloromethane (G.C.) 0,05 %
 Darkened substances by H₂SO₄ p/t
 Acidity 0,0003 meq/g
 Water (H₂O) 0,005 %
 Chlorine (Cl) 0,0001 %
 Formaldehyde (HCHO) 0,0001 %
 Chloride (Cl) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Ga	0,02	Sb	0,02
Al	0,5	Ge	0,05	Si	0,2
As	0,05	Hg	0,05	Sn	0,1
Au	0,05	In	0,05	Sr	0,2
B	0,02	K	0,1	Ti	0,02
Ba	0,1	Li	0,05	Tl	0,02
Be	0,02	Mg	0,1	V	0,02
Bi	0,05	Mn	0,02	Zn	0,1
Ca	0,5	Mo	0,02	Zr	0,02
Cd	0,05	Na	0,5		
Co	0,02	Ni	0,02		
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		
Fe	0,1	Pt	0,02		

Order code Package Units/Box st.

481254.1611	1000 ml	6
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Dichloromethane stabilized with amylene PA-ACS-ISO

CH₂Cl₂

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg-0,755l

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Density at 20/4 1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Ethanol (G.C.) 0,05 %
 Carbon Tetrachloride (G.C.) 0,01 %
 Trichloromethane (G.C.) 0,05 %
 Darkened substances by H₂SO₄ p/t
 Acidity 0,0003 meq/g
 Water (H₂O) 0,02 %
 Chlorine (Cl) 0,0001 %
 Formaldehyde (HCHO) 0,0001 %
 Chloride (Cl) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,02
Al	0,5	Fe	0,1	P	0,2
As	0,05	Ga	0,02	Pb	0,1
Au	0,05	Ge	0,05	Pt	0,02
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
				Zr	0,02

Order code Package Units/Box st.

131254.1611	1000 ml	6
131254.1612	2,5 l	4
131254.1714	5 l	4
131254.0616	25 l	

Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CH₂Cl₂

M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg-0,755l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity according to Pharmacopoeias p/t
 Density at 20/20 1,320-1,332
 Density at 25/25 1,318-1,322
 Refractive index n_D²⁰ 1,423-1,425

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t
 Non-volatile matter 0,002 %
 Residual solvents (Ph.Eur./USP) p/t
 Ethanol, 2-Methyl-2-Butene and volatile impurities (v/v) :
 Ethanol 2,0%
 2-Methyl-2-Butene 0,03%
 Carbon Tetrachloride 0,001%
 Trichloromethane 0,005%
 Total of impurities other than ethanol and 2-Methyl-2-Butene 0,1%
 Acidity (as HCl) 0,001 %
 Water (H₂O) 0,02 %
 Free chlorine (Cl) p/t
 Chloride (Cl) 0,0003 %
 Heavy metals (as Pb) 0,0001 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code Package Units/Box st.

141254.1611	1000 ml	6
141254.1612	2,5 l	4
141254.1714	5 l	4
141254.0616	25 l	

Dichloromethane stabilized with amylene (F.C.C.) ADITIO

extraction solvent for industrial food use



M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Assay (as CH₂Cl₂), not more than 99,0 %
 Acidity (as HCl), not more than 10 ppm
 Distillation range 39,5-40,5°C
 Free halogens p/t
 Non-volatile residue, not more than 0,002 %
 Specific gravity 1,318-1,323
 Water, not more than 0,02 %
 Arsenic, not more than 1 ppm
 Lead, not more than 1 ppm
 Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201254.1714	5 l	4
201254.0616	25 l	

Dichloromethane, 99,8% stabilized with amylene PS



M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t
 Density at 20/4 1,323-1,325
 Non-volatile matter 0,001 %
 Acidity (as HCl) 0,001 %
 Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
161254.1611	1000 ml	6
161254.1612	2,5 l	4
161254.1714	5 l	4
161254.0616	25 l	
161254.0619	200 l	

Dichloromethane stabilized with amylene QP



M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Assay (G.C.) 98 %
 Density at 20/4 1,322-1,326
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
211254.1611	1000 ml	6
211254.1612	2,5 l	4
211254.1714	5 l	4
211254.0616	25 l	

Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO



M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) (stabilizer not included) 99,9 %
 Identity IR p/t
 Density at 20/4 1,323-1,325

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Ethanol (G.C.) ~0,2 %
 Carbon Tetrachloride (G.C.) 0,01 %
 Trichloromethane (G.C.) 0,05 %
 Darkened substances by H₂SO₄ p/t
 Acidity 0,0003 meq/g
 Water (H₂O) 0,005 %
 Chlorine (Cl) 0,0001 %
 Formaldehyde (HCHO) 0,0001 %
 Chloride (Cl) 0,0001 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
483675.1611	1000 ml	6

Dichloromethane, 99,8% stabilized with ~0,2% of ethanol PS



M: 84,93 CAS: 75-09-2 EINECS: 200-838-9 NC: 2903 12 00 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,324kg 1kg~0,755l

SPECIFICATIONS:

Minimum assay (G.C.) (stabilizer not included) 99,8 %
 Identity IR p/t
 Density at 20/4 1,323-1,325
 Non-volatile matter 0,002 %
 Ethanol (G.C.) ~0,2 %
 Acidity (as HCl) 0,001 %
 Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
163675.1611	1000 ml	6
163675.1612	2,5 l	4
163675.1714	5 l	4
163675.0616	25 l	
163675.0619	200 l	

Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI



M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,36kg 1kg~0,74l

SPECIFICATIONS:

Deuteration degree min. 99,95 %
 NMR suitability p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,01 %

Order code	Package	Units/Box st.
745854.02130	10 x 0,75 ml	6
745854.1605	10 ml	6

Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI

CD₂Cl₂

M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,36kg 1kg-0,74l

SPECIFICATIONS:

Deuteration degree min. 99,8 %

NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,02 %

Order code	Package	Units/Box st.
745853.1605	10 ml	6

Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI

CD₂Cl₂

M: 86,95 CAS: 1665-00-5 EINECS: 216-776-0 NC: 2845 90 10 UN: 1593

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H351

1l-1,36kg 1kg-0,74l

SPECIFICATIONS:

Deuteration degree min. 99,5 %

NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745852.1605	10 ml	6

2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

C₁₂H₆Cl₂NNaO₂·2H₂O

M: 326,09 CAS: 620-45-1 EINECS: 210-640-4 NC: 2907 19 90

SPECIFICATIONS:

Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 120°C 12,0 %

Foreign dyes p/t.

Order code	Package	Units/Box st.
132056.1604	5 g	6
132056.1606	25 g	6

Dicyandiamide

(see 1-Cyanoguanidine)

N,N'-Dicyclohexylcarbodiimide, 98% PS

C₁₃H₂₂N₂

M: 206,33 CAS: 538-75-0 EINECS: 208-704-1 NC: 2925 19 95 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H302-H311-H317

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Melting range 33-36 °C

Order code	Package	Units/Box st.
15A829.1608	100 g	6
15A829.1609	250 g	6
15A829.1611	1000 g	6

Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS

C₁₀H₁₂

M: 132,21 CAS: 77-73-6 EINECS: 201-052-9 NC: 2902 19 80 UN: 2048

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H302-H319-H335-H411

CE: 601-044-00-9

1l-0,977kg 1kg~1,023l

SPECIFICATIONS:

Assay (G.C.) ~90 %

Density at 20/4 0,976-0,979

Order code	Package	Units/Box st.
15A760.1611	1000 ml	6
15A760.1612	2,5 l	4

Dicyclopropylketone, 98% PS

C₇H₁₀O

M: 110,16 CAS: 1121-37-5 EINECS: 214-331-5 NC: 2914 29 00 UN: 1224

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-0,977kg 1kg-1,023l

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A039.1606	25 ml	6
15A039.1608	100 ml	6

Diethanolamine PA-ACS

NH(CH₂CH₂OH)₂

M: 105,14 CAS: 111-42-2 EINECS: 203-868-0 NC: 2922 12 00

Signal Word: Danger



H302-H315-H318-H373

1l-1,09kg 1kg-0,91l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t.

Apparent equivalent weight 104,0-106,0

Freezing point 27-28°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15

Residue on ignition (as SO₂) 0,002 %

Ethanolamine (G.C.) 0,3 %

Triethanolamine (G.C.) 0,3 %

Chloride (Cl) 0,001 %

Water (H₂O) 0,15 %

Heavy metals (as Pb) 0,0001 %

Fe 0,0001 %

Order code Package Units/Box st.

131287.1611	1000 ml	6
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Diethanolamine, 98% PS

NH(CH₂CH₂OH)₂

M: 105,14 CAS: 111-42-2 EINECS: 203-868-0 NC: 2922 12 00

Signal Word: Danger



H302-H315-H318-H373

1l-1,09kg 1kg-0,91l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Freezing point 25-28°C

Water (H₂O) 0,3 %

Order code Package Units/Box st.

161287.1611	1000 ml	6
161287.1612	2,5 l	4
161287.1214	5 l	4
161287.0716	25 l	4

Diethylamine (Reag. USP, Ph. Eur.) PA-ACS

NH(C₂H₅)₂

M: 73,14 CAS: 109-89-7 EINECS: 203-716-3 NC: 2921 19 50 UN: 1154

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308

Signal Word: Danger



H225-H302-H314-H332-H312-H302-H314

1l-0,703kg 1kg~1,422l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity IR p/t.

Density at 25/4 0,700-0,705

Boiling range 55-58°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20

Non-volatile matter 0,01 %

Ethanol (G.C.) 0,05 %

Monoethylamine (G.C.) 0,2 %

Triethylamine (G.C.) 0,2 %

Water (H₂O) 0,1 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code Package Units/Box st.

131288.1611	1000 ml	6
131288.1612	2,5 l	4
131288.1714	5 l	4
131288.0616	25 l	4

Diethylamine, 99,5% PS

NH(C₂H₅)₂
 M: 73,14 CAS: 109-89-7 EINECS: 203-716-3 NC: 2921 19 50 UN: 1154
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 306 CAO: 308
 Signal Word: Danger



H225-H332-H312-H302-H314

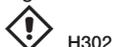
1l-0,703kg 1kg-1,422l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 25/4 0,700-0,705
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161288.1611	1000 ml	6
161288.1612	2,5 l	4
161288.1714	5 l	4

5,5-Diethylbarbituric Acid PA

C₈H₁₂N₂O₃
 M: 184,20 CAS: 57-44-3 EINECS: 200-331-2 NC: 2933 54 00
 Signal Word: Warning



H302

SPECIFICATIONS:
 Minimum assay (Acidim.) calc. a.d.s 99,0 %
 Identity IR p/t.
 Melting range 188-192°C

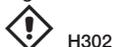
MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Acidity p/t.
 Heavy metals (as Pb) 0,003 %

Order code	Package	Units/Box st.
121025.1208	100 g	6
121025.1209	250 g	6
121025.1210	500 g	6

**5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.)
 PRS-CODEX**

C₈H₁₂N₂O₃
 M: 184,20 CAS: 57-44-3 EINECS: 200-331-2 NC: 2933 54 00
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay calc. a.d.s 99,0-101,0%
 Identity according to Pharmacopoeias p/t.
 Melting range 188-192°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in NaOH p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Related substances p/t.
 Acidity p/t.
 Heavy metals (as Pb) 0,003 %

Order code	Package	Units/Box st.
141025.1208	100 g	6

Diethylbarbituric Acid Sodium Salt

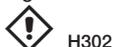
(see Sodium 5,5-Diethylbarbiturate)

Diethylene Dioxide

(see 1,4-Dioxan)

Diethylene Glycol (Reag. USP, Ph. Eur.) PA

O(CH₂CH₂OH)₂
 M: 106,12 CAS: 111-46-6 EINECS: 203-872-2 NC: 2909 41 00
 Signal Word: Warning



H302

1l-1,117kg 1kg-0,895l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 1,117-1,120
 Distillation range 244-246°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition 0,005 %
 Acidity (as CH₃COOH) 0,005 %
 Ethylene Glycol (G.C.) 0,06 %
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
121289.1611	1000 ml	6

Diethylene Glycol, 98% PS

O(CH₂CH₂OH)₂
 M: 106,12 CAS: 111-46-6 EINECS: 203-872-2 NC: 2909 41 00
 Signal Word: Warning



H302

1l-1,117kg 1kg-0,895l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,115-1,118
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
151289.1611	1000 ml	6
151289.1212	2,5 l	4
151289.1214	5 l	4
151289.0716	25 l	4

Diethylene Glycol mono-Butyl Ether, 98% PS

C₈H₁₈O₃
 M: 162,23 CAS: 112-34-5 EINECS: 203-961-6 NC: 2909 43 00
 Signal Word: Warning



H319

1l-0,953kg 1kg-1,048l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,953-0,954
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
15A783.1211	1000 ml	6

Diethylene Glycol mono-Butyl Ether Acetate, 98% PS

C₁₀H₂₀O₄
 M: 204,30 CAS: 124-17-4 EINECS: 204-685-9 NC: 2915 39 80
 1l-0,979kg 1kg-1,021l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C337.1609	250 ml	6
15C337.1611	1000 ml	6

Diethylene Glycol Diethyl Ether, 98% PS

C₈H₁₈O₃
 M: 162,23 CAS: 112-36-7 EINECS: 203-963-7 NC: 2909 19 00
 1l-0,901kg 1kg-1,109l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A024.1610	500 ml	6

Diethylene Glycol mono-Ethyl Ether, 98% PS

C₆H₁₄O₃
 M: 134,17 CAS: 111-90-0 EINECS: 203-919-7 NC: 2909 44 00
 Signal Word: Warning



H319

1l-0,990kg 1kg-1,010l

SPECIFICATIONS:
 Minimum assay 98 %
 Identity IR p/t.
 Density at 20/4 0,983-0,991
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A784.1211	1000 ml	6

Diethylene Glycol mono-Methyl Ether, 98% PS

C₅H₁₂O₃
 M: 120,15 CAS: 111-77-3 EINECS: 203-906-6 NC: 2909 44 00
 Signal Word: Warning



H361d

1l-1,020kg 1kg-0,980l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,020-1,022
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A786.1211	1000 ml	6

Diethylene Oxide

(see Tetrahydrofuran)

D

Diethylenetriamine, 98% PS

C₄H₁₁N₃

M: 103,17 CAS: 111-40-0 EINECS: 203-865-4 NC: 2921 29 00 UN: 2079
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H312-H302-H314-H317

1l-0,951kg 1kg-1,051l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,950-0,952
Water (H₂O) 0,3 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
15A765.1611	1000 ml	6
15A765.1214	5 l	4
15A765.0716	25 l	

Diethyltriaminepentacetic Acid PA

C₁₄H₂₄N₃O₁₀

M: 393,35 CAS: 67-43-6 EINECS: 200-652-8 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay (Compl.) 99 %
Identity IR p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NaOH 1 mol/l p/t
Heavy metals (as Pb) 0,0005 %
Ba 0,0005 %
Ca 0,01 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,001 %
K 0,05 %
Mg 0,002 %
Mn 0,0005 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
124745.1208	100 g	6
124745.1210	500 g	6

Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,714kg 1kg-1,401l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Density at 20/4 0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Peroxides (as H₂O₂) 0,0001 %*
Ethanol (G.C.) ~2 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,05 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	220 (Cut off)	230	250	280	300-400
A (AU)	1,000	0,456	0,102	0,071	0,009
T (%)	10	35	79	85	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2,0	2,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 2,8
Eluotopic value E°(Al₂O₃) 0,38
Sol. H₂O in solv. at 20°C 1,3
P' + 0,25 E 4,0

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

Order code	Package	Units/Box st.
362551.1611	1000 ml	6

Diethyl Ether stabilized with ethanol (PAR) PAI

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,714kg 1kg-1,401l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Peroxides (as H₂O₂) 0,0001 %*
Ethanol (G.C.) ~2 %
Acidity 0,0002 meq/g
Water (H₂O) 0,1 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
*At the moment of the batch analysis

Order code Package Units/Box st.

Order code	Package	Units/Box st.
322551.1611	1000 ml	6

Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155
IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg-1,399l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
Identity IR p/t
Density at 20/4 0,713-0,715

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Peroxides (as H₂O₂) 0,00003 %*
Acetone (G.C.) 0,005 %
Ethanol (G.C.) 0,05 %
Methanol (G.C.) 0,02 %
Darkened substances by H₂SO₄ p/t
Acidity 0,0002 meq/g
Carbonyl compounds (as HCHO) 0,001 %
Water (H₂O) 0,0075 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Ga 0,02	S 0,2
Al 0,5	Ge 0,05	Sb 0,02
As 0,05	Hg 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,02	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,02
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	P 0,2	
Cu 0,02	Pb 0,1	
Fe 0,1	Pt 0,02	

*At the moment of the batch analysis

Order code Package Units/Box st.

Order code	Package	Units/Box st.
482770.0311	1000 ml	6

Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
 Identity IR p/t.
 Density at 20/20 0,713-0,715
 Boiling range 34-35°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Peroxides (as H₂O₂) 0,00003 %*
 Acetone (G.C.) 0,005 %
 Ethanol (G.C.) 0,05 %
 Methanol (G.C.) 0,02 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,0002 meq/g
 Carbonyl compounds (as HCHO) 0,001 %
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Fe.....0,1	Pb .....0,1
Al .....0,5	Ga .....0,02	Pt .....0,02
As .....0,05	Ge .....0,05	S .....0,2
Au .....0,05	Hg .....0,05	Sb .....0,02
B .....0,02	In .....0,05	Si .....0,2
Ba .....0,1	K .....0,1	Sn .....0,1
Be .....0,02	Li .....0,05	Sr .....0,2
Bi .....0,05	Mg .....0,1	Ti .....0,02
Ca .....0,5	Mn .....0,02	Tl .....0,02
Cd .....0,05	Mo .....0,02	V .....0,02
Co .....0,02	Na .....0,5	Zn .....0,1
Cr .....0,02	Ni .....0,02	Zr .....0,02
Cu .....0,1	P .....0,2	

*At the moment of the batch analysis

Order code	Package	Units/Box st.
132770.0311	1000 ml	6
132770.0314	5 l	4
132770.0316	25 l	

Diethyl Ether stabilized with ~6 ppm of BHT PRS

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg~1,399l

SPECIFICATIONS:

Assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 0,713-0,715
 Non-volatile matter 0,005 %
 Peroxides (as H₂O₂) 0,0001 %*
 Acetone (G.C.) 0,01 %
 Ethanol (G.C.) 0,1 %
 Methanol (G.C.) 0,05 %
 Acidity 0,001 meq/g
 Water (H₂O) 0,2 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
142770.0311	1000 ml	6
142770.0314	5 l	4
142770.0616	25 l	

Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Distillation range 34,0-35,0°C
 Identity according to Pharmacopoeias p/t.
 Density at 20/20 0,714-0,716

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,002 %
 Peroxides (as H₂O₂) p/t.*
 Acidity p/t.
 Carbonyl compounds p/t.
 Odorous substances p/t.
 Water (H₂O) 0,2 %
 Residual solvents (Ph.Eur.) p/t.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
192770.1608	100 ml	6
192770.0311	1000 ml	6

Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg~1,399l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
 Identity IR p/t.
 Density at 20/4 0,713-0,715
 Non-volatile matter 0,002 %
 Peroxides (as H₂O₂) 0,0001 %*
 Water (H₂O) 0,05 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
162770.0311	1000 ml	6
162770.0314	5 l	4
162770.0616	25 l	
162770.0619	200 l	

Diethyl Ether stabilized with ~6 ppm of BHT QP

C₂H₅OC₂H₅

M: 74,12 CAS: 60-29-7 EINECS: 200-467-2 NC: 2909 11 00 UN: 1155

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,715kg 1kg~1,399l

SPECIFICATIONS:

Assay (G.C.) 99,5 %
 Density at 20/4 0,713-0,717
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
212770.0311	1000 ml	6
212770.0314	5 l	4
212770.0616	25 l	
212770.0619	200 l	

Diethylketone, 99% PS

C₅H₁₀O

M: 86,13 CAS: 96-22-0 EINECS: 202-490-3 NC: 2914 19 90 UN: 1156

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H335-EUH066-H336

1l-0,814kg 1kg~1,229l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,813-0,815

Order code	Package	Units/Box st.
15A763.1608	100 ml	6
15A763.1610	500 ml	6

Diethyl Malonate, 99% PS

$C_7H_{12}O_4$
 M: 146,17 CAS: 105-53-3 EINECS: 203-305-9 NC: 2917 19 10
 1l~1,052kg 1kg~0,950l
 SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
15A175.1610	500 ml	6

Diethyl Octanedioate

(see Diethyl Suberate)

Diethyl Oxalate, 98,5% PS

$(COO.C_2H_5)_2$
 M: 146,14 CAS: 95-92-1 EINECS: 202-464-1 NC: 2917 11 00 UN: 2525
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Warning

H302-H319
 1l~1,079kg 1kg~0,927l
 SPECIFICATIONS:
 Minimum assay (G.C.) 98,5 %
 Identity IR p/t.
 Density at 20/4 1,076-1,079
 Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A767.1611	1000 ml	6
15A767.1214	5 l	4
15A767.0716	25 l	

Diethyl Oxide

(see Diethyl Ether)

Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX

$C_{12}H_{14}O_4$
 M: 222,24 CAS: 84-66-2 EINECS: 201-550-6 NC: 2917 34 00
 RTECS: T1 1050000 VLA-ED: 5 mg/m³
 Signal Word: Warning

H319-H335-H315
 1l~1,118kg 1kg~0,894l
 SPECIFICATIONS:
 Assay (Acidim.) 99,0-101,0 %
 Identity according to Pharmacopoeias p/t.
 Density at 20/20 1,118-1,121
 Refractive index n_{20}^D 1,500-1,505
 MAXIMUM LIMIT OF IMPURITIES
 Appearance p/t.
 Residue on ignition (as SO₂) 0,02 %
 Acidity p/t.
 Water (H₂O) 0,2 %
 Related substances p/t.

Order code	Package	Units/Box st.
192372.0716	25 l	

Diethyl Phthalate, 99% PS

$C_{12}H_{14}O_4$
 M: 222,24 CAS: 84-66-2 EINECS: 201-550-6 NC: 2917 34 00
 Signal Word: Warning

H319-H335-H315
 1l~1,118kg 1kg~0,894l
 SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,117-1,119
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
15A766.1211	1000 ml	6
15A766.1212	2,5 l	4
15A766.0716	25 l	

Diethyl Suberate, 98% PS

$C_{12}H_{22}O_4$
 M: 230,31 CAS: 2050-23-9 EINECS: 218-084-4 NC: 2917 19 90
 1l~0,982kg 1kg~1,018l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B999.1607	50 ml	6
15B999.1609	250 ml	6

Diethyl Sulphate, 99% PS

$C_8H_{18}O_4S$
 M: 154,19 CAS: 64-67-5 EINECS: 200-589-6 NC: 2920 90 10 UN: 1594
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger

H350-H340-H332-H312-H302-H314
 1l~1,177kg 1kg~0,850l
 SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
15B003.1611	1000 ml	6

Diethyl D(-)-Tartrate, 99% PS

$C_8H_{16}O_6$
 M: 206,19 CAS: 13811-71-7 EINECS: 237-458-8 NC: 2918 13 00
 1l~1,205kg 1kg~0,830l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A240.1604	5 ml	6
15A240.1606	25 ml	6

Diethyl L(+)-Tartrate, 99% PS

$C_8H_{16}O_6$
 M: 206,19 CAS: 87-91-2 EINECS: 201-783-3 NC: 2918 13 00
 1l~1,204kg 1kg~0,831l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A241.1608	100 ml	6
15A241.1610	500 ml	6

2',4'-Difluoroacetophenone, 98% PS

$C_8H_6F_2O$
 M: 156,13 CAS: 364-83-0 EINECS: 206-667-6 NC: 2914 39 00
 Signal Word: Warning

H319-H335-H315
 1l~1,232kg 1kg~0,812l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A333.1603	1 ml	6
15A333.1604	5 ml	6

3',4'-Difluoroacetophenone, 98% PS

$C_8H_6F_2O$
 M: 156,13 CAS: 369-33-5 EINECS: 206-717-7 NC: 2914 39 00
 Signal Word: Warning

H319-H335-H315
 1l~1,246kg 1kg~0,803l
 SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C042.1603	1 ml	6
15C042.1604	5 ml	6

2,4-Difluoroaniline, 99% PS

$C_6H_6F_2N$
 M: 129,11 CAS: 367-25-9 EINECS: 206-687-5 NC: 2921 42 10
 1l~1,282kg 1kg~0,780l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B547.1605	10 ml	6
15B547.1606	25 ml	6

3,4-Difluorobenzaldehyde, 98% PS

C₈H₆F₂CHO

M: 142,11 CAS: 34036-07-2 NC: 2913 00 00

Signal Word: Warning



H319-H335-H315

1l-1,288kg 1kg-0,776l

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15A010.1604	5 ml		6
15A010.1606	25 ml		6

3,5-Difluorobenzaldehyde, 98% PS

C₇H₄F₂O

M: 142,10 CAS: 32085-88-4 NC: 2913 00 00 UN: 1989

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15C086.1603	1 g		6
15C086.1604	5 g		6

1,2-Difluoro-4-Nitrobenzene, 98,5% PS

C₆H₃F₂NO₂

M: 159,09 CAS: 369-34-6 EINECS: 206-718-2 NC: 2904 90 85

Signal Word: Danger



H319-H335-H315-H334-H317

1l-1,437kg 1kg-0,696l

SPECIFICATIONS:

Assay 98,5 %
Identity IR p/t.

Order code Package Units/Box st.

15B958.1604	5 ml		6
15B958.1606	25 ml		6

1,3-Difluoro-4-Nitrobenzene, 98% PS

C₆H₃F₂NO₂

M: 159,09 CAS: 446-35-5 EINECS: 207-167-0 NC: 2904 90 85 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H373

1l-1,450kg 1kg-0,690l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15B831.1606	25 ml		6
15B831.1608	100 ml		6

2,4-Difluoronitrobenzene

(see 1,3-Difluoro-4-Nitrobenzene)

3,4-Difluoronitrobenzene

(see 1,2-Difluoro-4-Nitrobenzene)

Diglycine

(see Glycylglycine)

Di-n-Heptyl Phthalate, 98% PS

C₂₂H₃₄O₄

M: 362,50 CAS: 3648-21-3 EINECS: 222-885-4 NC: 2917 34 90

1l-0,992kg 1kg-1,008l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15C000.1605	10 ml		6
15C000.1607	50 ml		6

10,11-Dihydro-5H-Dibenz[b,f]Azepine

(see Iminodibenzyl)

Dihydro-2,5-Furandione

(see Succinic Anhydride)

9,10-Dihydro-9-Oxoanthracene

(see Anthrone)

3,4-Dihydro-2H-Pyran, 98% PS

C₅H₆O

M: 84,12 CAS: 110-87-2 EINECS: 203-810-4 NC: 2932 99 85 UN: 2376

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H332-H319-H315

1l-0,928kg 1kg-1,077l

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t.
Density at 20/4 0,926-0,929
Water (H₂O) 0,5 %

Order code Package Units/Box st.

15A638.1608	100 ml		6
15A638.1610	500 ml		6

(2R)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Dihydroresorcinol

(see 1,3-Cyclohexanedione)

1,2-Dihydroxyanthraquinone

(see Alizarin)

3,4-Dihydroxybenzaldehyde, 98% PS

C₇H₆O₃

M: 138,12 CAS: 139-85-5 EINECS: 205-377-7 NC: 2912 30 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A438.1606	25 g		6
15A438.1608	100 g		6

1,2-Dihydroxybenzene

(see Pyrocatechol)

1,3-Dihydroxybenzene

(see Resorcinol)

1,4-Dihydroxybenzene

(see Hydroquinone)

3,4-Dihydroxybenzoic Acid, 98% PS

C₇H₆O₄

M: 154,12 CAS: 99-50-3 EINECS: 202-760-0 NC: 2918 29 30

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A437.1606	25 g		6
15A437.1608	100 g		6

3,5-Dihydroxybenzoic Acid, 99% PS

C₇H₆O₄

M: 154,12 CAS: 99-10-5 EINECS: 202-730-7 NC: 2918 99 90

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.
Melting range 235-237°C

Order code Package Units/Box st.

15B604.1206	25 g		6
15B604.1208	100 g		6
15B604.1211	1000 g		6

1,3-Dihydroxybutane

(see 1,3-Butanediol)

1,4-Dihydroxybutane

(see 1,4-Butanediol)

3,4-Dihydroxycinnamic Acid

(see Caffeic Acid)

2,2'-Dihydroxydiethyl Ether

(see Diethylene Glycol)

2,6-Dihydroxyisonicotinic Acid

(see Citrazinic Acid)

D(-)-Dihydroxysuccinic Acid

(see D(-)-Tartaric Acid)

1,8-Dihydroxy-2-(4-Sulphophenylazo)-3,6-Naphthalenedisulphonic Acid Trisodium Salt

(see SPADNS)

3,5-Dihydroxytoluene 1-hydrate, 99% PS

$C_7H_8O_2 \cdot H_2O$

M: 142,16 CAS: 6153-39-5 EINECS: 207-984-2 NC: 2907 29 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Melting range 56-58°C

Order code **Package** **Units/Box st.**

15A639.1206	25 g		6
15A639.1208	100 g		6

Diiodomethane, 99% stabilized with copper PS

CH_2I_2

M: 267,87 CAS: 75-11-6 EINECS: 200-841-5 NC: 2903 39 90 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H332

SPECIFICATIONS:

1l-3,322kg 1kg-0,301l
 Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 3,318-3,325

Order code **Package** **Units/Box st.**

15A779.1608	100 g		6
15A779.1610	500 g		6

Di-Isobutylketone PRS

$CO(CH_3)_4(CHCH_3)_2$

M: 142,24 CAS: 108-83-8 EINECS: 203-620-1 NC: 2914 19 90 UN: 1157

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H335

1l-0,808kg 1kg~1,238l

SPECIFICATIONS:

Assay isomer mixture (G.C.) 94 %
 Identity IR p/t
 Density at 20/4 0,806-0,810
 Non-volatile matter 0,01 %
 Water (H₂O) 0,2 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code **Package** **Units/Box st.**

141290.1611	1000 ml		6
141290.1214	5 l		4
141290.0716	25 l		

Di-Isobutylketone PS

$CO(CH_3)_4(CHCH_3)_2$

M: 142,24 CAS: 108-83-8 EINECS: 203-620-1 NC: 2914 19 90 UN: 1157

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H335

1l-0,808kg 1kg~1,238l

SPECIFICATIONS:

Assay 94 %
 Identity IR p/t

Order code **Package** **Units/Box st.**

151290.1606	25 ml		6
151290.1608	100 ml		6

Di-Isopropanolamine, 99% PS

$C_3H_8NO_2$

M: 133,19 CAS: 110-97-4 EINECS: 203-820-9 NC: 2922 19 80

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mixture) 99 %
 Identity IR p/t
 Water (H₂O) 0,1 %

Order code **Package** **Units/Box st.**

15A770.1209	250 g		6
15A770.1211	1000 g		6

Di-Isopropylamine, 99% PS

$C_6H_{15}N$

M: 101,19 CAS: 108-18-9 EINECS: 203-558-5 NC: 2921 19 80 UN: 1158

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H314

1l-0,716kg 1kg~1,396l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 0,715-0,717
 Water (H₂O) 0,3 %

Order code **Package** **Units/Box st.**

15A771.1611	1000 ml		6
15A771.1612	2,5 l		4
15A771.1214	5 l		4
15A771.0716	25 l		

N,N'-Diisopropylcarbodiimide, 98% PS

$C_7H_{14}N_2$

M: 126,20 CAS: 693-13-0 EINECS: 211-743-7 NC: 2925 19 95 UN: 2929

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 603 CAO: 604

Signal Word: Danger



H226-H330-H318

1l-0,81kg 1kg~1,23l

SPECIFICATIONS:

Assay (G.C.) 98 %
 Identity IR p/t
 Density at 20/4 0,812-0,814

Order code **Package** **Units/Box st.**

15A448.1606	25 ml		6
15A448.1608	100 ml		6

Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS

$(CH_3)_2CHOCH(CH_3)_2$

M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-EUH066-H336

1l-0,721kg 1kg~1,387l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Density at 20/4 0,720-0,723

MAXIMUM LIMIT OF IMPURITIES

APHA colour 25
 Non-volatile matter 0,005 %
 Peroxides (as H₂O₂) 0,005 %*
 Acetone (G.C.) 0,05 %
 2-Propanol (G.C.) 0,3 %
 Acidity 0,0004 meq/g
 Water (H₂O) 0,1 %

*At the moment of the batch analysis

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pt 0,05
Al 0,5	Ge 0,05	Sb 0,02
As 0,1	Hg 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,02	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,02
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	P 0,2	
Cu 0,02	Pb 0,1	

Order code **Package** **Units/Box st.**

131314.1611	1000 ml		6
131314.1612	2,5 l		4
131314.0314	5 l		4

Di-Isopropyl Ether stabilized with ~50 ppm of BHT PRS

(CH₃)₂CHOCH(CH₃)₂
 M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-EUH019-EUH066-H336

1l-0,721kg 1kg-1,387l
SPECIFICATIONS:
 Assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,720-0,723
 Non-volatile matter 0,01 %
 Acetone (G.C.) 0,1 %
 2-Propanol (G.C.) 0,5 %
 Acidity 0,0008 meq/g
 Water (H₂O) 0,3 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141314.1611	1000 ml	6
141314.0314	5 l	4
141314.0616	25 l	

Di-Isopropyl Ether, 99% stabilized with ~50 ppm of BHT PS

(CH₃)₂CHOCH(CH₃)₂
 M: 102,18 CAS: 108-20-3 EINECS: 203-560-6 NC: 2909 19 00 UN: 1159
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-EUH019-EUH066-H336

1l-0,721kg 1kg-1,387l
SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,720-0,723
 Non-volatile matter 0,005 %
 Peroxides (as H₂O₂) 0,005 %*
 Water (H₂O) 0,1 %
 *At the moment of the batch analysis

Order code	Package	Units/Box st.
161314.1611	1000 ml	6
161314.0314	5 l	4
161314.0616	25 l	

N,N-Diisopropylethylamine

(see N-Ethyl Di-Isopropylamine)

Diisopropyl D(-)-Tartrate, 98% PS

C₁₀H₁₈O₆
 M: 234,25 CAS: 62961-64-2 EINECS: 263-771-4 NC: 2918 13 00
 1l-1,190kg 1kg-0,84l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A242.1605	10 ml	6
15A242.1607	50 ml	6

Diisopropyl L(+)-Tartrate, 98% PS

M: 234,25 CAS: 2217-15-4 EINECS: 218-709-0 NC: 2918 13 00
 1l-1,14kg 1kg-0,87l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A243.1606	25 ml	6
15A243.1608	100 ml	6

Dimedone PA

aldehyde reagent
 C₈H₁₂O₂
 M: 140,18 CAS: 126-81-8 EINECS: 204-804-4 NC: 2914 29 00

SPECIFICATIONS:
 Identity IR p/t.
 Melting range 145-150°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in C₂H₅OH p/t.
 Residue on ignition (as SO₃) 0,1 %

Order code	Package	Units/Box st.
121291.1606	25 g	6

3,4-Dimethoxybenzonitrile, 98% PS

C₈H₈NO₂
 M: 163,18 CAS: 2024-83-1 EINECS: 217-969-2 NC: 2926 90 95 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332-H312-H302

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B876.1606	25 g	6
15B876.1608	100 g	6

2,3-Dimethoxycinnamic Acid, 97% PS

C₁₁H₁₂O₄
 M: 208,22 CAS: 7345-82-6 NC: 2916 39 00
 Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:
 Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C139.1604	5 g	6
15C139.1606	25 g	6

2,5-Dimethoxycinnamic Acid, 99% PS

C₁₁H₁₂O₄
 M: 208,22 CAS: 10538-51-9 EINECS: 234-114-9 NC: 2916 39 00
 Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C144.1606	25 g	6
15C144.1608	100 g	6

1,2-Dimethoxyethane

(see Ethylene Glycol di-Methyl Ether)

Dimethoxymethane

(see Formaldehyde Dimethylacetal)

2,2-Dimethoxypropane, 98% PS

(CH₃)₂CH(OCH₃)₂
 M: 104,15 CAS: 77-76-9 EINECS: 201-056-0 NC: 2911 00 00 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H319-H335-H315

1l-0,847kg 1kg-1,180l
SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A121.1610	500 ml	6
15A121.1612	2,5 l	4

N,N-Dimethylacetamide (UV-IR-HPLC) PAI

C₄H₉NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0005 %

Water (H₂O) 0,02 %

Suitability for IR spectrometry p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	270 (Cut off)	280	290	310	320	360-450
A (AU)	1,000	0,301	0,155	0,051	0,032	0,009
T (%)	10	50	70	89	93	98

Suitability for HPLC-gradient

λ (nm)	280	320	360
mAu	150	10	2,5

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 6,5

Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

363145.1611 1000 ml 6

363145.1612 2,5 l 4

N,N-Dimethylacetamide (Reag. Ph. Eur.) PA

C₄H₉NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity IR p/t.

Density at 20/4 0,940-0,944

Distillation range 164,5-167,5°C

pH 20% solution 4,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,001 %

Water (H₂O) 0,05 %

Chloride (Cl) 0,001 %

Sulphate (SO₄) 0,001 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code Package Units/Box st.

123145.1611 1000 ml 6

N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX

C₄H₉NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t.

Non-volatile matter 0,002 %

Acidity p/t.

Alkalinity p/t.

Related substances:

Individual impurity 0,1 %

Total impurities 0,3 %

Water (H₂O) 0,1 %

Heavy metals (as Pb) 0,001 %

Residual solvents (Ph.Eur./USP) p/t.

Order code Package Units/Box st.

143145.1611 1000 ml 6

143145.1214 5 l 4

143145.0716 25 l 4

N,N-Dimethylacetamide, 99% PS

C₄H₉NO

M: 87,12 CAS: 127-19-5 EINECS: 204-826-4 NC: 2924 19 00

Signal Word: Danger



H360D-H332-H312

1l~0,942kg 1kg~1,062l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Density at 20/4 0,940-0,944

Water (H₂O) 0,2 %

Order code Package Units/Box st.

163145.1611 1000 ml 6

163145.1612 2,5 l 4

163145.1214 5 l 4

163145.0716 25 l 4

163145.0719 200 l 4

Dimethylamine solution 40% PS

(CH₃)₂NH

M: 45,08 CAS: 124-40-3 EINECS: 204-697-4 NC: 2921 11 10 UN: 1160

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H314

1l~0,886kg 1kg~1,129l

SPECIFICATIONS:

Assay (Acidim.) ~40 %

Density at 20/4 0,884-0,887

Order code Package Units/Box st.

15A772.1611 1000 ml 6

15A772.1214 5 l 4

4-(Dimethylamino) Azobenzene (C.I. 11020) PA

pH indicator 2,9 red; 4,0 yellow

C₁₄H₁₅N₃

M: 225,30 CAS: 60-11-7 EINECS: 200-455-7 NC: 2927 00 00 UN: 3143

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H351

SPECIFICATIONS:

Identity IR p/t.

λ of max. ABS in HCl 0,1 mol/l 508-512 nm

A 1%, 1 cm, λ_{max} >1250

T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

red 2,9

yellow 4,0

Loss on drying at 105°C 5 %

Order code Package Units/Box st.

121292.1606 25 g 6

4-(Dimethylamino) Azobenzene solution 0,5%

(see Methyl Yellow solution 0,5%)

4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS

(CH₃)₂NC₆H₄CHO

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t.

Melting range 73-75°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.

Colour APHA of alcoholic solution 60

Insoluble matter in HCl p/t.

Colour of acid solution p/t.

Residue on ignition (as SO₂) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ca 10

Cd 5

Co 5

Cr 5

Cu 5

Fe 100

K 50

Mg 5

Mn 5

Na 500

Ni 5

Pb 5

Zn 50

Order code Package Units/Box st.

131293.1606 25 g 6

131293.1608 100 g 6

4-(Dimethylamino) Benzaldehyde PA

$(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Melting range 73-75°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl p/t.
 Residue on ignition (as SO_2) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ca 50
 Cd 5
 Co 5
 Cr 5
 Cu 5
 Fe 100
 K 50
 Mg 5
 Mn 5
 Na 500
 Ni 5
 Pb 5
 Zn 50

Order code	Package	Units/Box st.
121293.1606	25 g	6
121293.1608	100 g	6

4-(Dimethylamino) Benzaldehyde, 99% PS

$(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$

M: 149,19 CAS: 100-10-7 EINECS: 202-819-0 NC: 2922 39 00

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 73-75°C

Order code	Package	Units/Box st.
161293.1608	100 g	6
161293.1609	250 g	6

(Dimethylamino) Benzene

(see N,N-Dimethylaniline)

2-(Dimethylamino) Isopropyl Chloride Hydrochloride, 98% PS

$\text{C}_8\text{H}_{16}\text{Cl}_2\text{N}$

M: 158,07 CAS: 4584-49-0 EINECS: 224-971-7 NC: 2921 19 80

Signal Word: Warning

H302

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B584.1208	100 g	6
15B584.1210	500 g	6

4-(Dimethylamino) Pyridine, 99% PS

$\text{C}_7\text{H}_{10}\text{N}_2$

M: 122,17 CAS: 1122-58-3 EINECS: 214-353-5 NC: 2933 39 99 UN: 2928

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger

H311-H301-H319-H315

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A021.1604	5 g	6
15A021.1606	25 g	6
15A021.1608	100 g	6

N,N-Dimethylaniline PA

$\text{C}_8\text{H}_9\text{N}$

M: 121,18 CAS: 121-69-7 EINECS: 204-493-5 NC: 2921 42 90 UN: 2253

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger

H331-H311-H301-H351-H411

1l-0,958kg 1kg-1,044l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,955-0,960

MAXIMUM LIMIT OF IMPURITIES

Aniline (G.C.) 0,1 %
 Hydrocarbons p/t.
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
121294.1609	250 ml	6
121294.1611	1000 ml	6

N,N-Dimethylaniline, 99% PS

$\text{C}_8\text{H}_9\text{N}$

M: 121,18 CAS: 121-69-7 EINECS: 204-493-5 NC: 2921 42 90 UN: 2253

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger

H331-H311-H301-H351-H411

1l-0,958kg 1kg-1,044l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,955-0,960
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161294.1611	1000 ml	6

Dimethylarsinic Acid Sodium Salt

(see Cacodylic Acid Sodium Salt 3-hydrate)

Dimethylbenzene

(see Xylene mixture of isomers)

1,2-Dimethylbenzene

(see o-Xylene)

1,3-Dimethylbenzene

(see m-Xylene)

1,4-Dimethylbenzene

(see p-Xylene)

3,3'-Dimethylbenzidine

(see o-Tolidine)

2,5-Dimethylbenzoic Acid, 98% PS

$\text{C}_9\text{H}_{10}\text{O}_2$

M: 150,17 CAS: 610-72-0 EINECS: 210-235-2 NC: 2916 31 00

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C001.1605	10 g	6
15C001.1607	50 g	6

3,5-Dimethylbenzoic Acid, 98% PS

$\text{C}_9\text{H}_{10}\text{O}_2$

M: 150,18 CAS: 499-06-9 EINECS: 207-876-5 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A304.1606	25 g	6

Dimethyl Carbonate, 99% PS

C₃H₆O₃

M: 90,08 CAS: 616-38-6 EINECS: 210-478-4 NC: 2920 90 85 UN: 1161
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-1,069kg 1kg~0,935l

SPECIFICATIONS:

Minimum assay 99 %

Order code Package Units/Box st.

15A158.1609	250 ml		6
15A158.1611	1000 ml		6

4-(1,1-Dimethylethyl)-1,2-Benzenediol

(see 4-tert-Butylprocatechol)

N,N'-Dimethylethyleneurea

(see 1,3-Dimethyl-2-Imidazolidinone)

1,1-Dimethylethylhydroperoxide

(see tert-Butyl Hydroperoxide)

N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS

(CH₃)₂NCHO

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360D-H332-H312-H319

1l-0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0003 %

Acidity 0,0005 meq/g

Alkalinity 0,0002 meq/g

Water (H₂O) 0,05 %

Suitability for IR spectrometry p/t.

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	270 (Cut off)	275	290	300	330-450
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 6,4

Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361785.1611	1000 ml		6
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N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO

(CH₃)₂NCHO

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360D-H332-H312-H319

1l-0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %

Identity IR p/t.

Density at 20/4 0,946-0,950

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15

Non-volatile matter 0,005 %

Diethylamine (G.C.) 0,05 %

Dimethylamine (G.C.) 0,05 %

Methanol (G.C.) 0,05 %

Acidity 0,0005 meq/g

Alkalinity 0,0005 meq/g

Water (H₂O) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

481785.1611	1000 ml		6
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N,N-Dimethylformamide (Reag. Ph. Eur.)

PA-ACS-ISO

(CH₃)₂NCHO

M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360D-H332-H312-H319

1l-0,948kg 1kg~1,055l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %

Identity IR p/t.

Density at 20/20 0,949-0,952

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15

Non-volatile matter 0,005 %

Diethylamine (G.C.) 0,05 %

Dimethylamine (G.C.) 0,05 %

Methanol (G.C.) 0,05 %

Acidity 0,0005 meq/g

Alkalinity 0,0005 meq/g

Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

131785.1611	1000 ml		6
131785.1612	2,5 l		4
131785.1214	5 l		4
131785.0716	25 l		

N,N-Dimethylformamide PRS

(CH₃)₂NCHO
 M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H360D-H332-H312-H319

1l-0,948kg 1kg-1,055l

SPECIFICATIONS:

Assay (G.C.)..... 99 %
 Identity..... IR p/t.
 Density at 20/4 0,946-0,950
 Non-volatile matter 0,05 %
 Diethylamine (G.C.)..... 0,1 %
 Dimethylamine (G.C.)..... 0,1 %
 Methanol (G.C.) 0,1 %
 Water (H₂O) 0,3 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141785.1611	1000 ml	6
141785.1612	2,5 l	4
141785.1214	5 l	4
141785.0716	25 l	4

N,N-Dimethylformamide, 99,8% PS

(CH₃)₂NCHO
 M: 73,10 CAS: 68-12-2 EINECS: 200-679-5 NC: 2924 19 00 UN: 2265
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H360D-H332-H312-H319

1l-0,948kg 1kg-1,055l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity..... IR p/t.
 Density at 20/4 0,946-0,950
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161785.1611	1000 ml	6
161785.1612	2,5 l	4
161785.1214	5 l	4
161785.0716	25 l	4
161785.0719	200 l	4

N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI

(CD₃)₂NCHO
 M: 80,14 CAS: 4472-41-7 EINECS: 224-745-8 NC: 2845 90 10 UN: 2265
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H360D-H332-H312-H319

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Deuteration degree min. 99,5 %
 NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O)..... 0,05 %

Order code	Package	Units/Box st.
745855.02130	10 x 0,75 ml	6
745855.1605	10 ml	6

N,N-Dimethylformamide-Dimethylacetal CG

for derivatization (GC)
 C₅H₁₂NO₂
 M: 119,16 CAS: 4637-24-5 EINECS: 225-063-3 NC: 2922 50 00 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H332-H319-H315

1l-0,895kg 1kg-1,117l

SPECIFICATIONS:

Minimum assay (G.C.) 96 %
 Identity..... IR p/t.
 Density at 20/4 0,893-0,897
 Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355600.0922	20 x 1 ml	6
355600.1905	10 ml	6

N,N-Dimethylformamide-Dimethylacetal, 95% PS

C₅H₁₂NO₂
 M: 119,16 CAS: 4637-24-5 EINECS: 225-063-3 NC: 2922 50 00 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H332-H319-H315

1l-0,895kg 1kg-1,117l

SPECIFICATIONS:

Assay 95 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
155600.1606	25 ml	6
155600.1608	100 ml	6
155600.1610	500 ml	6

Dimethyl Fumarate, 98% PS

C₈H₈O₄
 M: 144,13 CAS: 624-49-7 EINECS: 210-849-0 NC: 2917 19 90
 Signal Word: Warning

H312-H319-H335-H315-H317

SPECIFICATIONS:

Assay 98 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
15C036.1206	25 g	6
15C036.1208	100 g	6

Dimethylglycol

(see Ethylene Glycol di-Methyl Ether)

Dimethylglyoxal

(see 2,3-Butanedione)

Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS

C₄H₈N₂O₂
 M: 116,12 CAS: 95-45-4 EINECS: 202-420-1 NC: 2928 00 90
 Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Gravim.) 99,0 %
 Identity..... IR p/t.
 Melting range 238-242°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH 0,02 %
 Loss on drying at 110°C 1 %
 Residue on ignition (as SO₂) 0,05 %
 Sensitivity to Ni p/t.
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131295.1208	100 g	6
131295.1210	500 g	6

Dimethylglyoxime di-Sodium Salt 8-hydrate PA

C₄H₈N₂Na₂O₂·8H₂O
 M: 304,21 CAS: 75006-64-3 EINECS: 262-523-2 NC: 2928 00 90
 Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Perchl. Ac.) 98-102 %
 Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Sensitivity to Ni p/t.

Order code	Package	Units/Box st.
121594.1208	100 g	6
121594.1210	500 g	6

1,3-Dimethyl-2-Imidazolidinone, 98% PS

C₅H₁₀N₂O

M: 114,15 CAS: 80-73-9 EINECS: 201-304-8 NC: 2933 29 90

Signal Word: Warning



H312-H302-H319

1l~1,044kg 1kg~0,958l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code Package Units/Box st.

15B523.1608	100 ml		6
15B523.1610	500 ml		6

3,7-Dimethyl-1,6-Octadien-3-ol

(see Linalool)

3,7-Dimethyl-2,6-Octadien-1-ol

(see Geraniol)

3,7-Dimethyl-1,6-Octadien-3-yl Acetate

(see Linalyl Acetate)

2,9-Dimethyl-1,10-Phenanthroline

(see Neocuproin)

3,5-Dimethylphenol, 99% PS

C₈H₁₀O

M: 122,17 CAS: 108-68-9 EINECS: 203-606-5 NC: 2907 19 90 UN: 2261

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H311-H301-H314

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Melting range 61-64°C

Order code Package Units/Box st.

15A640.1608	100 g		6
15A640.1610	500 g		6

Dimethyl Phthalate, 99% PS

(COOCH₃)₂C₆H₄

M: 194,19 CAS: 131-11-3 EINECS: 205-011-6 NC: 2917 34 90

H412

1l~1,192kg 1kg~0,839l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 1,190-1,195
Water (H₂O) 0,1 %

Order code Package Units/Box st.

15A774.1211	1000 ml		6
15A774.1212	2,5 l		4
15A774.0716	25 l		

2,6-Dimethylpyridine, 98% PS

C₇H₉N

M: 107,16 CAS: 108-48-5 EINECS: 203-587-3 NC: 2933 39 99 UN: 2929

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Warning



H226-H302

1l~0,923kg 1kg~1,083l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 0,922-0,924

Order code Package Units/Box st.

15A623.1608	100 ml		6
15A623.1610	500 ml		6

2,4-Dimethylquinoline, 97% PS

C₁₁H₁₁N

M: 157,2 CAS: 1198-37-4 EINECS: 214-832-9 NC: 2933 49 90

Signal Word: Warning



H319-H335-H315

1l~1,061kg 1kg~0,942l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.
2,6-Dimethylquinoline + 2,8-Dimethylquinoline 0,5 %
Aniline 0,2 %
Quinaldine 2,5 %
Water (H₂O) 0,2 %

Order code Package Units/Box st.

15C275.1902	0,5 ml		6
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Dimethyl Sulphate, 99% PS

C₂H₆O₄S

M: 126,13 CAS: 77-78-1 EINECS: 201-058-1 NC: 2920 90 10 UN: 1595

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P

Signal Word: Danger



H350-H301-H330-H314-H317-H341

1l~1,327kg 1kg~0,754l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 1,325-1,328

Order code Package Units/Box st.

15A775.1611	1000 ml		6
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Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI

C₂H₆S

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l~1,103kg 1kg~0,907l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Organic volatile impurities p/t
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,1 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	265 (Cut off)	270	280	290	310	330	350-450
A (AU)	1,000	0,523	0,301	0,155	0,009	0,046	0,009
T (%)	10	30	50	70	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	7,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 7,2
Eluotropic value E°(Al₂O₃) 0,75
Sol. H₂O in solv. at 20°C miscible
For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361954.1611	1000 ml		6
361954.1612	2,5 l		4

Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS

C₂H₆OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l-1,103kg 1kg-0,907l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t.
Freezing point ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
Non-volatile matter 0,01 %
Dimethyl Sulfone (G.C.) 0,1 %
Methanol (G.C.) 0,05 %
Acidity 0,001 meq/g
Water (H₂O) 0,03 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481954.1611	1000 ml	6

Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS

C₂H₆OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l-1,103kg 1kg-0,907l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t.
Freezing point ≥18,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
Non-volatile matter 0,01 %
Dimethyl Sulfone (G.C.) 0,1 %
Methanol (G.C.) 0,05 %
Acidity 0,001 meq/g
Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131954.1611	1000 ml	6
131954.1612	2,5 l	4
131954.1214	5 l	4
131954.0716	25 l	

Dimethyl Sulphoxide PRS

C₂H₆OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l-1,103kg 1kg-0,907l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t.
Insoluble matter in H₂O p/t.
Non-volatile matter 0,05 %
Dimethyl Sulfone (G.C.) 0,2 %
Methanol (G.C.) 0,1 %
Acidity 0,002 meq/g
Water (H₂O) 0,2 %
Cu 0,0002 %
Fe 0,0005 %
Ni 0,0002 %
Pb 0,0002 %

Order code	Package	Units/Box st.
141954.1611	1000 ml	6
141954.1612	2,5 l	4
141954.1214	5 l	4
141954.0716	25 l	

Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEx

C₂H₆OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l-1,103kg 1kg-0,907l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity according to Pharmacopoeias p/t.
Density at 20/20 1,100-1,104
Density at 25/25 1,095-1,101
Refractive index 1,478-1,479
Freezing point ≥18,3°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,01 %
Absorbance U.V p/t.
Dimethyl Sulfone (G.C.) 0,03 %
Related substances (G.C.) 0,1 %
Substances darkened by KOH p/t.
Acidity p/t.
Water (H₂O) 0,1 %
Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
191954.1611	1000 ml	6
191954.1612	2,5 l	4
191954.1214	5 l	4
191954.0716	25 l	

Dimethyl Sulphoxide, 99,5% PS

C₂H₆OS

M: 78,13 CAS: 67-68-5 EINECS: 200-664-3 NC: 2930 90 85

1l-1,103kg 1kg-0,907l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Freezing point ≥18,0°C
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161954.1611	1000 ml	6
161954.1612	2,5 l	4
161954.0716	25 l	

Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI

(CD₃)₂SO

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Deuteration degree min 99,95 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,02 %

Order code	Package	Units/Box st.
745862.02130	10 x 0,75 ml	6
745862.1605	10 ml	6

Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI

(CD₃)₂SO

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Deuteration degree min 99,9 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745861.02130	10 x 0,75 ml	6
745861.1605	10 ml	6

Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI

(CD₃)₂SO

M: 84,18 CAS: 2206-27-1 EINECS: 218-617-0 NC: 2845 90 10

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Deuteration degree min 99,8 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745860.02130	10 x 0,75 ml	6
745860.1605	10 ml	6

N,N'-Dimethylurea

(see 1,3-Dimethylurea)

1,3-Dimethylurea, 98% PS

(CH₃NH)₂CO

M: 88,11 CAS: 96-31-1 EINECS: 202-498-7 NC: 2924 19 00

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Melting range 102-105°C

Order code	Package	Units/Box st.
15A593.1210	500 g	6

Dimethyl Yellow

(see 4-(Dimethylamino) Azobenzene)

Dimidium Bromide

(see 3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide)

1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA

(NO₂)₂C₆H₄

M: 168,11 CAS: 99-65-0 EINECS: 202-776-8 NC: 2904 20 00 UN: 3443

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Melting range 89-91°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₁₂H₈ p/t
 Residue on ignition (as SO₂) 0,1 %
 1,2-Dinitrobenzene (G.C.) 0,1 %
 1,4-Dinitrobenzene (G.C.) 0,1 %
 Water (H₂O) 0,5 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
122058.1207	50 g	6

1,3-Dinitrobenzene, 98% PS

(NO₂)₂C₆H₄

M: 168,11 CAS: 99-65-0 EINECS: 202-776-8 NC: 2904 20 00 UN: 3443

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.) a.a.s. 98 %
 Identity IR p/t
 Melting range (a.a.s.) 89-91°C

Order code	Package	Units/Box st.
162058.1209	250 g	6
162058.1211	1000 g	6

m-Dinitrobenzene

(see 1,3-Dinitrobenzene)

3,5-Dinitrobenzoic Acid, 98% PS

C₇H₄N₂O₅

M: 212,12 CAS: 99-34-3 EINECS: 202-751-1 NC: 2916 39 00

Minimum assay (Acidim.) 98 %
 Identity IR p/t
 Melting range 204-208°C

Order code	Package	Units/Box st.
162836.1608	100 g	6
162836.1610	500 g	6

3,5-Dinitrobenzoyl Chloride, 98% PS

C₇H₃ClN₂O₅

M: 230,57 CAS: 99-33-2 EINECS: 202-750-6 NC: 2916 39 00 UN: 3261

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.) 98 %
 Identity IR p/t
 Melting range 68-70°C

Order code	Package	Units/Box st.
15A891.1608	100 g	6

1,3-Dinitro-4-Chlorobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

2,4-Dinitro-1-Chlorobenzene

(see 1-Chloro-2,4-Dinitrobenzene)

2,4-Dinitrophenol moistened with ~33% of H₂O PA

(NO₂)₂C₆H₃OH

M: 184,10 CAS: 51-28-5 EINECS: 200-087-7 NC: 2908 99 90 UN: 1320

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



H331-H311-H301-H373-H400

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Melting range 110-113°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t
 Residue on ignition (as SO₂) 0,05 %
 (Analysis applied to the dry substance)

Order code	Package	Units/Box st.
122443.1606	25 g	6

2,4-Dinitrophenol, 98% moistened with ~33% of H₂O PS

(NO₂)₂C₆H₃OH

M: 184,10 CAS: 51-28-5 EINECS: 200-087-7 NC: 2908 99 90 UN: 1320

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



H331-H311-H301-H373-H400

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Melting range 111-114°C

Order code	Package	Units/Box st.
162443.1608	100 g	6

2,4-Dinitrophenylhydrazine moistened with ~33% of H₂O (Reag. Ph. Eur.) PA

(NO₂)₂C₆H₃NHNH₂

M: 198,14 CAS: 119-26-6 EINECS: 204-309-3 NC: 2928 00 90 UN: 1325

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



EUH001-H302-H319-H315

SPECIFICATIONS:

Minimum assay (HPLC) 99,0 %
 Identity IR p/t
 Melting range 199-202°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂SO₄ 0,01 %
 Residue on ignition (as SO₂) 0,02 %
 Sensitivity to carbonyl group p/t
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %
 (Analysis applied to dry substance)

Order code	Package	Units/Box st.
122325.1606	25 g	6
122325.1608	100 g	6

2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H₂O PS

(NO₂)₂C₆H₃NHNH₂

M: 198,14 CAS: 119-26-6 EINECS: 204-309-3 NC: 2928 00 90 UN: 1325

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



EUH001-H302-H319-H315

SPECIFICATIONS:

Minimum assay (HPLC) 99 %
 Identity IR p/t

Order code	Package	Units/Box st.
162325.1606	25 g	6
162325.1608	100 g	6
162325.1609	250 g	6
162325.1214	5 kg	

3,5-Dinitrosalicylic Acid, 98% PS

C₇H₅N₂O₇
M: 228,12 CAS: 609-99-4 EINECS: 210-204-3 NC: 2918 29 80 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Warning



SPECIFICATIONS:
Minimum assay (Acidim.)..... 98 %
Identity..... IR p/t.
Melting range..... 171-174°C

Order code	Package	Units/Box st.
162837.1608	100 g	6
162837.1609	250 g	6
162837.0914	5 kg	6

2,4-Dinitrotoluene, 96% PS

C₇H₅N₂O₄
M: 182,14 CAS: 121-14-2 EINECS: 204-450-0 NC: 2904 20 00 UN: 3454
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



SPECIFICATIONS:
Minimum assay (G.C.)..... 96 %
Identity..... IR p/t.
Melting range..... 67-68°C

Order code	Package	Units/Box st.
15A621.1608	100 g	6
15A621.1611	1000 g	6

Di-Octyl Phthalate

(see Bis (2-Ethylhexyl) Phthalate)

1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI

C₈H₁₆O₂
M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



SPECIFICATIONS:
Minimum assay (G.C.)..... 99,9 %
Density at 20/4..... 1,032-1,034
MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,0003 %
Peroxides (as H₂O₂)..... 0,005 %*
Acidity..... 0,0002 meq/g
Alkalinity..... 0,0002 meq/g
Water (H₂O)..... 0,02 %
Suitability for IR spectrometry..... p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	215 (Cut off)	225	240	260	268	283	300-450
A (AU)	1,000	0,398	0,301	0,155	0,097	0,046	0,009
T (%)	10	40	50	70	80	90	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity..... 4,8
Elutropic value E^o(Al₂O₃)..... 0,56
Sol. H₂O in solv. at 20°C..... miscible
For critical jobs, purge with nitrogen.
*At the moment of the batch analysis

Order code	Package	Units/Box st.
361296.1611	1000 ml	6

1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO

C₈H₁₆O₂
M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



SPECIFICATIONS:
Minimum assay (G.C.)..... 99,5 %
Identity..... IR p/t.
Density at 20/4..... 1,032-1,034
Freezing point..... ≥11,0°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,005 %
Peroxides (as H₂O₂)..... 0,005 %*
Acetal (G.C.)..... 0,05 %
Acetaldehyde (G.C.)..... 0,005 %
Acidity..... 0,0016 meq/g
Carbonyl (as HCHO)..... 0,01 %
Water (H₂O)..... 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

*At the moment of the batch analysis

Order code	Package	Units/Box st.
481296.1611	1000 ml	6

1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO

C₈H₁₆O₂
M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



SPECIFICATIONS:
Minimum assay (G.C.)..... 99,5 %
Identity..... IR p/t.
Density at 20/4..... 1,032-1,034
Freezing point..... ≥11,0°C

MAXIMUM LIMIT OF IMPURITIES
APHA colour..... 10
Non-volatile matter..... 0,005 %
Peroxides (as H₂O₂)..... 0,005 %*
Acetal (G.C.)..... 0,05 %
Acetaldehyde (G.C.)..... 0,005 %
Acidity..... 0,0016 meq/g
Carbonyl (as HCHO)..... 0,01 %
Water (H₂O)..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

*At the moment of the batch analysis

Order code	Package	Units/Box st.
131296.1611	1000 ml	6
131296.1612	2,5 l	4
131296.0314	5 l	4
131296.0616	25 l	1

1,4-Dioxan stabilized with ~25 ppm of BHT PRS

C₈H₁₆O₂

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066

1l-1,033kg 1kg-0,968l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	1,032-1,034
Non-volatile matter	0,01 %
Acetal (G.C.)	0,1 %
Acetaldehyde (G.C.)	0,01 %
Acidity	0,003 meq/g
Carbonyl (as HCHO)	0,1 %
Peroxides (as H ₂ O ₂)	0,01 %*
Water (H ₂ O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
141296.1611	1000 ml	6
141296.1612	2,5 l	4
141296.0314	5 l	4

1,4-Dioxan, 99,5% stabilized with ~25 ppm of BHT PS

C₈H₁₆O₂

M: 88,11 CAS: 123-91-1 EINECS: 204-661-8 NC: 2932 11 00 UN: 1165
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H351-EUH019-EUH066

1l-1,033kg 1kg-0,968l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	1,032-1,034
Non-volatile matter	0,005 %
Peroxides (as H ₂ O ₂)	0,005 %*
Water (H ₂ O)	0,1 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
161296.1611	1000 ml	6
161296.1612	2,5 l	4
161296.0314	5 l	4
161296.0616	25 l	
161296.0619	200 l	

9,10-Dioxoanthracene

(see Anthraquinone)

1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS

C₃H₆O₂

M: 74,08 CAS: 646-06-0 EINECS: 211-463-5 NC: 2932 11 00 UN: 1166
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-1,066kg 1kg-0,938l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	1,06-1,07
Water (H ₂ O)	0,4 %

Order code	Package	Units/Box st.
15A595.1610	500 ml	6
15A595.1612	2,5 l	4
15A595.1616	25 l	

2,2'-Dioxydiethylamine

(see Diethanolamine)

1,2-Dioxyethane

(see Ethylene Glycol)

DIPEA

(see N-Ethyl Di-Isopropylamine)

Diphenyl

(see Biphenyl)

Diphenylamine (Reag. Ph. Eur.) PA-ACS

(C₁₂H₉)₂NH

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t
Melting range	52,5-54,0°C

MAXIMUM LIMIT OF IMPURITIES

Solubility in C ₂ H ₅ OH	p/t
Residue on ignition (as SO ₂)	0,03 %
Aniline (G.C.)	0,1 %
Nitrate (NO ₃)	p/t
Sensitivity to NO ₂	p/t
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131828.1608	100 g	6

Diphenylamine PA

(C₁₂H₉)₂NH

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Melting range	52-55°C

MAXIMUM LIMIT OF IMPURITIES

Solubility in C ₂ H ₅ OH	p/t
Residue on ignition (as SO ₂)	0,05 %
Aniline (G.C.)	0,1 %
Nitrate (NO ₃)	p/t
Sensitivity to NO ₂	p/t
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121828.1608	100 g	6
121828.1609	250 g	6

Diphenylamine, 98% PS

(C₁₂H₉)₂NH

M: 169,22 CAS: 122-39-4 EINECS: 204-539-4 NC: 2921 44 00 UN: 2811
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H373-H410

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t
Melting range	53-55°C

Order code	Package	Units/Box st.
161828.1609	250 g	6
161828.1610	500 g	6

1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS

C₁₅H₁₄N₂O

M: 242,28 CAS: 140-22-7 EINECS: 205-403-7 NC: 2928 00 90

SPECIFICATIONS:

Minimum assay (HPLC)	98,0 %
Identity	IR p/t
Melting range	173-176°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH ₂ COCH ₃	p/t
Residue on ignition (as SO ₂)	0,05 %
Sensitivity to chromate	p/t

Order code	Package	Units/Box st.
133577.1606	25 g	6
133577.1608	100 g	6

1,5-Diphenylcarbazine PA

redox indicator
 $C_{13}H_{14}N_4O$
 M: 242,28 CAS: 140-22-7 EINECS: 205-403-7 NC: 2928 00 90
 SPECIFICATIONS:
 Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble in CH_3COCH_3 p/t.
 Residue on ignition (as SO_2)..... 0,1 %

Order code	Package	Units/Box st.
123577.1606	25 g	6
123577.1608	100 g	6

1,5-Diphenylcarbazine (contains diphenylcarbazine) (Reag. Ph. Eur.) PA-ACS

Hg reagent
 $C_{13}H_{12}N_4O$
 M: 240,27 CAS: 538-62-5 EINECS: 208-698-0 NC: 2928 00 90
 SPECIFICATIONS:
 Identity..... IR p/t.
 Melting range..... 152-157°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in acetone..... p/t.
 Residue on ignition (as SO_2)..... 0,05 %
 Sensitivity to Hg..... p/t.
 Cu..... 0,001 %
 Fe..... 0,001 %
 Ni..... 0,001 %
 Pb..... 0,001 %

Order code	Package	Units/Box st.
132228.1604	5 g	6
132228.1606	25 g	6

(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Diphenylenemethane

(see Fluorene)

Diphenylethanedione

(see Benzil)

Diphenylglycolic Acid

(see Benzilic Acid)

Diphenylketone

(see Benzophenone)

4,7-Diphenyl-1,10-Phenanthroline

(see Bathophenanthroline)

1,5-Diphenylthiocarbazine

(see Dithizone)

1,3-Diphenylthiourea PA

$(C_6H_5NH)_2CS$
 M: 228,32 CAS: 102-08-9 EINECS: 203-004-2 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H301
 SPECIFICATIONS:
 Minimum assay (HPLC)..... 98,0 %
 Identity..... IR p/t.
 Melting range..... 150-154°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in C_2H_5OH p/t.
 Loss on drying at 105°C..... 1 %
 Residue on ignition (as SO_2)..... 0,25 %

Order code	Package	Units/Box st.
121741.1209	250 g	6

1,3-Diphenylthiourea, 98% PS

$(C_6H_5NH)_2CS$
 M: 228,32 CAS: 102-08-9 EINECS: 203-004-2 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H301
 SPECIFICATIONS:
 Assay..... 98 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
151741.1208	100 g	6
151741.1210	500 g	6

Diphosphorus Pentoxide

(see di-Phosphorus penta-Oxide)

Dipicolinic Acid

(see Pyridine 2,6-Dicarboxylic Acid)

N,N'-Di-iso-Propylcarbodiimide

(see N,N'-Diisopropylcarbodiimide)

Dipropylene Glycol, 98% isomers mixture PS

$C_8H_{18}O_3$
 M: 134,17 CAS: 110-98-5 EINECS: 203-821-4 NC: 2909 49 18
 1l-1,024kg 1kg-0,977l

SPECIFICATIONS:
 Minimum assay (G.C.), isomers mixture..... 98 %
 Identity..... IR p/t.
 Density at 20/4..... 1,022-1,025

Order code	Package	Units/Box st.
15A778.1211	1000 ml	6
15A778.1214	5 l	4
15A778.0716	25 l	

2,2'-Dipyridine

(see 2,2'-Bipyridine)

α - α' -Dipyridyl

(see 2,2'-Bipyridine)

Direct Blue 53

(see Evans Blue)

Direct Red 28

(see Congo Red)

Direct Yellow 9

(see Titan Yellow)

Disulphine Blue (C.I. 42045) PA

indicator in analysis of surfactants
 $C_{27}H_{31}N_2O_8S_2Na$
 M: 566,67 CAS: 129-17-9 EINECS: 204-934-1 NC: 3204 12 00

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in H_2O 637-639 nm
 A 1%, 1 cm, λ_{max} >750
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H_2O 1 %
 Loss on drying at 110°C..... 7 %
 Suitability as indicator for surfactants..... p/t.

Order code	Package	Units/Box st.
123376.1605	10 g	6
123376.1606	25 g	6

Dithioamide

(see Rubeanic Acid)

Dithizone (Reag. Ph. Eur.) PA-ACS

reagent of metals and for complexometry
 $C_{13}H_{12}N_2S$
 M: 256,33 CAS: 60-10-6 EINECS: 200-454-1 NC: 2930 90 85

SPECIFICATIONS:
 Minimum assay (spectrophotometric)..... 85,0 %
 Identity..... IR p/t.
 Ratio of absorbances..... $\geq 1,55$
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in Cl_2CH p/t.
 Residue on ignition (as SO_2)..... 0,3 %
 Heavy metals (as Pb)..... 0,002 %
 Sensitivity to Pb..... p/t.

Order code	Package	Units/Box st.
131791.1604	5 g	6
131791.1606	25 g	6

DMAC

(see N,N-Dimethylacetamide)

DMAP

(see 4-(Dimethylamino) Pyridine)

DMF

(see N,N-Dimethylformamide)

DMF-DMA

(see N,N-Dimethylformamide-Dimethylacetal)

DMI

(see 1,3-Dimethyl-2-Imidazolidinone)

DMSO

(see Dimethyl Sulphoxide)

DNCB

(see 1-Chloro-2,4-Dinitrobenzene)

DNPH

(see 2,4-Dinitrophenylhydrazine)

Dodecanoic Acid

(see Lauric Acid)

Dodecanoic Acid Methyl Ester

(see Methyl Laurate)

1-Dodecanol (Reag. USP) PA-ACS

C₁₂H₂₆O

M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00

Signal Word: Warning



H315

1l~0,833kg 1kg~1,200l

SPECIFICATIONS:

Minimum assay (G.C.) 98,0 %

Identity IR p/t

Freezing point >23°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
131877.1610	500 ml	6

1-Dodecanol (F.C.C.) ADITIO

C₁₂H₂₆O

M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00

Signal Word: Warning



H315

1l~0,833kg 1kg~1,200l

SPECIFICATIONS:

Assay (G.C.), not less than 97,0 %

IR p/t

Insoluble matter in ethanol 70% p/t

Refractive index 1,440-1,444

Specific weight 0,830-0,836

Acidity value, not more than 1,0

Solidification point, not less than 21°C

Specifications F.C.C. 6

Order code	Package	Units/Box st.
201877.1214	5 l	4

1-Dodecanol, 98% PS

C₁₂H₂₆O

M: 186,34 CAS: 112-53-8 EINECS: 203-982-0 NC: 2905 17 00

Signal Word: Warning



H315

1l~0,833kg 1kg~1,200l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Order code	Package	Units/Box st.
161877.1609	250 ml	6
161877.1611	1000 ml	6
161877.1214	5 l	4

Dodecyl Alcohol

(see 1-Dodecanol)

Dodecyl Sulphate Sodium Salt

(see Sodium Dodecyl Sulphate)

DOP

(see Bis (2-Ethylhexyl) Phthalate)

Dowex® HCR-S-H

(see Ion Exchange Resin)

Dowex® HGR NG(H)

(see Cation Exchange Resin)

Dowex® Marathon C-H

(see Ion Exchange Resin)

DPX, mounting medium fast (toluene base) DC

for microscopy, mounting medium

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H319-H335-H315

1l~0,945kg 1kg~1,058l

SPECIFICATIONS:

Refractive index n₂₀^D 1,515-1,525

Order code	Package	Units/Box st.
255254.1608	100 ml	6
255254.1610	500 ml	6

DPX, mounting medium slow DC

for microscopy, mounting medium

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H319-H335-H315

1l~0,940kg 1kg~1,064l

SPECIFICATIONS:

Refractive index n₂₀^D 1,510-1,520

Order code	Package	Units/Box st.
256155.1608	100 ml	6
256155.1610	500 ml	6

DTPA

(see Diethylenetriaminepentaacetic Acid)

DYSPROSIUM SOLUTIONS

(see Standards for ICP)

Edetic Acid

(see Ethylenediaminetetraacetic Acid)

EDTA

(see Ethylenediaminetetraacetic Acid and their salts)

Electrode-Reactivating Solution RV

for electrode cleaning and reactivation

NC: 3822 00 00 UN: 3264

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H330-H310-H300-H314

1l~1,027kg 1kg~0,974l

Composition:

Hydrochloric Acid 35% 12,1 ml

Hydrofluoric Acid 48% 3,6 ml

Water s.q.m 100 ml

Order code	Package	Units/Box st.
285253.1209	250 ml	6

Eluent for Malo-Lactic Kit VINIKIT

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,863kg 1kg~1,159l

SPECIFICATIONS:

Density at 25/4 0,86

Order code	Package	Units/Box st.
625108.1208	100 ml	6

Embalming Mixture QP

UN: 1992 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 310 CAO: 309 (D/E)
Signal Word: Danger



H225-H311-H301-H317-H314

1l-0,941kg 1kg-1,063l

SPECIFICATIONS:

Composition:
Phenol 90 % 12,5 ml
Ethanol 96 % 62,5 ml
Formaldehyde solution 35-40 % 7,5 ml
Glycerol 17,5 ml

Order code	Package	Units/Box st.
214632.1214	5l	4
214632.0716	25l	

Emerald Green

(see Brilliant Green)

Empiric Liquor titrated RV

for determination of oil and fat acidity. 1 ml corresponds to 0,1 g of oleic acid

NC: 3822 00 00 UN: 1719

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H315

1l-1,017kg 1kg-0,983l

Composition:
Sodium Hydroxide 50% w/w 1,95 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281385.1211	1000 ml	6

Emulsion (prepared for Microbiology)

(see chapter CULTIMED products)

Enanthic Acid

(see Heptanoic Acid)

Enanthic Acid Chloride

(see Heptanoyl Chloride)

Enanthoyl Chloride

(see Heptanoyl Chloride)

Enheptin

(see 2-Amino-5-Nitrothiazole)

Eosin B

(see Eosin Bluish)

Eosin Bluish (C.I. 45400) DC

for microscopy, vital staining and plasma staining

C20H8Br2N2Na2O5

M: 624,09 CAS: 548-24-3 EINECS: 208-943-1 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in H₂O 516-520 nm
A 1%; 1cm; λ max >750
Ratio λ max. P \pm 15 nm 0,96-1,22
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
252782.1606	25 g	6
252782.1608	100 g	6

Eosin for fast staining (Panoptic No. 2) DC

blood smear staining or medullary smear staining

NC: 3822 00 00

1l-1,006kg 1kg-0,994l

Composition:

Eosin Yellowish 0,8 g
Buffer solution pH 7 s.q.m 1000 ml

Order code	Package	Units/Box st.
253999.1210	500 ml	6
253999.1212	2,5 l	4

Eosin G

(see Eosin Yellowish)

Eosin-Methylene Blue dye according to Leishman DC

for hematology, blood smear staining

NC: 3204 19 00

SPECIFICATIONS:

λ_1 of max. ABS in CH₃OH 525-527 nm
 λ_2 of max. ABS in CH₃OH 645-650 nm
A 1%, 1 cm, λ_1 max > 500
A 1%, 1 cm, λ_2 max >1000
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
251377.1606	25 g	6

Eosin-Methylene Blue solution according to Leishman DC

for hematology, blood smear staining

NC: 3204 19 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,794kg 1kg-1,259l

Composition:

Eosin-Methylene Blue dye according to Leishman 0,25 g
Methanol s.q.m 100 ml

Order code	Package	Units/Box st.
251378.1610	500 ml	6
251378.1611	1000 ml	6

Eosin-Methylene Blue dye according to May Grünwald DC

for hematology, blood smear staining

NC: 3204 19 00

SPECIFICATIONS:

λ_1 of max. ABS in CH₃OH 522-525 nm
 λ_2 of max. ABS in CH₃OH 651-654 nm
A 1%, 1 cm, λ_1 max >550
A 1%, 1 cm, λ_2 max >1100
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10%

Order code	Package	Units/Box st.
251415.1606	25 g	6
251415.1608	100 g	6

Eosin-Methylene Blue solution according to May Grünwald DC

for hematology, blood smear staining

NC: 3204 19 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,791kg 1kg-1,264l

Composition:

Eosin-Methylene Blue dye according to May Grünwald 0,25 g
Methanol s.q.m 100 ml

Order code	Package	Units/Box st.
251416.1608	100 ml	6
251416.1610	500 ml	6
251416.1611	1000 ml	6
251416.1612	2,5 l	4

Eosin-Methylene Blue dye according to Wright DC

for hematology, blood smear staining

NC: 3204 19 00

SPECIFICATIONS:

λ_1 of max. ABS in CH ₃ OH	523-525 nm
λ_2 of max. ABS in CH ₃ OH	645-650 nm
A 1%; 1 cm; λ_1 max	>500
A 1%; 1 cm; λ_2 max	>1000
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 15 %

Order code	Package	Units/Box st.
251767.1606	25 g	6
251767.1608	100 g	6

Eosin-Methylene Blue solution according to Wright DC

for hematology, blood smear staining

NC: 3204 19 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,788kg 1kg-1,269l

Composition:

Eosin-Methylene Blue dye acc. to Wright	0,25 g
Methanol s.q.m.	100 ml

Order code	Package	Units/Box st.
251768.1608	100 ml	6
251768.1610	500 ml	6
251768.1611	1000 ml	6

Eosin Scarlett

(see Eosin Bluish)

Eosin Y

(see Eosin Yellowish)

Eosin Yellowish (C.I. 45380) PA-ACS

adsorption indicator

C₂₀H₁₂Br₄Na₂O₅

M: 691,86 CAS: 17372-87-1 EINECS: 241-409-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t.
Suitability as an adsorption indicator	p/t.
Loss on drying at 110°C	8 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
131299.1606	25 g	6
131299.1608	100 g	6

Eosin Yellowish (C.I. 45380) DC

for microscopy, vital staining and plasma staining

C₂₀H₁₂Br₄Na₂O₅

M: 691,86 CAS: 17372-87-1 EINECS: 241-409-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t.
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 8 %

Order code	Package	Units/Box st.
251299.1606	25 g	6
251299.1608	100 g	6

Eosin Yellowish alcoholic solution 1% DC

for microscopy, vital staining and plasma staining

C₂₀H₁₂Br₄Na₂O₅

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)

Signal Word: Danger



H225

1l-0,827kg 1kg-1,209l

SPECIFICATIONS:

Composition:

Eosin Yellowish	10 g
Acetic Acid glacial	1 ml
Water	50 ml
Ethanol 96%	1000 ml

Order code	Package	Units/Box st.
256879.1210	500 ml	6

Eosin Yellowish hydroalcoholic solution 1% DC

for microscopy, plasma staining

NC: 3204 12 00

1l-0,997kg 1kg-1,003l

Composition:

Eosin Yellowish	1 g
Ethanol absolute	10 ml
Water	90 ml

Order code	Package	Units/Box st.
251301.1608	100 ml	6
251301.1609	250 ml	6
251301.1611	1000 ml	6

Epichlorohydrin, 98% PS

C₃H₅ClO

M: 92,52 CAS: 106-89-8 EINECS: 203-439-8 NC: 2910 30 00 UN: 2023

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H226-H331-H311-H301-H314-H317-H350

1l-1,183kg 1kg-0,845l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A036.1606	25 ml	6
15A036.1611	1000 ml	6
15A036.1612	2,5 l	4

EPPS

(see 3-[4-(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid)

ERBIUM SOLUTIONS

(see Standards for ICP)

Eriochrome Black T (C.I. 14645) PA-ACS

for complexometry

C₂₀H₁₂N₃NaO₅S

M: 461,38 CAS: 1787-61-7 EINECS: 217-250-3 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t.
Sensitivity as complexometric indicator	p/t.

Order code	Package	Units/Box st.
131439.1606	25 g	6
131439.1608	100 g	6

Eriochrome Black T solution 1% RV

for complexometry

C₂₀H₁₂N₃NaO₅S

M: 461,38 NC: 3822 00 00

1l-1,050kg 1kg-0,952l

Composition:

Eriochrome Black T	1 g
Triethanolamine	75 ml
Ethanol absolute	25 ml

Order code	Package	Units/Box st.
281440.1208	100 ml	6

Eriochrome Blue Black R

(see Calcon)

Eriochromecyanine R (C.I. 43820) PA

indicator for complexometry

C₂₃H₁₅Na₃O₅S

M: 536,40 CAS: 3564-18-9 EINECS: 222-641-7 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS at pH 7	435-439 nm
A 1%, 1 cm, λ max. (a.d.s.)	>110
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
124253.1606	25 g	6

Erythrosin B (C.I. 45430) DC

for microscopy
 $C_{20}H_{14}Na_2O_5$
 M: 879,92 CAS: 16423-68-0 EINECS: 240-474-8 NC: 3204 12 00
 Signal Word: Warning



H302

SPECIFICATIONS:

Identity.....IR p/t.
 λ of max. ABS in H_2O524-527 nm
 A 1%; 1 cm; λ_{max}>850
 Ratio λ_{max} , P_{\pm} 15 nm.....1,15-1,55
 T.L.C.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
253982.1606	25 g	6

Esbach's Reagent DC

for determination of albumin
 NC: 3822 00 00
 Signal Word: Warning



H332-H312-H302

1l-0,987kg 1kg-1,013l

Composition:

Picric Acid.....1 g
 Citric Acid 1-hydrate.....2 g
 Ethanol absolute.....20 ml
 Water s.q.m.....100 ml

Order code	Package	Units/Box st.
251560.1610	500 ml	6

Estragole

(see 4-Allylanisole)

Ethanal

(see Acetaldehyde)

1,2-Ethanediamine

(see Ethylenediamine)

1,2-Ethandiol

(see Ethylene Glycol)

Ethanedioyl Dichloride

(see Oxalyl Chloride)

Ethanenitrile

(see Acetonitrile)

Ethanethioamide

(see Thioacetamide)

Ethanodial

(see Glyoxal)

Ethanol absolute (HPLC-gradient grade) PAI

CH_3CH_2OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v.....99,9 %
 Density at 20/4.....0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Non-volatile matter.....0,0002 %
 Acidity.....0,0002 meq/g
 Alkalinity.....0,0002 meq/g
 Water (H_2O).....0,1 %
 Gradient:

λ (nm)	235	254
A (mAU)	5	2

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	225	240	260-400
A (AU)	1,000	0,456	0,222	0,071	0,009
T (%)	10	35	60	85	98

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:

Rohrschneider Polarity.....4,3
 Eluotropic value $E^o(Al_2O_3)$0,88
 Sol. H_2O in solv. at 20°C.....miscible
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
221086.1611	1000 ml	6
221086.1612	2,5 l	4
221086.1616	25 l	

Ethanol absolute (UV-IR-HPLC) PAI

CH_3CH_2OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v.....99,9 %
 Density at 20/4.....0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Non-volatile matter.....0,0003 %
 Acidity.....0,0005 meq/g
 Alkalinity.....0,0002 meq/g
 Water (H_2O).....0,1 %
 Suitability for IR spectrometry.....p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	235	245	270-400
A (AU)	1,000	0,456	0,260	0,097	0,046	0,009
T (%)	10	35	55	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	1

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:

Rohrschneider Polarity.....4,3
 Eluotropic value $E^o(Al_2O_3)$0,88
 Sol. H_2O in solv. at 20°C.....miscible
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361086.1611	1000 ml	6
361086.1612	2,5 l	4
361086.1646	4 l	4

Ethanol absolute dry (max. 0,02% water) DS

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,8 %
Identity	IR p/t
Density at 20/4	0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH ₃ CHO)	0,005 %
Water (H ₂ O)	0,02 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,00001 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
481086.1611	1000 ml	6

Ethanol absolute PA-ACS-ISO

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,8 %
Identity	IR p/t
Density at 20/20	0,790-0,793

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
Higher Alcohols (G.C.)	0,01 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
2-Propanol (G.C.)	0,003 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,00035 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH ₃ CHO)	0,005 %
Water (H ₂ O)	0,2 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,1	P	0,2		

Order code	Package	Units/Box st.
131086.1611	1000 ml	6
131086.1211	1000 ml	6
131086.1612	2,5 l	4
131086.1212	2,5 l	4
131086.1214	5 l	4
131086.1315	10 l	(*)
131086.0716	25 l	

Ethanol absolute PA

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v	99,5 %
Identity	IR p/t
Density at 20/4	0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,0005 %
Acetone (G.C.)	0,001 %
2-Butanol (G.C.)	0,02 %
Butanone (G.C.)	0,003 %
Methanol (G.C.)	0,02 %
3-Methyl-1-Butanol (G.C.)	0,05 %
2-Propanol (G.C.)	0,02 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0005 meq/g
Alkalinity	0,0002 meq/g
Fusel oil	p/t
Carbonyl compounds (as CH ₃ CHO)	0,005 %
Water (H ₂ O)	0,2 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,00001 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121086.1211	1000 ml	6
121086.1212	2,5 l	4
121086.1214	5 l	4
121086.1315	10 l	(*)
121086.0716	25 l	
121086.0718	60 l	
121086.0719	200 l	

Ethanol absolute PRS

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Assay (G.C.) v/v	99,5 %
Identity	IR p/t
Density at 20/4	0,789-0,790

Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,005 %
Acetone (G.C.)	0,005 %
Methanol (G.C.)	0,05 %
2-Propanol (G.C.)	0,05 %
Acidity	0,002 meq/g
Alkalinity	0,001 meq/g
Carbonyl compounds (as CH ₃ CHO)	0,01 %
Water (H ₂ O)	0,5 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141086.1211	1000 ml	6
141086.1212	2,5 l	4
141086.1214	5 l	4
141086.1315	10 l	(*)
141086.0716	25 l	
141086.0718	60 l	

Ethanol absolute (USP, BP, Ph. Eur.) CODEX

CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v 99,5 %
 Identity according to Pharmacopoeias p/t.
 Density at 20/20 0,7907-0,7932

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Colour of solution (USP) p/t.
 Clarity of solution p/t.
 Insoluble matter in H₂O p/t.
 Volatile impurities (G.C.) p/t.
 Non-volatile matter (w/w) 0,0025 %
 Acetone, 2-Propanol and 2-Methyl-2-Propanol p/t.
 Absorbance p/t.
 Transmittance (UV) according to USP p/t.
 Benzene (UV) 0,0002 %
 Butanone (G.C.) 0,02 %
 Methanol (G.C.) 0,02 %
 Reducing substances to KMnO₄ p/t.
 1-Pentanol, non-vol. matter and darkened subst. by H₂SO₄ p/t.
 Acidity and alkalinity p/t.
 Fusel oil p/t.
 Aldehydes (as CH₃CHO) 0,001 %
 Water (H₂O) 0,5 %
 Residual solvents (Ph.Eur./USP) p/t.
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
191086.1211	1000 ml	6
191086.1212	2,5 l	4
191086.1214	5 l	4
191086.1315	10 l	(*)
191086.0716	25 l	
191086.0718	60 l	

Ethanol absolute (F.C.C.) ADITIO

extraction solvent for industrial food use
 CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Assay (by volume) (equiv. to 99,3% w/w), not less than 99,5 %
 Acidity (as CH₃COOH), not more than 0,003 %
 Alkalinity (as NH₃), not more than 3 ppm
 Fusel Oil p/t.
 Ketones, 2-Propanol p/t.
 Methanol p/t.
 Non-volatile residue, not more than 0,003 %
 Solubility in water p/t.
 Substances darkened by H₂SO₄ p/t.
 Substances reducing KMnO₄ p/t.
 Arsenic, not more than 1 ppm
 Lead, not more than 0,5 ppm
 Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201086.1214	5 l	4
201086.0716	25 l	

Ethanol absolute, 99,5% PS

CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Minimum assay (G.C.) v/v 99,5 %
 Identity IR p/t.
 Density at 20/4 0,789-0,790
 Non-volatile matter 0,001 %
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161086.1211	1000 ml	6
161086.1212	2,5 l	4
161086.1714	5 l	4
161086.1315	10 l	(*)
161086.0616	25 l	

Ethanol absolute DC

dehydrating solvent for pathological anatomy
 CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

SPECIFICATIONS:

Assay (G.C.) v/v 99,8 %
 Identity IR p/t.
 Density at 20/4 0,789-0,790

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,0005 %
 Water (H₂O) 0,2 %
 Filtered product (1 µm).

Order code	Package	Units/Box st.
251086.1211	1000 ml	6
251086.1212	2,5 l	4
251086.1214	5 l	4
251086.1315	10 l	(*)

Ethanol absolute partially denatured QP

contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex
 CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,791kg 1kg-1,264l

SPECIFICATIONS:

Minimum assay (as vol. of CH₃CH₂OH) 99,5 %
 Density at 20/4 0,789-0,793
 Diethyl Phthalate (as v/v) 0,3 %
 Alkalinity (as NH₃) 0,002 %
 Water (H₂O) 0,5 %
 DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
212801.1211	1000 ml	6
212801.1214	5 l	4
212801.1315	10 l	(*)
212801.0716	25 l	
212801.0718	60 l	
212801.0719	200 l	

Ethanol 96% v/v (UV-IR-HPLC) PAI

CH₃CH₂OH
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,805kg 1kg-1,242l

SPECIFICATIONS:

Minimum assay (v/v) 96 %
 Density at 20/4 0,804-0,807

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0005 meq/g
 Alkalinity 0,0002 meq/g
 Suitability for IR spectrometry p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	210	220	230	240	270-400
A (AU)	1,000	0,456	0,260	0,143	0,046	0,009
T (%)	10	35	55	72	90	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:
 Rohrschneider Polarity 4,3
 Eluotropic value E°(Al₂O₃) 0,88
 Sol.H₂O in solv. at 20°C miscible
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361085.1611	1000 ml	6

(*) Sol-Pack pack with tap

Ethanol 96% v/v PA-ACS

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,805kg 1kg-1,242l

SPECIFICATIONS:

Minimum assay (v/v).....	96 %
Identity.....	IR p/t
Density at 20/4.....	0,804-0,807

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Insoluble matter in H ₂ O.....	p/t
Non-volatile matter.....	0,0005 %
Acetone (G.C.).....	0,001 %
2-Butanol (G.C.).....	0,02 %
Butanone (G.C.).....	0,003 %
Methanol (G.C.).....	0,02 %
2-Propanol (G.C.).....	0,003 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity.....	0,0005 meq/g
Alkalinity.....	0,0002 meq/g
Carbonyl compounds (as CH ₃ CHO).....	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Fe.....0,1	Pb.....0,1
Al.....0,5	Ga.....0,02	Pt.....0,02
As.....0,05	Ge.....0,05	S.....0,2
Au.....0,05	Hg.....0,05	Sb.....0,02
B.....0,02	In.....0,05	Si.....0,2
Ba.....0,1	K.....0,1	Sn.....0,1
Be.....0,02	Li.....0,05	Sr.....0,2
Bi.....0,05	Mg.....0,1	Ti.....0,02
Ca.....0,5	Mn.....0,02	Tl.....0,02
Cd.....0,05	Mo.....0,02	V.....0,02
Co.....0,02	Na.....0,5	Zn.....0,1
Cr.....0,02	Ni.....0,02	Zr.....0,02
Cu.....0,1	P.....0,2	

Order code Package Units/Box st.

Order code	Package	Units/Box st.
131085.1611	1000 ml	6
131085.1211	1000 ml	6
131085.1612	2,5 l	4
131085.1212	2,5 l	4
131085.1214	5 l	4
131085.1315	10 l	(*)
131085.0716	25 l	

Ethanol 96% v/v PA

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,805kg 1kg-1,242l

SPECIFICATIONS:

Minimum assay (v/v).....	96 %
Identity.....	IR p/t
Density at 20/20.....	0,805-0,812

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,0005 %
Acetone (G.C.).....	0,001 %
2-Butanol (G.C.).....	0,02 %
Butanone (G.C.).....	0,003 %
Methanol (G.C.).....	0,02 %
3-Methyl-1-Butanol (G.C.).....	0,05 %
2-Propanol (G.C.).....	0,02 %
Reducing substances to KMnO ₄	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity.....	0,0005 meq/g
Alkalinity.....	0,0002 meq/g
Fusel oil.....	p/t
Carbonyl compounds (as CH ₃ CHO).....	0,005 %
Ca.....	0,00005 %
Cd.....	0,000005 %
Co.....	0,000002 %
Cr.....	0,000002 %
Cu.....	0,00001 %
Fe.....	0,00001 %
Mg.....	0,00001 %
Mn.....	0,000002 %
Ni.....	0,000002 %
Pb.....	0,00001 %
Zn.....	0,00001 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
121085.1211	1000 ml	6
121085.1212	2,5 l	4
121085.1214	5 l	4
121085.1315	10 l	(*)
121085.0716	25 l	
121085.0719	200 l	

Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,805kg 1kg-1,242l

SPECIFICATIONS:

Assay (G.C.) v/v.....	96,0-96,6 %
Identity according to Pharmacopoeias.....	p/t
Density at 20/20.....	0,8051-0,8124

MAXIMUM LIMIT OF IMPURITIES

Appearance.....	p/t
Colour of solution (USP).....	p/t
Clarity of solution (USP).....	p/t
Insoluble matter in H ₂ O.....	p/t
Volatile impurities (G.C.).....	p/t
Non-volatile matter (w/v).....	0,0025 %
Residual solvents (Ph.Eur./USP).....	p/t
Acetone (G.C.).....	0,005 %
Acetone, 2-Propanol and 2-Methyl-2-Propanol.....	p/t
Benzene (UV).....	0,0002 %
Butanone (G.C.).....	0,02 %
Methanol (G.C.).....	0,02 %
2-Propanol (G.C.).....	0,03 %
Reducing substances to KMnO ₄	p/t
1-Pentanol, non-volatile subst. and carbonized subst. by H ₂ SO ₄	p/t
Absorbance.....	p/t
Acidity.....	0,002 meq/g
Alkalinity.....	0,001 meq/g
Acidity and alkalinity.....	p/t
Fusel oil.....	p/t
Aldehydes (as CH ₃ CHO).....	0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd).....	10 ppm
Class 1B (Ir, Rh, Ru, Os).....	10 ppm
Class 1C (Mo, Ni, Cr, V).....	25 ppm
Class 2 (Cu, Mn).....	250 ppm
Class 3 (Fe, Zn).....	1300 ppm
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
141085.1211	1000 ml	6
141085.1212	2,5 l	4
141085.1214	5 l	4
141085.1315	10 l	(*)
141085.0716	25 l	
141085.0718	60 l	
141085.0719	200 l	

Ethanol 96% v/v (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃CH₂OH

M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,805kg 1kg-1,242l

SPECIFICATIONS:

Assay (by volume) (equiv. to 92,3% w/w), not less than.....	94,9 %
Acidity (as CH ₃ COOH), not more than.....	0,003 %
Alkalinity (as NH ₃), not more than.....	3 ppm
Fusel Oil.....	p/t
Ketones, 2-Propanol.....	p/t
Methanol.....	p/t
Non-volatile residue, not more than.....	0,003 %
Solubility in water.....	p/t
Substances darkened by H ₂ SO ₄	p/t
Substances reducing KMnO ₄	p/t
Arsenic, not more than.....	1 ppm
Lead, not more than.....	0,5 ppm
Specifications Dir. 88/344/CEE, F.C.C. 6	

Order code Package Units/Box st.

Order code	Package	Units/Box st.
201085.1214	5 l	4
201085.0716	25 l	

(*) Sol-Pack pack with tap

Ethanol 96% v/v DC

dehydrating solvent for pathological anatomy
 $\text{CH}_3\text{CH}_2\text{OH}$
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 10 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225
 1l-0,805kg 1kg-1,242l

SPECIFICATIONS:
 Assay (G.C.) (v/v) 96 %
 Identity IR p/t
 Density at 20/4 0,804-0,807

MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter 0,0005 %
 Filtered product (1 μm).

Order code	Package	Units/Box st.
251085.1211	1000 ml	6
251085.1212	2,5 l	4
251085.1214	5 l	4
251085.1315	10 l	(*)

Ethanol 96% v/v partially denatured QP

contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex
 $\text{CH}_3\text{CH}_2\text{OH}$
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225
 1l-0,811kg 1kg-1,233l

SPECIFICATIONS:
 Minimum assay (as vol. of $\text{CH}_3\text{CH}_2\text{OH}$) 96,0 %
 Density at 20/4 0,809-0,813
 Diethyl Phthalate (v/v) 0,3 %
 Alkalinity (as NH_3) 0,002 %
 DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
212800.1211	1000 ml	6
212800.1214	5 l	4
212800.1315	10 l	(*)
212800.0716	25 l	
212800.0718	60 l	
212800.0719	200 l	

Ethanol 96% v/v totally denatured QP

contains 2% of Butanone, 2 ppm of Methylene Blue and 10 ppm of Bitrex
 $\text{CH}_3\text{CH}_2\text{OH}$
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2207 20 00 UN: 1170
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225
 1l-0,811kg 1kg-1,233l

SPECIFICATIONS:
 Minimum assay (as vol. of $\text{CH}_3\text{CH}_2\text{OH}$) 96 %
 Density at 20/4 0,809-0,813
 Butanone (v/v) 2 %
 Methylene Blue 2 ppm
 Alkalinity (as NH_3) 0,002 %
 DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
213973.1211	1000 ml	6
213973.1214	5 l	4

Ethanol 70% v/v (BP) CODEX

$\text{CH}_3\text{CH}_2\text{OH}$
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2208 90 99 UN: 1170
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 305 CAO: 307
 Signal Word: Danger

H225
 1l-0,890kg 1kg-1,124l

SPECIFICATIONS:
 Assay (v/v) 69,5-70,4 %
 Apparent density (BP) 883,5-885,8 Kg m^{-3}

MAXIMUM LIMIT OF IMPURITIES
 Appearance p/t.
 Non-volatile matter (w/v) 0,0025 %
 Acidity or alkalinity p/t.
 Volatile impurities p/t.
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm
 Microfiltered product (0,22 μm)
 This product has been manufactured according to European Pharmacopoeia 6.0, with raw material (141085 Ethanol 96% v/v) which passes the CODEX (USP 29, BP, Ph. Eur.) Specifications.

Order code	Package	Units/Box st.
192695.1211	1000 ml	6
192695.1212	2,5 l	4
192695.1214	5 l	4
192695.1315	10 l	(*)
192695.0716	25 l	

Ethanol 70% v/v ADITIO

extraction solvent for industrial food use
 $\text{CH}_3\text{CH}_2\text{OH}$
 M: 46,07 CAS: 64-17-5 EINECS: 200-578-6 NC: 2208 90 99 UN: 1170
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 305 CAO: 307
 Signal Word: Danger

H225
 1l-0,890kg 1kg-1,124l

SPECIFICATIONS:
 Assay (by volume) (equiv. to 62,5% w/w), not less than 70 %
 Acidity (as CH_3COOH), not more than 0,003 %
 Alkalinity (as NH_3), not more than 3 ppm
 Fusel Oil p/t.
 Ketones, 2-Propanol p/t.
 Methanol p/t.
 Non-volatile residue, not more than 0,003 %
 Solubility in water p/t.
 Substances darkened by H_2SO_4 p/t.
 Substances reducing KMnO_4 p/t.
 Arsenic, not more than 1 ppm
 Lead, not more than 0,5 ppm
 Specifications Dir. 88/344/CEE

Order code	Package	Units/Box st.
202695.1214	5 l	4
202695.0716	25 l	

mono-Ethanolamine

(see Ethanolamine)

Ethanolamine PA-ACS

NH₂CH₂CH₂OH

M: 61,08 CAS: 141-43-5 EINECS: 205-483-3 NC: 2922 11 00 UN: 2491
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H332-H312-H302-H314

1l-1,015kg 1kg~0,985l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t
Density at 20/4 1,016-1,020

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
Non-volatile matter 0,2 %
Ethanol (G.C.) 0,1 %
Diethanolamine (G.C.) 0,3 %
Triethanolamine (G.C.) 0,1 %
Water (H₂O) 0,30 %
Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ca 0,5
Cd 0,05
Co 0,02
Cr 0,02
Cu 0,1
Fe 5
Mg 5
Mn 0,05
Ni 0,02
Pb 0,1
Zn 0,1

Order code Package Units/Box st.

131924.1611	1000 ml		6
131924.1214	5 l		4
131924.0716	25 l		

Ethanolamine, 99% PS

NH₂CH₂CH₂OH

M: 61,08 CAS: 141-43-5 EINECS: 205-483-3 NC: 2922 11 00 UN: 2491
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H332-H312-H302-H314

1l-1,015kg 1kg~0,985l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 1,016-1,019
Water (H₂O) 0,3 %

Order code Package Units/Box st.

161924.1211	1000 ml		6
161924.1214	5 l		4
161924.0716	25 l		

Ethanol-Diethyl Ether 1:1 DC

for microscopy, fixing

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-EUH019-H302-EUH066-H336

1l-0,774kg 1kg~1,292l

Composition:

Ethanol 500 ml
Diethyl Ether 500 ml

Order code Package Units/Box st.

251084.1610	500 ml		6
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2-Ethoxyethanol

(see Ethylene Glycol mono-Ethyl Ether)

2-(2-Ethoxyethoxy) Ethanol

(see Diethylene Glycol mono-Ethyl Ether)

2-Ethoxy-2-Phenylacetophenone

(see Benzoin Ethyl Ether)

Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Density at 20/4 0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,01 %
Darkened substances by H₂SO₄ p/t
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	253 (Cut off)	255	257	260	263	265	270-400
A (AU)	1,000	0,699	0,495	0,301	0,097	0,046	0,009
T (%)	10	20	32	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 4,4
Eluotropic value ε°(Al₂O₃) 0,58
Sol. H₂O in solv. at 20°C 9,8
P' + 0,25 E 5,8

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361318.1611	1000 ml		6
361318.1612	2,5 l		4
361318.1616	25 l		

Ethyl Acetate (PAR) PAI

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0008 meq/g
Water (H₂O) 0,02 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code Package Units/Box st.

321318.1611	1000 ml		6
321318.1612	2,5 l		4
321318.1646	4 l		4

Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t.
 Density at 20/4 0,900-0,902

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Acetaldehyde (G.C.) 0,005 %
 Acetone (G.C.) 0,005 %
 Ethanol (G.C.) 0,1 %
 Methanol (G.C.) 0,05 %
 Methyl Acetate (G.C.) 0,1 %
 Isopropyl Acetate (G.C.) 0,1 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,0008 meq/g
 Aldehydes p/t.
 Water (H₂O) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,1
As 0,5	Ge 0,05	S 0,2
Au 0,1	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,02	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481318.1611	1000 ml	6

Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/20 0,901-0,904
 Boiling range 76-78°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Acetaldehyde (G.C.) 0,005 %
 Acetone (G.C.) 0,005 %
 Ethanol (G.C.) 0,1 %
 Methanol (G.C.) 0,05 %
 Methyl Acetate (G.C.) 0,1 %
 Isopropyl Acetate (G.C.) 0,1 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,0008 meq/g
 Aldehydes p/t.
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,1
As 0,5	Ge 0,05	S 0,2
Au 0,1	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131318.1611	1000 ml	6
131318.1211	1000 ml	6
131318.1612	2,5 l	4
131318.1212	2,5 l	4
131318.1214	5 l	4
131318.0716	25 l	
131318.0718	60 l	
131318.0719	200 l	

Ethyl Acetate PRS

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word:

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,900-0,905
 Non-volatile matter 0,005 %
 Ethanol (G.C.) 0,5 %
 Methanol (G.C.) 0,2 %
 Methyl Acetate (G.C.) 0,2 %
 Acidity 0,0015 meq/g
 Water (H₂O) 0,3 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141318.1211	1000 ml	6
141318.1212	2,5 l	4
141318.1214	5 l	4
141318.0716	25 l	
141318.0718	60 l	

Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Assay (C₄H₈O₂) 99,0-100,5 %
 Identity according to Pharmacopoeias p/t.
 Density at 20/20 0,898-0,902
 Refractive index n_D²⁰ 1,370-1,373

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,003 %
 Related substances p/t.
 Darkened substances by H₂SO₄ p/t.
 Acidity p/t.
 Water (H₂O) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
191318.1214	5 l	4
191318.0716	25 l	

Ethyl Acetate (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Assay (as C₄H₈O₂), not less than 99,0 %
 IR p/t.
 Refractive index 1,370-1,375
 Specific gravity 0,894-0,898
 Distillation range 76-77,5°C
 Acidity value, not more than 5,0
 Methyl compounds p/t.
 Residue on evaporation, not more than 0,02 %
 Easily carbonizable substances p/t.
 Arsenic, not more than 1 ppm
 Lead, not more than 1 ppm
 Specifications Dir. 88/344/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201318.1214	5 l	4
201318.0716	25 l	

Ethyl Acetate, 99,5% PS

CH₃COOC₂H₅

M: 88,10 CAS: 141-78-6 EINECS: 205-500-4 NC: 2915 31 00 UN: 1173
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,900-0,902
Non-volatile matter	0,001 %
Acidity (as CH ₃ COOH)	0,003 %
Water (H ₂ O)	0,05 %

Order code	Package	Units/Box st.
161318.1611	1000 ml	6
161318.1714	5 l	4
161318.0616	25 l	

Ethyl Acetate/Cyclohexane

(see Mixture Cyclohexane/Ethyl Acetate)

Ethyl Acetoacetate, 98% PS

CH₃COCH₂COOC₂H₅

M: 130,14 CAS: 141-97-9 EINECS: 205-516-1 NC: 2918 30 00

1l-1,029kg 1kg-0,972l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t
Density at 20/4	1,027-1,030

Order code	Package	Units/Box st.
15A790.1211	1000 ml	6
15A790.1214	5 l	4
15A790.0716	25 l	

Ethyl Alcohol

(see Ethanol)

Ethyl Aldehyde

(see Acetaldehyde)

Ethylbenzene, 99% PS

C₈H₁₀

M: 106,17 CAS: 100-41-4 EINECS: 202-849-4 NC: 2902 60 00 UN: 1175

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332

1l-0,866kg 1kg-1,154l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	0,865-0,867
Non-volatile matter	0,001 %
Water (H ₂ O)	0,05 %

Order code	Package	Units/Box st.
163054.1611	1000 ml	6

Ethyl Benzoate PRS

C₈H₈COOC₂H₅

M: 150,18 CAS: 93-89-0 EINECS: 202-284-3 NC: 2916 31 00

1l-1,049kg 1kg-0,953l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	1,044-1,054
Non-volatile matter	0,01 %
Ethanol (G.C.)	0,1 %
Acidity (as C ₇ H ₆ O ₂)	0,06 %
Water (H ₂ O)	0,3 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141973.1611	1000 ml	6
141973.0716	25 l	

Ethyl Benzoate, 99% PS

C₈H₈COOC₂H₅

M: 150,18 CAS: 93-89-0 EINECS: 202-284-3 NC: 2916 31 00

1l-1,049kg 1kg-0,953l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t

Order code	Package	Units/Box st.
151973.1608	100 ml	6
151973.1610	500 ml	6

O-Ethylbenzoin

(see Benzoin Ethyl Ether)

Ethyl Bromide

(see Bromoethane)

Ethyl Bromoacetate, 98% PS

C₄H₇BrO₂

M: 167,01 CAS: 105-36-2 EINECS: 203-290-9 NC: 2915 90 80 UN: 1603

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/P PAX: P CAO: P

Signal Word: Danger



H330-H310-H300

1l-1,506kg 1kg-0,664l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t
Density at 20/4	1,504-1,508

Order code	Package	Units/Box st.
15A791.1608	100 ml	6
15A791.1610	500 ml	6

2-Ethylcaproic Acid

(see 2-Ethylhexanoic Acid)

Ethyl 4-Chloroacetoacetate, 98% PS

C₈H₉ClO₃

M: 164,59 CAS: 638-07-3 EINECS: 211-317-0 NC: 2918 30 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H311-H301-H314-H317-H411

1l-1,218kg 1kg-0,82l

SPECIFICATIONS:

Minimum Assay	98 %
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Order code	Package	Units/Box st.
15A178.1607	50 ml	6

Ethyl Cyanide

(see Propionitrile)

Ethylidiglycol

(see Diethylene Glycol mono-Ethyl Ether)

N-Ethyl Di-Isopropylamine, 98% PS

C₈H₁₉N

M: 129,25 CAS: 7087-68-5 EINECS: 230-392-0 NC: 2921 19 80 UN: 2733

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H314

1l-0,742kg 1kg-1,348l

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t
Density at 20/4	0,740-0,760
Water (H ₂ O)	0,5 %

Order code	Package	Units/Box st.
15A837.1208	100 ml	6
15A837.1211	1000 ml	6

Ethylene Chloride

(see 1,2-Dichloroethane)

Ethylene Chlorohydrin

(see 2-Chloroethanol)

Ethylenediamine PA

C₂H₈N₂

M: 60,10 CAS: 107-15-3 EINECS: 203-468-6 NC: 2921 21 00 UN: 1604

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H302-H314-H334-H317

1l-0,899kg 1kg-1,112l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	0,895-0,900

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,05 %
Chloride (Cl)	0,01 %
Water (H ₂ O)	1 %
Heavy metals (as Pb)	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121869.1611	1000 ml	6

Ethylenediamine, 99% PS

C₂H₈N₂

M: 60,10 CAS: 107-15-3 EINECS: 203-468-6 NC: 2921 21 00 UN: 1604
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H302-H314-H334-H317

1l-0,899kg 1kg-1,112l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,897-0,900
Water (H₂O) 1 %

Order code	Package	Units/Box st.
161869.1611	1000 ml	6
161869.1612	2,5 l	4
161869.1214	5 l	4
161869.0716	25 l	

Ethylenediaminetetraacetic Acid PA-ACS

C₁₀H₁₆N₂O₈

M: 292,24 CAS: 60-00-4 EINECS: 200-449-4 NC: 2922 49 95

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.) 99,4-100,6%
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH₄OH 0,005 %
Residue on ignition (as SO₂) 0,1 %
Nitrilotriacetic Acid [(CH₂COOH)₃N] 0,1 %
Chloride (Cl) 0,005 %
Heavy metals (as Pb) 0,001 %
Ca 0,001 %
Cu 0,001 %
Fe 0,001 %
Mg 0,0005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
131026.1209	250 g	6
131026.1210	500 g	6
131026.1211	1000 g	6
131026.0914	5 kg	4
131026.0416	25 kg	

Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX

C₁₀H₁₆N₂O₈

M: 292,24 CAS: 60-00-4 EINECS: 200-449-4 NC: 2922 49 95

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Compl.) 98,0-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Residue on ignition (as SO₂) 0,2 %
Residual solvents (Ph.Eur./USP) p/t.
Nitrilotriacetic Acid [(CH₂COOH)₃N] 0,1 %
Chloride (Cl) 0,02 %
Heavy metals (as Pb) 0,002 %
Fe 0,005 %

Order code	Package	Units/Box st.
141026.1211	1000 g	6
141026.0914	5 kg	
141026.0416	25 kg	

Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₁₀H₁₂CaN₂Na₂O₈

M: 374,27 CAS: 62-33-9 EINECS: 200-529-9 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s. 98,0-102,0%
Identity according to Pharmacopoeias p/t.
pH of 20% solution 6,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Residual solvents (Ph.Eur./USP) p/t.
Ethylenediaminetetraacetic Acid Disodium Salt 1,0 %
Magnesium-queleting substances p/t.
Nitrilotriacetic Acid [(CH₂COOH)₃N] 0,1 %
Chloride (Cl) 0,1 %
Water (H₂O) 5,0-13,0 %
Heavy metals (as Pb) 0,002 %
Cu 0,002 %
Fe 0,008 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
144559.1211	1000 g	6
144559.0914	5 kg	

Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS

C₁₀H₁₄K₂N₂O₈·2H₂O

M: 404,47 CAS: 25102-12-9 EINECS: 217-895-0 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) 98,0 %
Identity IR p/t.
pH of 5% solution 4,0-5,5
Insoluble matter in H₂O 0,02 %
Chloride (Cl) 0,05 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
142091.1208	100 g	6
142091.1210	500 g	6
142091.0914	5 kg	

Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS

C₁₀H₁₂K₂MgN₂O₈·2H₂O

M: 426,76 CAS: 15708-48-2 EINECS: 239-803-8 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.) 98 %
Identity IR p/t.
Insoluble matter in H₂O 0,02 %
Chloride (Cl) 0,05 %
Sulphate (SO₄) 0,05 %
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
142093.1209	250 g	6
142093.1211	1000 g	6
142093.0914	5 kg	
142093.0416	25 kg	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)99,0-101,0%
 Identity IR p/t
 pH of 5% solution 4,0-5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
 Nitritotriacetic acid $[(CH_2COOH)_3N]$ 0,05 %
 Chloride (Cl) 0,01 %
 Sulphate (SO_4) 0,02 %
 Heavy metals (as Pb) 0,001 %
 Ca 0,002 %
 Cu 0,0001 %
 Fe 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
131669.1209	250 g	6
131669.1210	500 g	6
131669.1211	1000 g	6
131669.0914	5 kg	4
131669.0416	25 kg	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)99,0-101,0%
 Identity according to Pharmacopoeias p/t
 pH of 5% solution 4,0-5,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H_2O 0,01 %
 Loss on drying at 200°C 3 h 8,7-11,4 %
 Residual solvents (Ph.Eur./USP) p/t
 Nitritotriacetic Acid $[(CH_2COOH)_3N]$ 0,1 %
 Chloride (Cl) 0,02 %
 Sulphate (SO_4) 0,1 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Ca p/t
 Cu 0,002 %
 Fe 0,0005 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141669.1211	1000 g	6
141669.0914	5 kg	
141669.0416	25 kg	

Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay ($C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$)99,0-101,0%
 Heavy metals (as Pb), not more than 0,002 %
 Lead, not more than 10 ppm
 Nitritotriacetic Acid 0,1 %
 pH of 1% solution 4,3-4,7
 Calcium p/t
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201669.0914	5 kg	
201669.0416	25 kg	

ETHYLENEDIAMINETETRAACETIC ACID DISODIUM SALT VOLUMETRIC SOLUTIONS

Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181671.1211	1000 ml	6
181671.1212	2,5 l	4

Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV

1 ml corresponds to 10 mg/l CaO for 100 ml of water = 1°d (german degrees of hardness)

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
184489.1211	1000 ml	6

Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,008kg 1kg~0,992l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182120.1211	1000 ml	6
182120.1315	10 l	(*)

Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T (ZnO)

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$

M: 372,24 CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

1l~1,017kg 1kg~0,983l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181670.1211	1000 ml	6
181670.1212	2,5 l	4
181670.1315	10 l	(*)

Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$) to prep. 1l of 0,1M sol. SVc

CAS: 6381-92-6 EINECS: 205-358-3 NC: 2922 49 95

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303118.1920	1 ampoule	6

Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS

$Na_4C_{10}H_{12}N_2O_8 \cdot 4H_2O$

M: 452,24 CAS: 13235-36-4 EINECS: 200-573-9 NC: 2922 49 95

Signal Word: Danger



H302-H318

SPECIFICATIONS:

Assay (Compl.) 98 %
 Identity IR p/t
 pH of 1% solution 10,4-11,4
 Insoluble matter in H_2O 0,02 %
 Chloride (Cl) 0,02 %
 Sulphate (SO_4) 0,05 %
 Heavy metals (as Pb) 0,002 %
 Cu 0,0005 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141952.1210	500 g	6
141952.1211	1000 g	6
141952.0914	5 kg	
141952.0416	25 kg	

Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS

$C_{18}H_{13}K_3N_2O_5 \cdot 2H_2O$

M: 442,57 CAS: 65501-24-8 EINECS: 241-543-5 NC: 2922 49 95

SPECIFICATIONS:

Assay (Compl.)	98 %
Identity	IR p/t.
pH of 5% solution	8,0-9,0
Insoluble matter in H ₂ O	0,01 %
Heavy metals (as Pb)	0,01 %
Fe	0,02 %

Order code	Package	Units/Box st.
144108.1209	250 g	6
144108.1211	1000 g	6
144108.0914	5 kg	
144108.0416	25 kg	

Ethylene Dichloride

(see 1,2-Dichloroethane)

Ethylenedinitriletetraacetic Acid

(see Ethylenediaminetetraacetic Acid)

Ethylene Glycol (Reag. USP, Ph. Eur.) PA

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l-1,115kg 1kg-0,897l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t.
Density at 20/20	1,113-1,115

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t.
Residue on ignition (as SO ₂)	0,003 %
Reducing substances to KMnO ₄ (as O)	0,0003 %
Darkened substances by H ₂ SO ₄	p/t.
Diethyleneglycol (G.C.)	0,05 %
Acidity	0,0005 meq/g
Water (H ₂ O)	0,1 %
Chloride (Cl)	0,0005 %
Sulphate (SO ₄)	0,0005 %
Ca	0,0005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %

Order code	Package	Units/Box st.
121316.1211	1000 ml	6
121316.1212	2,5 l	4
121316.1214	5 l	4
121316.0716	25 l	
121316.0719	200 l	

Ethylene Glycol PRS

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l-1,115kg 1kg-0,897l

SPECIFICATIONS:

Assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,113-1,117
Residue on ignition (as SO ₂)	0,01 %
Diethyleneglycol (G.C.)	0,1 %
Acidity (as CH ₂ COOH)	0,01 %
Water (H ₂ O)	0,3 %
Chloride (Cl)	0,03 %
Sulphate (SO ₄)	0,01 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141316.1211	1000 ml	6
141316.1212	2,5 l	4
141316.1214	5 l	4
141316.0716	25 l	
141316.0718	60 l	
141316.0719	200 l	

Ethylene Glycol, 99% PS

CH_2OHCH_2OH

M: 62,07 CAS: 107-21-1 EINECS: 203-473-3 NC: 2905 31 00

Signal Word: Warning

H302

1l-1,115kg 1kg-0,897l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t.
Density at 20/4	1,113-1,117
Water (H ₂ O)	0,1 %

Order code	Package	Units/Box st.
161316.1211	1000 ml	6
161316.1212	2,5 l	4
161316.1214	5 l	4
161316.0716	25 l	
161316.0718	60 l	

Ethyleneglycol mono-Butyl Ether

(see Ethylene Glycol mono-Butyl Ether)

Ethylene Glycol mono-Butyl Ether PRS

$CH_2OHCH_2OC_4H_9$

M: 118,17 CAS: 111-76-2 EINECS: 203-905-0 NC: 2909 43 00

Signal Word: Warning

H332-H312-H302-H319-H315

1l-0,901kg 1kg-1,110l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t.
Density at 20/4	0,899-0,902
Non-volatile matter	0,01 %
Acidity (as CH ₂ COOH)	0,01 %
Water (H ₂ O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141888.1211	1000 ml	6
141888.1214	5 l	4
141888.0716	25 l	

Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA

$C_4H_{10}O_2$

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger

H360FD-H226-H332-H312-H302

1l-0,932kg 1kg-1,073l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t.
Density at 20/4	0,930-0,933
Boiling range (>95% dist.)	133-135°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,005 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
121317.1611	1000 ml	6
121317.1214	5 l	4

Ethylene Glycol mono-Ethyl Ether PRS

C₄H₁₀O₂

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360FD-H226-H332-H312-H302

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,930-0,933
Acidity.....	0,005 meq/g
Water (H ₂ O).....	0,3 %
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code Package Units/Box st.

141317.1211	1000 ml		6
141317.1214	5 l		4
141317.0716	25 l		

Ethylene Glycol mono-Ethyl Ether, 99% PS

C₄H₁₀O₂

M: 90,12 CAS: 110-80-5 EINECS: 203-804-1 NC: 2909 44 00 UN: 1171
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360FD-H226-H332-H312-H302

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,930-0,933
Water (H ₂ O).....	0,2 %

Order code Package Units/Box st.

161317.1211	1000 ml		6
161317.1212	2,5 l		4
161317.1214	5 l		4
161317.0716	25 l		

Ethylene Glycol mono-Methyl Ether PA-ACS

HOCH₂CH₂OCH₃

M: 76,10 CAS: 109-86-4 EINECS: 203-713-7 NC: 2909 44 00 UN: 1188
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360D-H226-H332-H312-H302

1l~0,966kg 1kg~1,035l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t
Density at 20/4.....	0,964-0,968

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,005 %
Acidity.....	0,001 meq/g
Peroxides (as H ₂ O ₂).....	0,0003 %*
Water (H ₂ O).....	0,1 %
Ca.....	0,00005 %
Cd.....	0,000005 %
Co.....	0,000002 %
Cr.....	0,000002 %
Cu.....	0,000002 %
Fe.....	0,00001 %
Mg.....	0,00001 %
Mn.....	0,000002 %
Ni.....	0,000002 %
Pb.....	0,00001 %
Zn.....	0,00001 %

*At the moment of the batch analysis

Order code Package Units/Box st.

131897.1611	1000 ml		6
131897.1612	2,5 l		4
131897.1214	5 l		4

Ethylene Glycol mono-Methyl Ether, 99% PS

HOCH₂CH₂OCH₃

M: 76,10 CAS: 109-86-4 EINECS: 203-713-7 NC: 2909 44 00 UN: 1188
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H360D-H226-H332-H312-H302

1l~0,966kg 1kg~1,035l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,964-0,968
Water (H ₂ O).....	0,1 %

Order code Package Units/Box st.

161897.1211	1000 ml		6
161897.1212	2,5 l		4
161897.1214	5 l		4
161897.0716	25 l		

Ethylene Glycol di-Methyl Ether PA

C₄H₁₀O₂

M: 90,12 CAS: 110-71-4 EINECS: 203-794-9 NC: 2909 44 00 UN: 2252
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H360FD-H225-EUH019-H332

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,0 %
Identity.....	IR p/t
Density at 20/4.....	0,866-0,868

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter.....	0,005 %
Peroxides (as H ₂ O ₂).....	0,005 %
Water (H ₂ O).....	0,1 %
Ca.....	0,00005 %
Cd.....	0,000005 %
Co.....	0,000002 %
Cr.....	0,000002 %
Cu.....	0,000002 %
Fe.....	0,00001 %
Mg.....	0,00001 %
Mn.....	0,000002 %
Ni.....	0,000002 %
Pb.....	0,00001 %
Zn.....	0,00001 %

Order code Package Units/Box st.

124468.1610	500 ml		6
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Ethylene Glycol di-Methyl Ether, 99% PS

C₄H₁₀O₂

M: 90,12 CAS: 110-71-4 EINECS: 203-794-9 NC: 2909 44 00 UN: 2252
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H360FD-H225-EUH019-H332

1l~0,867kg 1kg~1,153l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,866-0,868
Water (H ₂ O).....	0,2 %

Order code Package Units/Box st.

164468.1611	1000 ml		6
164468.1214	5 l		4

Ethylene Glycol mono-Phenyl Ether

(see 2-Phenoxyethanol)

Ethylene Tetrachloride

(see Tetrachloroethylene)

Ethylene Trichloride

(see Trichloroethylene)

Ethyl Ether

(see Diethyl Ether)

Ethylglycol

(see Ethylene Glycol mono-Ethyl Ether)

2-Ethylhexanoic Acid, 99% PS

C₈H₁₆O₂
 M: 144,22 CAS: 149-57-5 EINECS: 205-743-6 NC: 2915 90 80
 Signal Word: Warning

H361d
 1l-0,906kg 1kg-1,104l
SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,905-0,907
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
163543.1609	250 ml	6
163543.1611	1000 ml	6

2-Ethyl-1-Hexanol PA

C₈H₁₈O
 M: 130,23 CAS: 104-76-7 EINECS: 203-234-3 NC: 2905 16 10
 Signal Word: Warning

H319-H315
 1l-0,832kg 1kg-1,202l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Density at 20/4 0,830-0,834

MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter 0,002 %
 1-Octanol (G.C.) 0,1 %
 2-Octanol (G.C.) 0,1 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,002 meq/g
 Aldehydes p/t.
 Water (H₂O) 0,15 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
122021.1611	1000 ml	6

2-Ethyl-1-Hexanol, 99% PS

C₈H₁₈O
 M: 130,23 CAS: 104-76-7 EINECS: 203-234-3 NC: 2905 16 10
 Signal Word: Warning

H319-H315
 1l-0,832kg 1kg-1,202l
SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,830-0,834
 Water (H₂O) 0,15 %

Order code	Package	Units/Box st.
162021.1211	1000 ml	6
162021.1212	2,5 l	4

2-Ethylhexyl Alcohol

(see 2-Ethyl-1-Hexanol)

Ethyl Iodide

(see Iodoethane)

Ethyl 3-Iodobenzoate, 99% stabilized with copper PS

C₉H₉IO₂
 M: 276,07 CAS: 58313-23-8 NC: 2916 39 00
 Signal Word: Warning

H319-H335-H315
 1l-1,660kg 1kg-0,602l
SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C054.1605	10 ml	6
15C054.1607	50 ml	6

Ethylketone

(see Diethylketone)

Ethyl (S)-(-)-Lactate PRS

C₅H₁₀O₃
 M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H226-H335-H318
 1l-1,031kg 1kg-0,97l

SPECIFICATIONS:
 Assay (G.C.) 98,0 %
 Identity IR p/t.
 Density at 25/4 1,029-1,032
 Non-volatile matter 0,01 %
 Ethanol (G.C.) 0,2 %
 Water (H₂O) 0,3 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141319.1611	1000 ml	6
141319.1214	5 l	4
141319.0716	25 l	

Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO

C₅H₁₀O₃
 M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H226-H335-H318
 1l-1,031kg 1kg-0,97l

SPECIFICATIONS:
 IR p/t.
 Assay (C₅H₁₀O₃), not less than 98,0 %
 Acidity value, not more than 1,0
 Refractive index n_D²⁰ 1,410 - 1,420
 Specific weight 1,029 - 1,032
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201319.0716	25 l	

Ethyl (S)-(-)-Lactate, 98% PS

C₅H₁₀O₃
 M: 118,14 CAS: 687-47-8 EINECS: 211-694-1 NC: 2918 11 00 UN: 1192
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H226-H335-H318
 1l-1,031kg 1kg-0,97l

SPECIFICATIONS:
 Assay (G.C.) 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
151319.1609	250 ml	6
151319.1611	1000 ml	6

Ethyl Malonate

(see Diethyl Malonate)

2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX

C₈H₈HgNaO₂S
 M: 404,81 CAS: 54-64-8 EINECS: 200-210-4 NC: 2931 00 95 UN: 2025
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

H330-H310-H300-H373-H410

SPECIFICATIONS:
 Assay (calc. a.d.s.) 97,0-101,0 %
 Identity according to Pharmacopoeias p/t.
 pH of 0,8% solution 6,0-8,0
 pH of 1% solution 6,0-8,0

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Soluble matter in ether 0,6 %
 Loss on drying 0,5 %
 Darkened substances by H₂SO₄ p/t.
 Inorganic mercury compounds (as Hg) 0,70 %

Order code	Package	Units/Box st.
143886.1608	100 g	6
143886.1611	1000 g	6

Ethyl Methyl Ketone

(see Butanone)

Ethyl Nitrite 50% in ethanol 96% v/v PS

C₂H₅ONO

M: 75,07 CAS: 109-95-5 EINECS: 203-722-6 NC: 2920 90 85 UN: 1194

IMDG: 3/I ADR: 3/I IATA: 3/- PAX: P CAO: P

Signal Word: Danger



H224-H332-H312-H302

1l~0,864kg 1kg~1,157l

SPECIFICATIONS:

Assay (G.C.) ~50 %

Density at 20/4 0,840-0,850

Order code	Package	Units/Box st.
15A792.2210	500 ml	6

Ethyl Oxide

(see Diethyl Ether)

Ethyl Phenoxyacetate, 98% PS

C₁₀H₁₂O₃

M: 180,20 CAS: 2555-49-9 EINECS: 219-867-3 NC: 2909 30 90

1l~1,100kg 1kg~0,909l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C003.1606	25 ml	6
15C003.1608	100 ml	6

Ethyl Phenyl Ketone

(see Propiophenone)

2-Ethylpropionic Acid

(see 2-Methylbutyric Acid)

Ethyl Propyl Carbinol

(see 3-Hexanol)

Ethyl Trifluoroacetate, 98% PS

C₇H₅F₃O₂

M: 142,08 CAS: 383-63-1 EINECS: 206-851-6 NC: 2915 90 80 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H314-H400

1l~1,191kg 1kg~0,839l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Density at 20/4 1,191-1,194

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A793.1606	25 ml	6
15A793.1608	100 ml	6

Ethyl Violet (C.I. 42600) PA

for determination of surfactants

C₂₁H₂₂ClN₃

M: 492,10 CAS: 2390-59-2 EINECS: 219-231-5 NC: 3204 13 00

SPECIFICATIONS:

Identity IR p/t.

λ of max. ABS in H₂O 594-597 nm

A 1%, 1 cm, λ_{max} >1600

T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Cu 0,005 %

Fe 0,02 %

Ni 0,005 %

Pb 0,005 %

Order code	Package	Units/Box st.
123718.1606	25 g	6

Ethynylbenzene

(see Phenylacetylene)

Ethynyltrimethylsilane

(see Trimethylsilylacetylene)

Eucalyptol (USP) PRS-CODEX

C₁₀H₁₈O

M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00

Signal Word: Warning



H226

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Assay (G.C.) 98,0-100,0%

Identity according to Pharmacopoeias p/t.

Density at 25 /25 0,921-0,924

Freezing point >0°C

Distillation range 174-177°C

Refractive index n_D²⁰ 1,455-1,460

Specific rotation [α]_D²⁰ (without dil.) -0,5 to +0,5°

MAXIMUM LIMIT OF IMPURITIES

Phenol p/t.

Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
142085.1609	250 ml	6
142085.1611	1000 ml	6

Eucalyptol, 98% PS

C₁₀H₁₈O

M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00

Signal Word: Warning



H226

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Assay (G.C.) 98 %

Order code	Package	Units/Box st.
152085.1608	100 ml	6
152085.1610	500 ml	6

Eucalyptol QP

C₁₀H₁₈O

M: 154,24 CAS: 470-82-6 EINECS: 207-431-5 NC: 2909 20 00

Signal Word: Warning



H226

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Assay (G.C.) 98 %

Density at 20/4 0,915-0,925

Insoluble matter in C₂H₅OH p/t.

Order code	Package	Units/Box st.
212085.1609	250 ml	6
212085.1611	1000 ml	6
212085.1214	5 l	4

Eukitt ®, mounting medium DC

for microscopy, mounting medium (® Registered trade-mark of O. Kindler GmbH)

NC: 3822 00 00

Signal Word: Danger



H225-H332-H312-H315

SPECIFICATIONS:

Identity IR p/t.

Refractive Index n_D²⁰ 1,493-1,496

Order code	Package	Units/Box st.
253681.0008	100 ml	6
253681.0009	250 ml	6
253681.0010	500 ml	6

EUROPIUM SOLUTIONS

(see Standards for ICP)

Evans Blue (C.I. 23860) DC

C₃₄H₂₄N₆Na₄O₁₄S₄

M: 960,82 CAS: 314-13-6 EINECS: 206-242-5 NC: 3204 14 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H360D-H332-H312-H302

SPECIFICATIONS:

Identity IR p/t.

λ of max. ABS in H₂O 606-611 nm

A 1%, 1 cm, λ_{max} (a.d.s.) >725

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 15 %

Suitability for microscopy p/t.

Order code	Package	Units/Box st.
255486.1606	25 g	6

Fast Green FCF (C.I. 42053) DC

for microscopy
 $C_{37}H_{34}N_2Na_2O_{10}S_3$
 M: 808,84 CAS: 2353-45-9 EINECS: 219-091-5 NC: 3204 19 00
 Signal Word: Warning



H351

SPECIFICATIONS:

Identity.....IR p/t.
 λ of max. ABS in C_2H_5OH 50%.....622-626 nm
 A 1%, 1 cm, λ max.....>110
 Ratio λ max. P \pm 15 nm.....0,98-1,20
 T.L.C.p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C.....10 %

Order code	Package	Units/Box st.
255668.1606	25 g	6

Fast Staining in Haematology, Kit for

(see Kit for Fast Staining in Haematology)

FD & C Blue 1

(see Brilliant Blue FCF)

FD & C Yellow N° 5

(see Tartrazine)

Fehling's A Reagent DC

for determination of glucose in urine and reducing sugars

NC: 3822 00 00 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,024kg 1kg-0,977l
 Composition:
 Copper(II) Sulphate 5-hydrate.....48,30 g
 Sulphuric Acid 96%.....1 ml
 Water s.q.m.1 l

Order code	Package	Units/Box st.
251563.1210	500 ml	6
251563.1211	1000 ml	6

Fehling's B Reagent DC

for determination of glucose in urine and reducing sugars

NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,215kg 1kg-0,823l
 Composition:
 Sodium Hydroxide.....90 g
 Potassium Sodium Tartrate 4-hydrate.....300 g
 Water s.q.m.1 l

Order code	Package	Units/Box st.
251564.1210	500 ml	6
251564.1211	1000 ml	6

Fehling's A Reagent VINIKIT

for determination of reducing sugars

NC: 3822 00 00 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,045kg 1kg-0,957l
 Composition:
 Copper(II) Sulphate 5-hydrate.....70 g
 Sulphuric Acid 96%.....1 ml
 Water s.q.m.1 l

Order code	Package	Units/Box st.
624568.1209	250 ml	6

Fehling's B Reagent VINIKIT

for determination of reducing sugars

NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,239kg 1kg-0,807l
 Composition:
 Sodium Hydroxide.....100 g
 Potassium Sodium Tartrate 4-hydrate.....346 g
 Water s.q.m.1 l

Order code	Package	Units/Box st.
624569.1209	250 ml	6

Fehling's Reagent Composite DC

for determination of glucose in urine

NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314-H411

1l-1,122kg 1kg-0,891l
 Composition:
 Fehling's A Reagent.....500 ml
 Fehling's B Reagent.....500 ml

Order code	Package	Units/Box st.
253203.1611	1000 ml	6

Fermentation, Malo-Lactic

(see Malo-Lactic Kit)

Ferric

(see Iron(III) compounds)

Ferrocene, 98% PS

(C_5H_5)₂Fe

M: 186,04 CAS: 102-54-5 EINECS: 203-039-3 NC: 2931 00 95 UN: 1325
 IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H228-H302-H411

SPECIFICATIONS:
 Minimum assay98 %
 Identity.....IR p/t.
 Melting range.....172-175 °C

Order code	Package	Units/Box st.
15A392.1608	100 g	6
15A392.1610	500 g	6

Ferrouin solution 0,025 mol/l (0,025M) RV

redox indicator

$C_{36}H_{24}FeN_6O_6S$

M: 692,24 CAS: 14634-91-4 EINECS: 238-676-6 NC: 3822 00 00
 Signal Word: Warning



H302-H412

1l-1,008kg 1kg-0,992l

SPECIFICATIONS:
 MAXIMUM LIMIT OF IMPURITIES
 Suitability as redox indicatorp/t.

Order code	Package	Units/Box st.
283462.1608	100 ml	6
283462.1609	250 ml	6

Ferrous

(see Iron(II) compounds)

Ferrozine

(see 3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4',4''-Disulfonic Acid Disodium Salt)

Fixative Reagent DC

for electron microscopy, buffer
 NC: 3822 00 00 UN: 2810
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Danger



H331-H301

Composition:
 Sodium Cacodylate 2,14 g
 Hydrochloric Acid 1 mol/l 4 ml
 Calcium Chloride 0,1 mol/l 1 ml
 Saccharose 3 g
 Water s.q.m 100 ml
 pH: 7,4

Order code	Package	Units/Box st.
255281.1210	500 ml	6

Fixing for fast staining (Panoptic No. 1) DC

for microscopy, blood smear staining or medullary smear staining
 NC: 3822 00 00 UN: 1992
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,791kg 1kg-1,264l
 Composition:
 Crystal Violet 2 mg
 Methanol s.q.m 1000 ml

Order code	Package	Units/Box st.
254101.1210	500 ml	6
254101.1212	2,5 l	4

Fixing B-5 DC

for microscopy
 NC: 3822 00 00 UN: 2810
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger



H330-H310-H300-H373-H411

1l-1,051kg 1kg-0,951l
 Composition:
 Mercury(II) Chloride 6 g
 Sodium Acetate 3-hydrate 2,06 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
253500.1211	1000 ml	6

Fluoboric Acid

(see Tetrafluoroboric Acid)

Fluorene, 98% PS

C₁₃H₁₀
 M: 166,22 CAS: 86-73-7 EINECS: 201-695-5 NC: 2902 90 90

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t
 Melting range 114-116°C

Order code	Package	Units/Box st.
15B686.1206	25 g	6
15B686.1208	100 g	6
15B686.1210	500 g	6

9-Fluorenylmethanol, 99% PS

C₁₄H₁₂O
 M: 196,24 CAS: 24324-17-2 EINECS: 246-167-5 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A456.1605	10 g	6
15A456.1607	50 g	6

(9-Fluorenylmethoxycarbonyl)

(see Fmoc derivatives)

N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS

C₁₉H₁₆NO₅
 M: 337,33 CAS: 82911-69-1 NC: 2925 19 95

Signal Word: Warning



H302-H317-H411

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A457.1604	5 g	6
15A457.1606	25 g	6

Fluorescein (C.I. 45350) PA

adsorption indicator
 C₂₀H₁₂O₅
 M: 332,32 CAS: 2321-07-5 EINECS: 219-031-8 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in NaOH 0,1 mol/l 487-491 nm
 A 1%, 1 cm, λ_{max} >2200
 T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as Br reagent p/t
 Suitability as adsorption indicator p/t

Order code	Package	Units/Box st.
121832.1606	25 g	6
121832.1608	100 g	6
121832.1609	250 g	6

Fluorescein Complexone

(see Calcein)

Fluorescein Sodium (C.I. 45350) PA

adsorption indicator
 C₂₀H₁₀Na₂O₅
 M: 376,30 CAS: 518-47-8 EINECS: 208-253-0 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in H₂O 488-490 nm
 A 1%, 1 cm, λ_{max} >1750
 T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Acriflavine p/t
 Reagent sensitivity to Br p/t

Order code	Package	Units/Box st.
122389.1606	25 g	6
122389.1608	100 g	6
122389.1609	250 g	6

Fluorexone

(see Calcein)

FLUORIDE SOLUTIONS

(see Standards for Atomic Absorption and Ionic Chromatography)

2-Fluoroacetamide, 98% PS

C₂H₄FNO
 M: 77,06 CAS: 640-19-7 EINECS: 211-363-1 NC: 2924 19 00
 Signal Word: Warning



H311-H300

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B410.1603	1 g	6
15B410.1604	5 g	6

2'-Fluoroacetanilide, 98% PS

C₈H₈FNO
 M: 153,16 CAS: 399-31-5 EINECS: 206-916-9 NC: 2924 29 95
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B415.1604	5 g	6
15B415.1606	25 g	6

3'-Fluoroacetanilide, 98% PS

C₈H₈FNO
 M: 153,16 CAS: 351-28-0 EINECS: 206-509-6 NC: 2924 29 95
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B416.1604	5 g	6
15B416.1606	25 g	6

4'-Fluoroacetanilide, 98% PS

C₈H₈FNO

M: 153,15 CAS: 351-83-7 EINECS: 206-515-9 NC: 2924 29 95

Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B417.1606	25 g	6
15B417.1608	100 g	6

2'-Fluoroacetophenone, 97% PS

C₈H₈FO

M: 138,14 CAS: 445-27-2 EINECS: 207-156-0 NC: 2914 39 00

Signal Word: Warning

H319-H335-H315

1l-1,137kg 1kg-0,880l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B344.1604	5 ml	6
15B344.1606	25 ml	6

3'-Fluoroacetophenone, 98% PS

C₈H₈FO

M: 138,14 CAS: 455-36-7 EINECS: 207-245-4 NC: 2914 39 00

Signal Word: Warning

H319-H335-H315

1l-1,126kg 1kg-0,888l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B345.1604	5 ml	6
15B345.1606	25 ml	6

4'-Fluoroacetophenone, 98% PS

C₈H₈FO

M: 138,14 CAS: 403-42-9 EINECS: 206-960-9 NC: 2914 39 00

Signal Word: Warning

H319-H335-H315

1l-1,14kg 1kg-0,877l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B346.1606	25 ml	6
15B346.1608	100 ml	6

2-Fluoroaniline, 99% PS

C₈H₈FN

M: 111,12 CAS: 348-54-9 EINECS: 206-478-9 NC: 2921 42 10 UN: 2941

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning

H302-H319-H315

1l-1,152kg 1kg-0,868l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B232.1606	25 ml	6
15B232.1608	100 ml	6

3-Fluoroaniline, 99% PS

C₈H₈FN

M: 111,12 CAS: 372-19-0 EINECS: 206-747-0 NC: 2921 42 10 UN: 2941

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning

H319-H315

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B233.1606	25 ml	6
15B233.1608	100 ml	6

4-Fluoroaniline, 99% PS

C₈H₈FN

M: 111,12 CAS: 371-40-4 EINECS: 206-735-5 NC: 2921 42 10 UN: 2941

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning

H302-H319-H315

1l-1,173kg 1kg-0,853l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B234.1607	50 ml	6
15B234.1609	250 ml	6

3-Fluoro-p-Anisaldehyde

(see 3-Fluoro-4-Methoxybenzaldehyde)

2-Fluoroanisole, 99% PS

C₇H₈FO

M: 126,13 CAS: 321-28-8 EINECS: 206-284-4 NC: 2909 30 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H226

1l-1,124kg 1kg-0,890l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B241.1606	25 ml	6
15B241.1608	100 ml	6

3-Fluoroanisole, 99% PS

C₇H₈FO

M: 126,1 CAS: 456-49-5 EINECS: 207-267-4 NC: 2909 30 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H226

1l-1,104kg 1kg-0,906l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B406.1606	25 ml	6
15B406.1608	100 ml	6

5-Fluoroanthranilic Acid

(see 2-Amino-5-Fluorobenzoic Acid)

2-Fluorobenzaldehyde, 97% PS

C₈H₈FO

M: 124,11 CAS: 446-52-6 EINECS: 207-171-2 NC: 2913 00 00 UN: 1989

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H226-H302-H315

1l-1,178kg 1kg-0,849l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B282.1606	25 ml	6
15B282.1608	100 ml	6

3-Fluorobenzaldehyde, 99% PS

C₈H₈FO

M: 124,12 CAS: 456-48-4 EINECS: 207-266-9 NC: 2913 00 00 UN: 1989

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning

H302-H315

1l-1,17kg 1kg-0,85l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B283.1605	10 ml	6
15B283.1607	50 ml	6

4-Fluorobenzaldehyde, 99% PS

C₇H₅FO

M: 124,12 CAS: 459-57-4 EINECS: 207-293-6 NC: 2913 00 00 UN: 1989
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H315

1l-1,176kg 1kg~0,850l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B284.1607	50 ml	6
15B284.1609	250 ml	6

2-Fluorobenzoic Acid, 98% PS

C₇H₅FO₂

M: 140,12 CAS: 445-29-4 EINECS: 207-158-1 NC: 2916 39 00

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A961.1606	25 g	6
15A961.1608	100 g	6

2-Fluorobenzonitrile, 98% PS

C₇H₄FN

M: 121,11 CAS: 394-47-8 EINECS: 206-897-7 NC: 2926 90 95

1l-1,138kg 1kg~0,879l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B294.1604	5 ml	6
15B294.1606	25 ml	6

3-Fluorobenzonitrile, 98% PS

C₇H₄FN

M: 121,11 CAS: 403-54-3 EINECS: 206-963-5 NC: 2926 90 95

Signal Word: Warning



H332-H312-H302-H319-H335-H315

1l-1,133kg 1kg~0,883l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B295.1604	5 ml	6
15B295.1606	25 ml	6

4-Fluorobenzonitrile, 99% PS

C₇H₄FN

M: 121,11 CAS: 1194-02-1 EINECS: 214-784-9 NC: 2926 90 95

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B296.1604	5 g	6
15B296.1606	25 g	6

2-Fluorobenzoyl Chloride, 98% PS

C₇H₄ClFO

M: 158,56 CAS: 393-52-2 EINECS: 206-887-2 NC: 2916 39 00 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,331kg 1kg~0,751l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B371.1606	25 ml	6
15B371.1608	100 ml	6

3-Fluorobenzoyl Chloride, 98% PS

C₇H₄ClFO

M: 158,56 CAS: 1711-07-5 EINECS: 216-977-3 NC: 2916 39 00 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,304kg 1kg~0,767l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B372.1604	5 ml	6
15B372.1606	25 ml	6

2-Fluorobenzylamine, 97% PS

C₇H₈FN

M: 125,14 CAS: 89-99-6 EINECS: 201-957-9 NC: 2921 49 80 UN: 1719

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,095kg 1kg~0,913l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B389.1603	1 ml	6
15B389.1605	10 ml	6

3-Fluorobenzylamine, 97% PS

C₇H₈FN

M: 125,14 CAS: 100-82-3 EINECS: 202-891-3 NC: 2921 49 80 UN: 1719

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,097kg 1kg~0,912l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B390.1603	1 ml	6
15B390.1604	5 ml	6

4-Fluorobenzylamine, 97% PS

C₇H₈FN

M: 125,14 CAS: 140-75-0 EINECS: 205-430-4 NC: 2921 49 80 UN: 1719

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,095kg 1kg~0,913l

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B391.1604	5 ml	6
15B391.1606	25 ml	6

2-Fluorobenzyl Bromide, 98% PS

C₇H₆BrF

M: 189,02 CAS: 446-48-0 EINECS: 207-169-1 NC: 2903 69 90 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,567kg 1kg~0,638l

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B355.1604	5 ml	6
15B355.1606	25 ml	6

3-Fluorobenzyl Bromide, 98% PS

C₇H₆BrF
 M: 189,03 CAS: 456-41-7 EINECS: 207-263-2 NC: 2903 69 90 UN: 3265
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,546kg 1kg-0,647l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B356.1604	5 ml	6
15B356.1606	25 ml	6

4-Fluorobenzyl Bromide, 97% PS

C₇H₆BrF
 M: 189,02 CAS: 459-46-1 EINECS: 207-291-5 NC: 2903 69 90 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,517kg 1kg-0,659l

SPECIFICATIONS:
 Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B357.1604	5 ml	6
15B357.1606	25 ml	6

2-Fluorobenzyl Chloride, 98% PS

C₇H₆ClF
 M: 144,58 CAS: 345-35-7 EINECS: 206-460-0 NC: 2903 69 90 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,216kg 1kg-0,822l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B352.1606	25 ml	6
15B352.1608	100 ml	6

3-Fluorobenzyl Chloride, 97% PS

C₇H₆ClF
 M: 144,58 CAS: 456-42-8 EINECS: 207-264-8 NC: 2903 69 90 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,213kg 1kg-0,824l

SPECIFICATIONS:
 Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B353.1604	5 ml	6
15B353.1606	25 ml	6

4-Fluorobenzyl Chloride, 99% PS

C₇H₆ClF
 M: 144,58 CAS: 352-11-4 EINECS: 206-516-4 NC: 2903 69 90 UN: 2920
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,212kg 1kg-0,825l

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B354.1606	25 ml	6
15B354.1608	100 ml	6

4-Fluorocinnamic Acid, 98% PS

C₉H₇FO
 M: 166,15 CAS: 459-32-5 EINECS: 207-288-9 NC: 2916 39 00
 Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A352.1604	5 g	6
15A352.1606	25 g	6

3'-Fluoro-4'-Methoxyacetophenone, 99% PS

C₉H₈FO₂
 M: 168,17 CAS: 455-91-4 EINECS: 207-253-8 NC: 2914 50 00
 Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C057.1603	1 g	6
15C057.1604	5 g	6

3-Fluoro-4-Methoxybenzaldehyde, 98% PS

C₉H₈FO₂
 M: 154,14 CAS: 351-54-2 EINECS: 206-514-3 NC: 2913 00 00
 Signal Word: Warning

H319-H335-H315

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C079.1603	1 g	6
15C079.1604	5 g	6

1-Fluoro-2-Nitrobenzene, 99% PS

C₆H₄FNO₂
 M: 141,10 CAS: 1493-27-2 EINECS: 216-088-0 NC: 2904 90 85
 Signal Word: Warning

H319

1l-1,335kg 1kg-0,749l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B585.1607	50 ml	6
15B585.1609	250 ml	6

1-Fluoro-4-Nitrobenzene, 99% PS

C₆H₄FNO₂
 M: 141,10 CAS: 350-46-9 EINECS: 206-502-8 NC: 2904 90 85 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Warning

H332

1l-1,329kg 1kg-0,752l
 SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B516.1608	100 ml	6
15B516.1610	500 ml	6

o-Fluoronitrobenzene

(see 1-Fluoro-2-Nitrobenzene)

p-Fluoronitrobenzene

(see 1-Fluoro-4-Nitrobenzene)

3-Fluorophenol, 99% PS

C₆H₅FO

M: 112,10 CAS: 372-20-3 EINECS: 206-748-6 NC: 2908 19 00 UN: 2810
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H319-H315

1l-1,240kg 1kg~0,806l

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B272.1605	10 ml	6
15B272.1607	50 ml	6

N-(4-Fluorophenyl) Acetamide

(see 4'-Fluoroacetanilide)

1-(2-Fluorophenyl) Ethanone

(see 2'-Fluoroacetophenone)

2-Fluorophenylhydrazinium Chloride, 97% PS

C₈H₇FN₂·HCl

M: 162,60 CAS: 2924-15-4 EINECS: 220-885-9 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B382.1604	5 g	6
15B382.1606	25 g	6

3-Fluorophenylhydrazinium Chloride, 97% PS

C₈H₇FN₂·HCl

M: 162,60 CAS: 2924-16-5 EINECS: 220-886-4 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B383.1604	5 g	6
15B383.1605	10 g	6

4-Fluorophenylhydrazinium Chloride, 97% PS

C₈H₇FN₂·HCl

M: 162,59 CAS: 823-85-8 EINECS: 212-521-2 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B384.1605	10 g	6
15B384.1607	50 g	6

4-Fluorothiophenol, 98% PS

C₆H₅FS

M: 128,16 CAS: 371-42-6 EINECS: 206-737-6 NC: 2930 90 85 UN: 1992
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l-1,203kg 1kg~0,831l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B639.1605	10 ml	6
15B639.1606	25 ml	6

2-Fluorotoluene, 99% PS

C₇H₇F

M: 110,13 CAS: 95-52-3 EINECS: 202-428-5 NC: 2903 69 90 UN: 2388
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H315

1l-1,004kg 1kg~0,996l

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B303.1608	100 ml	6
15B303.1610	500 ml	6

N-Fmoc-L-Alanine, 98% PS

C₁₅H₁₇NO₄

M: 311,83 CAS: 35661-39-3 EINECS: 252-660-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B097.1603	1 g	6
15B097.1604	5 g	6

N-α-Fmoc-L-Arginine, 98% PS

C₂₁H₂₄N₄O₄

M: 396,44 CAS: 91000-69-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B104.1603	1 g	6
15B104.1604	5 g	6

N-α-Fmoc-L-Asparagine, 98% PS

C₁₉H₁₈N₂O₅

M: 354,36 CAS: 71989-16-7 EINECS: 276-252-2 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B105.1604	5 g	6
15B105.1606	25 g	6

N-Fmoc-L-Aspartic Acid, 98% PS

C₁₉H₁₇NO₆

M: 355,35 CAS: 119062-05-4 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B106.1603	1 g	6
15B106.1604	5 g	6

N-α-Fmoc-L-Glutamine, 98% PS

C₂₀H₂₀N₂O₅

M: 368,38 CAS: 71989-20-3 EINECS: 276-254-3 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B107.1604	5 g	6
15B107.1606	25 g	6

N-Fmoc-Glycine, 98% PS

C₁₇H₁₅NO₄

M: 297,32 CAS: 29022-11-5 EINECS: 249-373-3 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B108.1603	1 g	6
15B108.1604	5 g	6

N-Fmoc-L-Isoleucine, 98% PS

C₂₁H₂₃NO₄

M: 353,41 CAS: 71989-23-6 EINECS: 276-255-9 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B109.1604	5 g	6
15B109.1606	25 g	6

N-Fmoc-L-Leucine, 98% PS

C₂₁H₂₃NO₄

M: 353,41 CAS: 35661-60-0 EINECS: 252-662-7 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B110.1604	5 g	6
15B110.1606	25 g	6

N-Fmoc-L-Methionine, 98% PS

C₂₀H₂₁NO₂S

M: 371,46 CAS: 71989-28-1 EINECS: 276-258-5 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B111.1603	1 g	6
15B111.1604	5 g	6

N-Fmoc-L-Phenylalanine, 98% PS

C₂₄H₂₁NO₂

M: 387,43 CAS: 35661-40-6 EINECS: 252-661-1 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B112.1604	5 g	6
15B112.1606	25 g	6

N-Fmoc-L-Proline, 98% PS

C₂₀H₁₉NO₂

M: 337,37 CAS: 71989-31-6 EINECS: 276-259-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B113.1604	5 g	6
15B113.1606	25 g	6

N-Fmoc-L-Serine, 98% PS

C₁₈H₁₇NO₂

M: 327,34 CAS: 73724-45-5 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B114.1604	5 g	6
15B114.1606	25 g	6

N-Fmoc-L-Threonine 1-hydrate, 98% PS

C₁₉H₁₉NO₂·H₂O

M: 359,38 CAS: 73731-37-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B115.1604	5 g	6

N- α -Fmoc-L-Tryptophan, 98% PS

C₂₈H₂₂N₂O₄

M: 426,47 CAS: 35737-15-6 EINECS: 252-70-65 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B116.1603	1 g	6
15B116.1604	5 g	6

N-Fmoc-L-Tyrosine, 98% PS

C₂₄H₂₁NO₂

M: 403,43 CAS: 92954-90-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B117.1603	1 g	6
15B117.1604	5 g	6

N-Fmoc-L-Valine, 98% PS

C₂₀H₂₁NO₂

M: 339,39 CAS: 68858-20-8 EINECS: 272-515-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B118.1603	1 g	6
15B118.1604	5 g	6

Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX

C₁₉H₁₉N₇O₆

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay (HPLC) calc. a.a.s. 98,0-102,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,2 %

Related substances p/t.

Residual solvents (Ph.Eur./USP) p/t.

Water (H₂O) 5,0-8,5 %

Order code	Package	Units/Box st.
14B216.1209	250 g	6

Folic Acid (F.C.C.) ADITIO

C₁₉H₁₉N₇O₆

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay (HPLC) calc. a.a.s. 98,0-102,0 %

Ratio A₂₅₄/A₂₈₅ 2,80-3,00

Residue on ignition, not more than 0,3 %

Water (H₂O), not more than 8,5 %

Lead, not more than 2 ppm

Specifications F.C.C. 6

Order code	Package	Units/Box st.
20B216.1208	100 g	6
20B216.1211	1 kg	6

Folic Acid, 97% PS

C₁₉H₁₉N₇O₆

M: 441,40 CAS: 59-30-3 EINECS: 200-419-0 NC: 2936 29 10

SPECIFICATIONS:

Assay 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B216.1605	10 g	6
15B216.1607	50 g	6

Folin's A Reagent cuprotartaric DC

for determination of amylasemie, galactose and glucose

NC: 3822 00 00

H412

1l-1,041kg 1kg-0,961l

Composition:

Sodium Carbonate 10-hydrate 10,7 g

Tartaric Acid 0,75 g

Copper(II) Sulphate 5-hydrate 0,45 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
251565.1609	250 ml	6

Folin's B Reagent phosphotungstic-molybdic DC

for determination of amylasemie, galactose and glucose

NC: 3822 00 00

1l-1,269kg 1kg-0,788l

Composition:

Molybdic Acid 85% 7 g

Sodium Tungstate 2-hydrate 1 g

Sodium Hydroxide pellets 4 g

ortho-Phosphoric Acid 85% 25 ml

Water s.q.m 100 ml

Order code	Package	Units/Box st.
251566.1609	250 ml	6

Folin-Ciocalteu's Reagent DC

phenol reagent

NC: 3822 00 00

1l-1,234kg 1kg-0,810l

Composition:

Sodium Tungstate 2-hydrate 10 g

Sodium Molybdate 2-hydrate 2,5 g

ortho-Phosphoric Acid 85% 5 ml

Hydrochloric Acid 35% 10 ml

Lithium Sulphate 1-hydrate 15 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
251567.1609	250 ml	6

Folin-Ciocalteu's Reagent VINIKIT

phenol reagent

NC: 3822 00 00

1l-1,234kg 1kg-0,810l

Composition:

Sodium Tungstate 2-hydrate 10 g

Sodium Molybdate 2-hydrate 2,5 g

ortho-Phosphoric Acid 85% 5 ml

Hydrochloric Acid 35% 10 ml

Lithium Sulphate 1-hydrate 15 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
621567.1609	250 ml	6

Folin-Denis' Reagent DC

for determination of uric acid

NC: 3822 00 00

Signal Word: Warning



H319-H315-

1l~1,137kg 1kg~0,879l

Composition:

Sodium Tungstate 2-hydrate 10 g
ortho-Phosphoric Acid 85% 8 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
251568.1609	250 ml	6

Formaldehyde 37-38% w/w stabilized with methanol PA-ACS

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H331-H311-H301-H314-H351-H317

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Assay (Acidim.) 36,5-38,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Residue on ignition (as SO₄) 0,005 %
Acidity 0,006 meq/g
Methanol (G.C.)/v/v 9,0-14,0 %
Chloride (Cl) 0,0005 %
Sulphate (SO₄) 0,002 %
Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 1	Fe 1	Pb 1
Al 1	Ga 1	Pt 1
As 1	Ge 1	S 1
Au 1	Hg 1	Sb 1
B 1	In 1	Si 1
Ba 1	K 10	Sn 1
Be 1	Li 1	Sr 1
Bi 1	Mg 1	Ti 1
Ca 5	Mn 1	Tl 1
Cd 1	Mo 1	V 1
Co 1	Na 10	Zn 1
Cr 1	Ni 1	Zr 1
Cu 1	P 1	

Order code	Package	Units/Box st.
131328.1211	1000 ml	6
131328.1212	2,5 l	4
131328.1214	5 l	4
131328.0716	25 l	
131328.0718	60 l	

Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H331-H311-H301-H314-H351-H317

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Assay 37,0-38,0 %

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O p/t
Residue on ignition (as SO₄) 0,05 %
Residual solvents (Ph.Eur./USP) p/t
Acidity p/t
Methanol (G.C.)(v/v) 9,0-15,0 %
Chloride (Cl) 0,003 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141328.1211	1000 ml	6
141328.1212	2,5 l	4
141328.1214	5 l	4
141328.0716	25 l	
141328.0718	60 l	
141328.0719	200 l	

Formaldehyde 35-40% w/v stabilized with methanol QP

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H331-H311-H301-H314-H351-H317

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Assay (Acidim.) 35-40 %
Methanol (G.C.) v/v 9-14 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,005 %
Fe 0,002 %

Order code	Package	Units/Box st.
211328.1211	1000 ml	6
211328.1214	5 l	4
211328.0716	25 l	
211328.0718	60 l	
211328.0719	200 l	

Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC

for histology

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00 UN: 2209

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H331-H311-H301-H314-H351-H317

1l~1,08kg 1kg~0,93l

SPECIFICATIONS:

Assay (Iodom.) 30-36 %
pH 6,8-7,2

Order code	Package	Units/Box st.
253572.1211	1000 ml	6
253572.1212	2,5 l	4
253572.1214	5 l	4
253572.0716	25 l	

Formaldehyde solution 10% neutralized, stabilized with methanol PRS

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00

Signal Word: Warning



H332-H312-H302-H319-H335-H315-H351-H317

1l~1,028kg 1kg~0,973l

SPECIFICATIONS:

Assay (Iodom.) 10 %

Order code	Package	Units/Box st.
143091.1214	5 l	4
143091.0716	25 l	

Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC

for histology

CH₂O

M: 30,03 CAS: 50-00-0 EINECS: 200-001-8 NC: 2912 11 00

Signal Word: Warning



H351-H317

1l~1,019kg 1kg~0,981l

SPECIFICATIONS:

Assay (Iodom.) 3,7-4,0 %
pH 6,8-7,2
Methanol (w/v) 1 - 1,5 %

Order code	Package	Units/Box st.
252931.0922	48 x 20 ml	6
252931.1211	1000 ml	6
252931.1212	2,5 l	4
252931.1214	5 l	4
252931.1315	10 l	(*)
252931.0716	25 l	
252931.0718	60 l	

p-Formaldehyde

(see Paraformaldehyde)

(*) Sol-Pack pack with tap

Formaldehyde Dimethylacetal , 98% PS

CH₂OCH₂OCH₃
 M: 76,10 CAS: 109-87-5 EINECS: 203-714-2 NC: 2911 00 00 UN: 1234
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Warning

H225-H317
 1l-0,858kg 1kg-1,165l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,858-0,860
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15A798.1611	1000 ml	6

Formaldehyde Ethylene Acetal

(see 1,3-Dioxolane)

Formaldehyde Sodium Sulphoxylate

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

Formaldehyde Sulphoxylate Sodium Salt

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

Formaldehyde, Substitute of

(see Histofix)

Formaline

(see Formaldehyde)

Formamide PA-ACS

HCONH₂
 M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
 Signal Word: Danger

H360D
 1l-1,134kg 1kg-0,882l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 20/4 1,132-1,135
 Freezing point 2,0-3,0°C

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Formic Acid (HCOOH) 0,02 %
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,5	Ga 0,5	Pt 0,5
Al 0,5	Ge 0,5	S 0,5
Au 0,5	Hg 0,5	Sb 0,5
B 0,5	In 0,5	Si 0,5
Ba 0,5	K 20	Sn 0,5
Be 0,5	Li 0,5	Sr 0,5
Bi 0,5	Mg 1	Ti 0,5
Ca 5	Mn 1	Tl 0,5
Cd 1	Mo 0,5	V 0,5
Co 1	Na 20	Zn 0,5
Cr 1	Ni 1	Zr 0,5
Cu 1	P 0,5	
Fe 1	Pb 1	

Order code	Package	Units/Box st.
131956.1611	1000 ml	6
131956.1612	2,5 l	4

Formamide PRS

HCONH₂
 M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
 Signal Word: Danger

H360D
 1l-1,134kg 1kg-0,882l
SPECIFICATIONS:
 Assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,132-1,135
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,2 %
 Methanol (G.C.) 0,2 %
 Formic Acid (HCOOH) 0,02 %
 Water (H₂O) 0,3 %
 Cu 0,0005 %
 Fe 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
141956.1211	1000 ml	6
141956.1214	5 l	4
141956.0716	25 l	

Formamide, 98% PS

HCONH₂
 M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
 Signal Word: Danger

H360D
 1l-1,134kg 1kg-0,882l
SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR s/e.
 Density at 20/4 1,132-1,135
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161956.1211	1000 ml	6
161956.1214	5 l	4

Formamide AQUAMETRIC KF dry RV

for volumetric Karl Fischer titrations
 HCONH₂
 M: 45,04 CAS: 75-12-7 EINECS: 200-842-0 NC: 2924 19 00
 Signal Word: Danger

H360D
 1l-1,134kg 1kg-0,882l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Density at 20/4 1,132-1,135
MAXIMUM LIMIT OF IMPURITIES
 Water (H₂O) 0,03 %

Order code	Package	Units/Box st.
281956.1611	1000 ml	6

Formamidinium Acetate, 99% PS

C₃H₈N₂O₂
 M: 104,11 CAS: 3473-63-0 EINECS: 222-442-5 NC: 2925 19 95
 Signal Word: Warning

H319-H335-H315
SPECIFICATIONS:
 Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B687.1208	100 g	6
15B687.1210	500 g	6

Formic Acid 98% PA-ACS

HCOOH
 M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,22kg 1kg-0,82l
SPECIFICATIONS:
 Minimum assay (Acidim.) 98,0 %
MAXIMUM LIMIT OF IMPURITIES
 APHA colour 15
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,003 %
 Acetic Acid (CH₃COOH) 0,4 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,003 %
 Sulphite (SO₃) 0,001 %
 Ammonium (NH₄) 0,005 %
 Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Fe 0,1	Pb 0,02
Al 0,05	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,05	In 0,05	Sn 0,05
Be 0,02	K 0,1	Sr 0,02
Bi 0,05	Li 0,02	Ti 0,05
Ca 0,5	Mg 0,5	Tl 0,02
Cd 0,05	Mn 0,05	V 0,02
Co 0,02	Mo 0,02	Zn 0,05
Cr 0,02	Na 1	Zr 0,05
Cu 0,02	Ni 0,05	

Order code	Package	Units/Box st.
131030.1611	1000 ml	6
131030.1612	2,5 l	4
131030.1214	5 l	4

Formic Acid 98% PRS

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,22kg 1kg-0,82l

SPECIFICATIONS:

Assay (Acidim.).....	98 %
Non-volatile matter.....	0,01 %
Chloride (Cl).....	0,002 %
Ammonium (NH ₄).....	0,01 %
Sulphate (SO ₄).....	0,005 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
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141030.1611	1000 ml	6
141030.1612	2,5 l	4
141030.1214	5 l	4
141030.0716	25 l	
141030.0718	60 l	

Formic Acid 98% (F.C.C.) ADITIO

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,22kg 1kg-0,82l

SPECIFICATIONS:

Assay (as CH ₂ O ₂), not less than.....	98,0 %
Acetic Acid, not more than.....	0,4 %
Oxalic Acid, not more than.....	0,5 %
Non-volatile residue, not more than.....	0,05 %
Specific weight at 20°C.....	1,216-1,220
Aldehydes.....	p/t
Dilution test.....	p/t
Formaldehyde, not more than.....	0,1 %
Heavy metals (as Pb), not more than.....	10 ppm
Chloride (Cl), not more than.....	50 ppm
Sulphate, not more than.....	0,004 %
Sulphite.....	p/t

Specifications Dir.76/463/CEE, F.C.C. 6

Order code	Package	Units/Box st.
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201030.1214	5 l	4
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Formic Acid 85% PA

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 85,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	15
Insoluble matter in H ₂ O.....	p/t
Non-volatile matter.....	0,002 %
Acetic Acid (CH ₃ COOH).....	0,4 %
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,002 %
Sulphite (SO ₃).....	0,001 %
Ammonium (NH ₄).....	0,005 %
Heavy metals (as Pb).....	0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....	0,02	Fe.....	0,1	Pb.....	0,02
Al.....	0,05	Ga.....	0,05	Pt.....	0,1
Au.....	0,1	Ge.....	0,02	Sb.....	0,02
B.....	0,05	Hg.....	0,1	Si.....	0,1
Ba.....	0,05	In.....	0,05	Sn.....	0,05
Be.....	0,02	K.....	0,1	Sr.....	0,02
Bi.....	0,05	Li.....	0,02	Tl.....	0,05
Ca.....	0,5	Mg.....	0,5	Ti.....	0,02
Cd.....	0,05	Mn.....	0,05	V.....	0,02
Co.....	0,02	Mo.....	0,02	Zn.....	0,05
Cr.....	0,02	Na.....	1	Zr.....	0,05
Cu.....	0,02	Ni.....	0,05		

Order code	Package	Units/Box st.
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121029.1611	1000 ml	6
121029.1612	2,5 l	4
121029.1214	5 l	4
121029.0716	25 l	

Formic Acid 85% PRS

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Assay (Acidim.).....	85 %
Non-volatile matter.....	0,01 %
Chloride (Cl).....	0,002 %
Ammonium (NH ₄).....	0,01 %
Sulphate (SO ₄).....	0,005 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
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141029.1611	1000 ml	6
141029.1612	2,5 l	4
141029.1214	5 l	4
141029.0716	25 l	

Formic Acid 85% (F.C.C.) ADITIO

HCOOH

M: 46,03 CAS: 64-18-6 EINECS: 200-579-1 NC: 2915 11 00 UN: 1779
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Assay (as CH ₂ O ₂), not less than.....	85,0 %
Acetic Acid, not more than.....	0,4 %
Oxalic Acid, not more than.....	0,5 %
Non-volatile residue, not more than.....	0,05 %
Aldehydes.....	p/t
Dilution test.....	p/t
Formaldehyde, not more than.....	0,1 %
Heavy metals (as Pb), not more than.....	10 ppm
Chloride (Cl), not more than.....	50 ppm
Sulphate, not more than.....	0,004 %
Sulphite.....	p/t

Specifications F.C.C. 6

Order code	Package	Units/Box st.
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201029.1214	5 l	4
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Formic Acid Amide

(see Formamide)

Formic Acid Dimethylamide

(see N,N-Dimethylformamide)

Formol

(see Formaldehyde)

Formol Absorbent RE

NC: 3822 00 00

Signal Word: Warning



H319

SPECIFICATIONS:

Suitability as formol absorbent p/t.

Order code	Package	Units/Box st.
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176457.1210	500 g	6
176457.1211	1000 g	6

3-Formylbenzonitrile

(see 3-Cyanobenzaldehyde)

2-Formylpyrrole

(see Pyrrole-2-Carboxaldehyde)

Fried Oils Kit

(see OXI-OLEO-TEST)

D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{12}O_6$
M: 180,16 CAS: 57-48-7 EINECS: 200-333-3 NC: 1702 50 00
SPECIFICATIONS:
 Assay (as $C_6H_{12}O_6$)98,0-102,0%
 Identity according to Pharmacopoeias p/t.
 Specific rotation $[\alpha]_D^{20} c=10$ (in H_2O) calc. a.d.s -91,0 to -93,5°

MAXIMUM LIMIT OF IMPURITIES
 Appearance and colour of solution p/t.
 Loss on drying at 70°C 0,5 %
 Residue on ignition (as SO_2) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Acidity p/t.
 Foreign sugars p/t.
 Hydroxymethylfurfural and related compounds p/t.
 Water (H_2O) 0,5 %
 Chloride (Cl) 0,005 %
 Sulphate (SO_4) 0,005 %
 Calcium and Magnesium (as Ca) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %
 Ba p/t.
 Ca 0,002 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,002 %
 Ni 0,001 %
 Pb 0,00005 %

Order code	Package	Units/Box st.
142728.1210	500 g	6
142728.1211	1000 g	6
142728.1214	5 kg	4

D(-)-Fructose (F.C.C.) ADITIO

$C_6H_{12}O_6$
M: 180,16 CAS: 57-48-7 EINECS: 200-333-3 NC: 1702 50 00
SPECIFICATIONS:
 Assay (as $C_6H_{12}O_6$) after drying98,0-102,0%
 Arsenic (as As), not more than 1 ppm
 Lead, not more than 0,1 ppm
 Chloride, not more than 0,018 %
 Glucose, not more than 0,5 %
 Hydroxymethylfurfural (calc. on the dried basis), not more than 0,1 %
 Loss on drying, not more than 0,5 %
 Residue on ignition, not more than 0,5 %
 Sulphate, not more than 0,025 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202728.1214	5 kg	4
202728.0416	25 kg	

Fuchsin Acid (C.I. 42685) DC

for microscopy, blood smear staining
 $C_{20}H_{17}N_3Na_2O_5S_3$
M: 585,54 CAS: 3244-88-0 EINECS: 221-816-5 NC: 3204 12 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in HCl 0,005 mol/l 540-545 nm
 A 1%, 1 cm, λ_{max} >800
 Ratio λ_{max} . P \pm 15 nm 1,10-1,26
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
251331.1605	10 g	6
251331.1607	50 g	6

Fuchsin Basic (C.I. 42510) DC

for microscopy, nucleus and Koch's bacilli staining
 $C_{20}H_{20}ClN_3$
M: 337,85 CAS: 632-99-5 EINECS: 211-189-6 NC: 3204 13 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in C_2H_5OH 50% 549-552 nm
 A 1%, 1 cm, λ_{max} >1600
 Ratio λ_{max} . P \pm 15 nm 1,16-1,35
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 135°C 15 %

Order code	Package	Units/Box st.
251332.1606	25 g	6
251332.1608	100 g	6

Fuchsin Basic-Carbol solution according to Ziehl DC

for microscopy, nucleus and Koch's bacilli staining and for staining according to Gram-Nicolle
NC: 3204 13 00
Signal Word: Danger

H225-H312-H302-H319-H315
 1l-0,994kg 1kg-1,006l
 Composition:
 Basic Fuchsin 0,74 g
 Phenol 5 ml
 Ethanol absolute 10 ml
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
251333.1609	250 ml	6
251333.1611	1000 ml	6
251333.1612	2,5 l	4

Fuchsin S

(see Fuchsin Acid)

Fumaric Acid (USP-NF) PRS-CODEX

$HOOCCH_2CH_2COOH$
M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s99,5-100,5%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H_2O 0,05 %
 Residue on ignition (as SO_2) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Maleic acid (HPLC) 0,1 %
 Chloride (Cl) 0,005 %
 Sulphate (SO_4) 0,01 %
 Water (H_2O) 0,5 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142344.1210	500 g	6
142344.0416	25 kg	

Fumaric Acid (E-297, F.C.C.) ADITIO

$HOOCCH_2CH_2COOH$
M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (as $C_4H_4O_4$) calc. on the anh. basis99,5-100,5%
 Maleic Acid, not more than 0,1 %
 Residue on ignition, not more than 0,1 %
 Water, not more than 0,5 %
 Loss on drying 0,5 %
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 2 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202344.1214	5 kg	4
202344.0416	25 kg	

Fumaric Acid, 99% PS

$HOOCCH_2CH_2COOH$
M: 116,07 CAS: 110-17-8 EINECS: 203-743-0 NC: 2917 19 90
Signal Word: Warning

H319
SPECIFICATIONS:
 Minimum assay (G.C. as methyl ester)99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
162344.1210	500 g	6
162344.1211	1000 g	6
162344.0914	5 kg	
162344.0416	25 kg	

Fumaric Acid Dichloride

(see Fumaryl Chloride)

Fumaric Acid Dimethyl Ester

(see Dimethyl Fumarate)

Fumaryl Dichloride

(see Fumaryl Chloride)

Fumaryl Chloride, 97% PS

$C_4H_2Cl_2O_2$

M: 152,96 CAS: 627-63-4 EINECS: 211-005-4 NC: 2917 19 90 UN: 1780

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314-H335-H312-H302

1l~1,408kg 1kg~0,710 l

SPECIFICATIONS:

Minimum assay (G.C.) 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A803.1606	25 ml	6
15A803.1608	100 ml	6

2-Furaldehyde

(see Furfural)

2-Furancarboxyaldehyde

(see Furfural)

2-Furancarboxylic Acid

(see 2-Furoic Acid)

2,5-Furandione

(see Maleic Anhydride)

Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS

$C_5H_4O_2$

M: 96,09 CAS: 98-01-1 EINECS: 202-627-7 NC: 2932 12 00 UN: 1199

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H312-H331-H301-H319-H335-H315-H351

1l~1,160kg 1kg~0,862l

SPECIFICATIONS:

Minimum assay (G.C.) 98,0 %
Identity IR p/t.
Density at 20/20 1,155-1,161
Distillation range (>95% dist.) 159-162°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,5 %
Acidity 0,02 meq/g
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
131334.1609	250 ml	6

Furfural, 98% stabilized with ~0,1% of BHT PS

$C_5H_4O_2$

M: 96,09 CAS: 98-01-1 EINECS: 202-627-7 NC: 2932 12 00 UN: 1199

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H312-H331-H301-H319-H335-H315-H351

1l~1,160kg 1kg~0,862l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 1,158-1,164
Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161334.1611	1000 ml	6

Furfuraldehyde

(see Furfural)

Furfurol

(see Furfural)

Furfuryl Alcohol, 98% PS

$C_5H_8O_2$

M: 98,10 CAS: 98-00-0 EINECS: 202-626-1 NC: 2932 13 00 UN: 2874

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H312-H302-H331-H319-H335-H351-H373

1l~1,132kg 1kg~0,883l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 1,131-1,134
Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15A706.1611	1000 ml	6

2-Furoic Acid, 98% PS

$C_5H_4O_3$

M: 112,09 CAS: 88-14-2 EINECS: 201-803-0 NC: 2932 19 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t.
Melting range 130-133 °C

Order code	Package	Units/Box st.
15A664.1208	100 g	6

GADOLINIUM SOLUTIONS

(see Standards for ICP)

Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS

$C_7H_6O_5 \cdot H_2O$

M: 188,14 CAS: 5995-86-8 EINECS: 205-749-9 NC: 2918 29 80

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (Acidim.) a.a.s. 99,0 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Loss on drying at 105°C 7-10 %
Residue on ignition (as SO₄) 0,01 %
Sulphate (SO₄) 0,005 %

Order code	Package	Units/Box st.
132830.1608	100 g	6

Gallic Acid 1-hydrate, 99% PS

$C_7H_6O_5 \cdot H_2O$

M: 188,14 CAS: 5995-86-8 EINECS: 205-749-9 NC: 2918 29 80

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay (Acidim.) a.a.s. 99 %
Identity IR p/t.
Loss on drying at 105°C 7-10 %

Order code	Package	Units/Box st.
152830.1608	100 g	6
152830.1610	500 g	6

GALLIUM SOLUTIONS

(see Standards for ICP)

Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.)

PRS-CODEX

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Conductivity at 30±1,0°C 1 mS/cm
 Identity according to Pharmacopoeias p/t
 pH of 1% solution 3,8-7,6
 T.L.C. (phenolic preservatives) p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O and odour p/t
 Loss on drying at 105°C 15,0 %
 Residue on ignition 2,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Peroxides (as H₂O₂) 0,0010 %
 Sulfur dioxide 0,004 %
 Heavy metals (as Pb) 0,005 %
 Total aerobic microbial count (TAMC) 1000 cfu/g
 Total combined yeast and moulds (TYMC) 100 cfu/g
 Salmonella absence/10 g
 Escherichia coli absence/g
 As 0,00008 %
 Cu 0,003 %
 Cr 0,001 %
 Fe 0,003 %
 Ni 0,003 %
 Pb 0,003 %
 Zn 0,003 %

Order code	Package	Units/Box st.
142060.1210	500 g	6
142060.1211	1000 g	6
142060.0914	5 kg	

Gelatine 80-100 Blooms ADITIO

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Arsenic (as As), not more than 1 ppm
 Ash 0,5-3 %
 Sulphur Dioxide, not more than 50 ppm
 Lead, not more than 5 ppm
 Copper, not more than 30 ppm
 Iron, not more than 50 ppm
 Zinc, not more than 50 ppm
 Loss on drying 8-13 %
 Viscosity 10-75 mPas
 Jelly strength 0-300 °Bloom
 pH 4-9
 Insoluble in water p/t
 Microbial limit:
 Aerobic mesophil colons 31±1°C, not more than 5000 col/g
 Total enterobacteriaceae Absence/g
 Cl.perfringens Absence/g
 Salmonella-Shigella Absence/25g

Order code	Package	Units/Box st.
202060.0914	5 kg	
202060.0416	25 kg	

Gelatine, Bacteriological (Ingredient) CULTIMED

Demonstration of proteolytic microorganisms.

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

pH of 2% solution 4,0-7,5
 Loss on drying 13 %
 Residue on ignition 1 %

Order code	Package	Units/Box st.
403902.1210	500 g	6

Gelatine Gold DC

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

Jelly strength 190-220 °Bloom
 Viscosity 2,8 - 3,8 mPas
 pH sol. 6,7% at 45°C 4,7 - 5,7

MAXIMUM LIMIT OF IMPURITIES

Ash 1,5 %
 Loss on drying 11-15 %

Order code	Package	Units/Box st.
251336.0910	500 g	6
251336.0911	1000 g	6

Gelatine Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6-7,5
 Loss on drying at 105°C 10 %
 Residuo de calcinación (as SO₄) 15 %
 Total Nitrogen ≥10 %

Order code	Package	Units/Box st.
403686.1210	500 g	6
403686.0914	5 kg	
403686.0416	25 kg	

General Absorbent QP

NC: 2839 90 90

SPECIFICATIONS:

Absorption power to H₂SO₄ p/t
 Absorption power to NaOH p/t
 Absorption power to Br p/t

Order code	Package	Units/Box st.
212520.1210	500 g	6
212520.0914	5 kg	
212520.0416	25 kg	

Gentian Violet (C.I. 42535+42555) DC

for microscopy, bacteria staining according to Gram

CAS: 548-62-9 EINECS: 208-953-6 NC: 3204 13 00

Signal Word: Danger



H302-H351-H318-H410

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in C₂H₅OH 50% 587-590 nm
 A 1%, 1 cm, λmax >2000
 Ratio λmax. P ± 15 nm 0,98-1,25
 T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10 %

Order code	Package	Units/Box st.
251765.1606	25 g	6
251765.1608	100 g	6
251765.1609	250 g	6

Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX

C₂₅H₃₀ClN₃

M: 407,99 NC: 3822 00 00

11-0,983kg 1kg-1,017l

SPECIFICATIONS:

Assay (C₂₅H₃₀ClN₃) (w/v) 0,95-1,05%
 Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Solubility of residue in alcohol p/t
 Ethanol 8,0-10,0 %
 Residual solvents (Ph.Eur./USP) p/t

Order code	Package	Units/Box st.
191403.1611	1000 ml	6

Gentian Violet Phenique DC

solution for microscopy, bacteria staining according to Gram-Nicolle

NC: 3822 00 00 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H312-H302-H319-H315

11-0,988kg 1kg-1,012l

Composition:

Gentian violet 0,67 g
 Phenol 2,05 g
 Ethanol absolute 11,7 ml
 Water 100 ml

Order code	Package	Units/Box st.
251766.1608	100 ml	6
251766.1609	250 ml	6

Geraniol, 97% PS

C₁₅H₁₆O

M: 154,24 CAS: 106-24-1 EINECS: 203-377-1 NC: 2905 22 10

Signal Word: Warning



H319-H335-H315

11-0,88kg 1kg-1,14l

SPECIFICATIONS:

Assay (G.C.) 97 %
 Identity IR p/t
 Density at 20/4 0,877-0,880

Order code	Package	Units/Box st.
15A805.1608	100 ml	6

GERMANIUM SOLUTIONS

(see Standards for ICP)

Gibberellic Acid, 90% PS

C₁₈H₃₂O₅

M: 346,38 CAS: 77-06-5 EINECS: 201-001-0 NC: 2932 29 85

SPECIFICATIONS:

Minimum assay 90 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A682.1603	1 g	6

Gibberellin

(see Gibberellic Acid)

Giemsa's Solution

(see Azur-Eosin-Methylene Blue solution according to Giemsa)

Giemsa's Stain

(see Azur-Eosin-Methylene Blue dye according to Giemsa)

GILL'S HEMATOXYLIN SOLUTIONS

Gill's Hematoxylin I solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning



H302

1l-1,045kg 1kg~0,957l

Composition:

Sodium Iodate 20 mg
Hematoxylin 200 mg
Aluminium Sulphate 18-hydrate 1,76 g
Acetic Acid Glacial 2 ml
Ethylene Glycol 25 ml
Water 73 ml

Order code	Package	Units/Box st.
252974.1211	1000 ml	6

Gill's Hematoxylin II solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning



H302

1l-1,055kg 1kg~0,948l

Composition:

Sodium Iodate 40 mg
Hematoxylin 400 mg
Aluminium Sulphate 18-hydrate 3,52 g
Acetic Acid Glacial 3,8 ml
Ethylene Glycol 25 ml
Water 71 ml

Order code	Package	Units/Box st.
252998.1211	1000 ml	6

Gill's Hematoxylin III solution DC

for microscopy, vagina smear staining

NC: 3203 00 10

Signal Word: Warning



H302

1l-1,069kg 1kg~0,935l

Composition:

Sodium Iodate 60 mg
Hematoxylin 600 mg
Aluminium Sulphate 18-hydrate 5,28 g
Acetic Acid Glacial 5,7 ml
Ethylene Glycol 25 ml
Water 69 ml

Order code	Package	Units/Box st.
252999.1211	1000 ml	6

Glass Wool washed QP

CAS: 65997-17-3 EINECS: 266-046-0 NC: 7019 31 00

SPECIFICATIONS:

Soluble matter in HCl 1 %
Chloride (Cl) 0,01 %

Order code	Package	Units/Box st.
211376.1208	100 g	6
211376.1209	250 g	6

D-Gluconic Acid Calcium Salt

(see Calcium D-Gluconate 1-hydrate)

D-Gluconic Acid Sodium Salt

(see Sodium D-Gluconate)

D(+)-Glucose anhydrous PA-ACS

C₆H₁₂O₅

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity IR p/t.
Specific rotation [α]_D²⁰ c=10 (in H₂O) +52,5 to +53,0°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Loss on drying at 105°C 0,2 %
Residue on ignition (as SO₂) 0,01 %
Acidity (as CH₃COOH) 0,015 %
Starch p/t.
Chloride (Cl) 0,0025 %
Sulphate and Sulphite (as SO₂) 0,0025 %
Heavy metals (as Pb) 0,0005 %
As 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Al	.....5	Fe	.....5	Sb	.....1
B	.....1	In	.....1	Se	.....5
Ba	.....1	K	.....1	Sr	.....1
Be	.....1	Mg	.....5	Tl	.....1
Ca	.....5	Mn	.....1	Ti	.....1
Cd	.....10	Mo	.....1	V	.....1
Co	.....1	Ni	.....5	Zn	.....5
Cr	.....1	Pb	.....5	Zr	.....1
Cu	.....5	Pt	.....1		

Order code Package Units/Box st.

131341.1210	500 g	6
131341.1211	1000 g	6
131341.0914	5 kg	4
131341.0416	25 kg	

D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

C₆H₁₂O₅

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.
Specific rotation [α]_D²⁰ c=10 (in H₂O) calc. a.a.s. +52,6 to +53,2°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,01 %
Residue on ignition (as SO₂) 0,1 %
Residual solvents (Ph.Eur./USP) p/t.
Acidity or alkalinity p/t.
Foreign sugars, soluble starch and dextrin p/t.
Chloride (Cl) 0,0125 %
Sulphate (SO₄) 0,02 %
Sulphite (as SO₂) 0,0015 %
Water (H₂O) 0,5 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Ba p/t.
Ca 0,02 %
Fe 0,0005 %
Pb 0,00005 %

Order code Package Units/Box st.

141341.1210	500 g	6
141341.1211	1000 g	6
141341.0914	5 kg	4
141341.0416	25 kg	

D(+)-Glucose anhydrous (F.C.C.) ADITIO

C₆H₁₂O₅

M: 180,16 CAS: 50-99-7 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Assay (C₆H₁₂O₅), calc. on the dried basis
(of reducing sugar content, glucose equivalent) 99,5-100,5 %
Arsenic (as As), not more than 1 ppm
Chloride, not more than 0,018 %
Loss on drying, not more than 2,0 %
Residue on ignition, not more than 0,1 %
Specific rotation [α]_D²⁵ after drying +52,6 to +53,2°
Starch p/t.
Sulphur Dioxide, not more than 0,002 %
Lead, not more than 0,1 ppm
Specifications F.C.C. 6

Order code Package Units/Box st.

201341.0914	5 kg	
201341.0416	25 kg	

D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

C₆H₁₂O₆·H₂O

M: 198,17 CAS: 5996-10-1 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.
Specific rotation [α]_D²⁰ c=10 (in H₂O) calc. a.a.s. +52,6 to +53,2°

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution p/t.
Insoluble matter in H₂O 0,01 %
Residue on ignition (as SO₂) 0,1 %
Residual solvents (Ph.Eur./USP) p/t.
Acidity or alkalinity p/t.
Foreign sugars, soluble starch and dextrans p/t.
Chloride (Cl) 0,0125 %
Sulphate (SO₄) 0,02 %
Sulphite (as SO₂) 0,0015 %
Water (H₂O) 7,5-9,5 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Ba p/t.
Ca 0,02 %
Fe 0,0005 %
Pb 0,00005 %

Order code	Package	Units/Box st.
143140.1210	500 g	6
143140.1211	1000 g	6
143140.0914	5 kg	
143140.0416	25 kg	

D(+)-Glucose 1-hydrate (F.C.C.) ADITIO

C₆H₁₂O₆·H₂O

M: 198,17 CAS: 5996-10-1 EINECS: 200-075-1 NC: 1702 30 51

SPECIFICATIONS:

Assay (C₆H₁₂O₆), calc. on the dried basis
(of reducing sugar content, glucose equivalent) 99,5-100,5 %
Arsenic (as As), not more than 1 ppm
Chloride, not more than 0,018 %
Loss on drying, not more than 10,0 %
Residue on ignition, not more than 0,1 %
Specific rotation [α]_D²⁰ after drying +52,6 to +53,2°
Starch p/t.
Sulphur Dioxide, not more than 0,002 %
Lead, not more than 0,1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203140.0914	5 kg	
203140.0416	25 kg	

Glucose Reagent

(see o-Toluidine solution 6%)

L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

C₅H₉NO₄

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Assay calc. a.d.s. 98,5-100,5 %
Identity according to Pharmacopoeias p/t.
T.L.C. p/t.
Specific rotation [α]_D²⁰ c=10 (in HCl 1 mol/l)
(calc. a.d.s.) +30,5 to +32,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in HCl 1 mol/l p/t.
Loss on drying at 105°C 0,5 %
Residue on ignition (as SO₂) 0,1 %
Residual solvents (Ph.Eur.) p/t.
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,03 %
Ammonium (NH₄) 0,02 %
Heavy metals (as Pb) 0,001 %
As 0,00015 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
142042.1209	250 g	6
142042.1210	500 g	6
142042.0914	5 kg	

L-Glutamic Acid (E-620, F.C.C.) ADITIO

C₅H₉NO₄

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Assay (as C₅H₉NO₄) calc. a.d.s. 99,0-101,0 %
pH of saturated solution 3,0-3,5
Lead, not more than 2 ppm
Loss on drying, not more than 0,1 %
Residue on ignition, not more than 0,2 %
Specific rotation [α]_D²⁰ calc. a.d.s. +31,5 to +32,2°
Chloride, not more than 0,2 %
Carboxylic pyrrolidone acid, not more than 0,2 %
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202042.1211	1 kg	6
202042.0914	5 kg	

L-Glutamic Acid, 99% PS

C₅H₉NO₄

M: 147,13 CAS: 56-86-0 EINECS: 200-293-7 NC: 2922 42 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
152042.1608	100 g	6
152042.1611	1000 g	6

Glutamic Acid 5-Amide

(see Glutamine)

L-Glutamine (USP) PRS-CODEX

C₅H₁₀N₂O₃

M: 146,15 CAS: 56-85-9 EINECS: 200-292-1 NC: 2924 19 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,5 %
Identity according to Pharmacopoeias p/t.
T.L.C. p/t.
Specific rotation [α]_D²⁰ c=4 (in H₂O) +6,3 to +7,3°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,05 %
Loss on drying at 105°C 0,3 %
Residue on ignition (as SO₂) 0,3 %
Residual solvents (Ph.Eur./USP) p/t.
Chloride (Cl) 0,02 %
Sulphate (SO₄) 0,03 %
Heavy metals (as Pb) 0,0015 %
As 0,00015 %
Cu 0,002 %
Fe 0,001 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141343.1210	500 g	6
141343.0914	5 kg	

L-Glutamine, 99% PS

C₅H₁₀N₂O₃

M: 146,15 CAS: 56-85-9 EINECS: 200-292-1 NC: 2924 19 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
151343.1608	100 g	6
151343.1610	500 g	6

GLUTARALDEHYDE SOLUTIONS

Glutaraldehyde solution 25% PS

C₅H₈O₂

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l-1,061kg 1kg-0,943l

SPECIFICATIONS:

Minimum assay (Oximeacidim.) 25 %
Density at 20/4 1,059-1,063

Order code	Package	Units/Box st.
163857.1609	250 ml	6
163857.1611	1000 ml	6

Glutaraldehyde solution 25% DC

C₅H₈O₂

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l-1,061kg 1kg~0,943l

SPECIFICATIONS:

Minimum assay (Oximeacidim.) 25,0 %
Density at 20/4 1,059-1,063

Order code	Package	Units/Box st.
253857.1611	1000 ml	6

Glutaraldehyde solution 50% PS

OHC(CH₂)₂CHO

M: 100,12 CAS: 111-30-8 EINECS: 203-856-5 NC: 2912 19 90 UN: 2810
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word:

Signal Word: Danger



H331-H301-H314-H334-H317-H400

1l-1,129kg 1kg~0,886l

SPECIFICATIONS:

Minimum assay (Oximeacidim.) 49 %
Density at 20/4 1,127-1,130

Order code	Package	Units/Box st.
15A807.1609	250 ml	6
15A807.1611	1000 ml	6

Glycerol PA-ACS-ISO

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,259kg 1kg~0,794l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Density at 20/4 1,257-1,261

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t.
Residue on ignition (as SO₄) 0,005 %
Darkened substances by H₂SO₄ p/t.
Reducing substances AgNO₃ p/t.
Acidity 0,0005 meq/g
Alkalinity 0,0003 meq/g
Acrolein and glucose p/t.
Fatty acid esters (as C₁₅H₂₆O₆) 0,05 %
Water (H₂O) 0,5 %
Chloride (Cl) 0,0001 %
Chlorine compounds (as Cl) 0,003 %
Sulphate (SO₄) 0,0005 %
Ammonium (NH₄) 0,0005 %
Heavy metals (as Pb) 0,0001 %
As 0,00004 %
Cu 0,0001 %
Fe 0,0001 %
Ni 0,0001 %
Pb 0,0001 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
131339.1211	1000 ml	6
131339.1212	2,5 l	4
131339.1214	5 l	4
131339.0716	25 l	
131339.0718	60 l	

Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,259kg 1kg~0,794l

SPECIFICATIONS:

Assay (C₃H₈O₃) calc. a.d.s. 99,0-101,0%
Identity according to Pharmacopoeias p/t.
Density at 25/25 ≥1,249
Refractive index n²⁰/D 1,470-1,475

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Colour p/t.
Residue on ignition (as SO₄) 0,01 %
Residual solvents (Ph.Eur./USP) p/t.
Diethyleneglycol and related substances (Ph.Eur.) p/t.
Diethyleneglycol (USP) 0,025 %
Ethylene Glycol (USP) 0,025 %
Aldehydes (as CH₂O) 0,0010 %
Sugars p/t.
Acidity and alkalinity p/t.
Esters p/t.
Water (H₂O) 0,5 %
Chloride (Cl) 0,001 %
Halogenated compounds (as Cl) 0,003 %
Sulphate (SO₄) 0,002 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00015 %
Cu 0,0005 %
Fe 0,001 %
Ni 0,0005 %
Pb 0,0005 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
141339.1211	1000 ml	6
141339.1212	2,5 l	4
141339.1214	5 l	4
141339.0716	25 l	

Glycerol (E-422, F.C.C.) ADITIO

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,259kg 1kg~0,794l

SPECIFICATIONS:

Assay (C₃H₈O₃) calc. a.a.s. 98-100,5 %
Refractive index n²⁰/D p/t.
Acrolein training by heating p/t.
Refractive index n²⁰/D 1,471-1,474
Acrolein, Glucose and Ammonium compounds p/t.
Arsenic (as As), not more than 3 ppm
Chlorinated compounds (as Cl), not more than 0,003 %
Colour p/t.
Fatty Acids and Esters (as butiric acid), not more than 0,1 %
Easily carbonizable substances p/t.
Residue on ignition, not more than 0,01 %
Water, not more than 5 %
Specific weight 25/25, not less than 1,257
Butanetriols, not more than 0,2 %
Heavy metals (as Pb), not more than 5 ppm
Lead, not more than 1 ppm
Cadmium, not more than 1 ppm
Mercury, not more than 1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

DOES NOT COME FROM ANIMAL ORIGIN.

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201339.1214	5 l	4
201339.0716	25 l	

Glycerol, 99% PS

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,259kg 1kg~0,794l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t.
DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
151339.1211	1000 ml	6
151339.1212	2,5 l	4

Glycerol QP

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,259kg 1kg-0,794l

SPECIFICATIONS:

Assay (G.C.)	99,0 %
Density at 20/4	1,257-1,261
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %
As	0,0003 %
Fe	0,005 %
Pb	0,001 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
211339.1211	1000 ml	6
211339.1214	5 l	4
211339.0716	25 l	
211339.0718	60 l	

Glycerol 87% PA

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,228kg 1kg-0,814l

SPECIFICATIONS:

Assay (C ₃ H ₈ O ₃)	86,0-88,0 %
Density at 20/4	1,224-1,232

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t.
Residue on ignition (as SO ₄)	0,005 %
Darkened substances by H ₂ SO ₄	p/t.
Reducing substances AgNO ₃	p/t.
Acidity	0,0005 meq/g
Alkalinity	0,0003 meq/g
Fatty acid esters (as C ₁₅ H ₂₆ O ₆)	0,05 %
Water (H ₂ O)	12,0-14,0 %
Chloride (Cl)	0,0001 %
Sulphate (SO ₄)	0,0005 %
Ammonium (NH ₄)	0,0005 %
As	0,00004 %
Cu	0,0001 %
Fe	0,0001 %
Ni	0,0001 %
Pb	0,0001 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
122329.1211	1000 ml	6
122329.1212	2,5 l	4
122329.1214	5 l	4
122329.0716	25 l	

Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX

C₃H₈O₃

M: 92,10 CAS: 56-81-5 EINECS: 200-289-5 NC: 2905 45 00

1l-1,228kg 1kg-0,814l

SPECIFICATIONS:

Assay (C ₃ H ₈ O ₃)	83,5-88,5 %
Identity according to Pharmacopoeias	p/t.
Refractive index n _D ²⁰	1,449-1,455

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O	p/t.
Residue on ignition (as SO ₄)	0,01 %
Residual solvents (Ph.Eur./USP)	p/t.
Darkened substances by H ₂ SO ₄	p/t.
Diethyleneglycol and related substances	p/t.
Aldehydes (as CH ₂ O)	0,001 %
Sugars	p/t.
Acidity or alkalinity	p/t.
Esters	p/t.
Water (H ₂ O)	12,0-16,0 %
Halogenated compounds (as Cl)	0,003 %
Chloride (Cl)	0,001 %
Sulphate (SO ₄)	0,002 %
Ammonium (NH ₄)	0,001 %
Heavy metals (as Pb)	0,0005 %
As	0,00015 %
Cu	0,0005 %
Fe	0,001 %
Ni	0,0005 %
Pb	0,0005 %

DOES NOT COME FROM ANIMAL ORIGIN.

Order code	Package	Units/Box st.
142329.1211	1000 ml	6
142329.1212	2,5 l	4
142329.1214	5 l	4
142329.0716	25 l	

Glycerol mono-Acetate PRS

C₅H₁₀O₄

M: 134,13 NC: 2905 49 80

1l-1,206kg 1kg-0,829l

SPECIFICATIONS:

Assay (Acidim.)	98 %
Density at 20/4	1,202-1,302
Acidity value	0,8

Order code	Package	Units/Box st.
141913.1611	1000 ml	6

Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX

C₉H₁₄O₆

M: 218,21 CAS: 102-76-1 EINECS: 203-051-9 NC: 2915 39 30

1l-1,159kg 1kg-0,863l

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	97,0-100,5 %
Identity according to Pharmacopoeias	p/t.
Density at 20/20	1,159-1,164
Density at 25/25	1,152-1,158
Refractive index n _D ²⁵ /D	1,429-1,430

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Glycerol mono-Acetate (G.C.)	0,1 %
Glycerol di-Acetate (G.C.)	0,3 %
Acidity (as CH ₃ COOH) (USP)	0,005 %
Acidity (Ph. Eur.)	p/t.
Water (H ₂ O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141922.1611	1000 ml	6

Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO

C₉H₁₄O₆

M: 218,21 CAS: 102-76-1 EINECS: 203-051-9 NC: 2915 39 30

1l-1,159kg 1kg-0,863l

SPECIFICATIONS:

Assay (C ₉ H ₁₄ O ₆), not less than	98,5 %
Acidity	p/t.
Refractive index n _D ²⁵ /D	1,429-1,431
Specific gravity	1,154-1,158
Unsaturated compounds	p/t.
Water, not more than	0,2 %
Residue on ignition (as Citric Ac.), not more than	0,02 %
Arsenic, not more than	3 ppm
Lead, not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201922.1214	5 l	4

Glycine (Reag. USP) PA-ACS

H₂NCH₂COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	98,5 %
Identity	IR p/t.
T.L.C.	p/t.
pH of 5% solution	5,9-6,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	0,2 %
Residue on ignition (as SO ₄)	0,05 %
Hydrolyzable substances	p/t.
Darkened substances by H ₂ SO ₄	p/t.
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
131340.1209	250 g	6
131340.1211	1000 g	6
131340.0914	5 kg	4

Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 5,9-6,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Loss on drying at 105°C 0,2 %
 Residue on ignition (as SO_4) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t
 Ninhydrin-positive substances 0,5 %
 Hydrolyzable substances p/t.
 Chloride (Cl) 0,007 %
 Sulphate (SO_4) 0,0065 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141340.1209	250 g	6
141340.1211	1000 g	6
141340.0914	5 kg	

Glycine (E-640, F.C.C.) ADITIO

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Assay (as $C_2H_5NO_2$) calc. on the dried basis 98,5-101,5%
 Lead, not more than 5 ppm
 Loss on drying, not more than 0,2 %
 Residue on ignition, not more than 0,1 %
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Specifications Dir. 2000/63/CE, F.C.C. 6

Order code	Package	Units/Box st.
201340.0914	5 kg	
201340.0416	25 kg	

Glycine, 99% PS

H_2NCH_2COOH

M: 75,07 CAS: 56-40-6 EINECS: 200-272-2 NC: 2922 49 10

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
151340.1607	50 g	6
151340.1609	250 g	6
151340.1611	1000 g	6

Glycocoll

(see Glycine)

Glycol

(see Ethylene Glycol)

Glycolic Acid ~ 65% PS

$C_2H_3O_3$

M: 76,05 CAS: 79-14-1 EINECS: 201-180-5 NC: 2918 19 85 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H302-H314

1l~1,270kg 1kg~0,787l

SPECIFICATIONS:

Assay (Acidim.) 63-66 %

Order code	Package	Units/Box st.
15A683.1211	1000 ml	6
15A683.1214	5 l	4

Gly-Gly

(see Glycylglycine)

Glyoxal solution 40% PS

$C_2H_2O_2$

M: 58,04 CAS: 107-22-2 EINECS: 203-474-9 NC: 2912 19 90

Signal Word: Warning



H332-H319-H315-H317-H341

1l~1,270kg 1kg~0,787l

SPECIFICATIONS:

Assay (Acidim.) 39-41 %
 Density at 20/4 1,268-1,273

Order code	Package	Units/Box st.
15A806.1611	1000 ml	6
15A806.1612	2,5 l	4
15A806.0716	25 l	

Glyoxal-Bis (2-Hydroxyanil) (Reag. Ph. Eur.) PA

$C_{14}H_{12}N_2O_2$

M: 240,26 CAS: 1149-16-2 EINECS: 214-560-0 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay (N deter.) 97,0 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in $C_2H_5O_2$ p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO_4) 0,5 %
 Sensitivity to Ca p/t.
 Ca 0,005 %
 Cu 0,005 %
 Fe 0,005 %
 Ni 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
122847.1605	10 g	6
122847.1606	25 g	6

Glyphosate

(see N-(Phosphonomethyl) Glycine)

GOLD SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Gold(III) Chloride Acid

(see Tetrachloroauric Acid(III) 3-hydrate)

Gold(III) Chloride-Sodium Chloride ~49% Au PRS

NC: 3822 00 00

SPECIFICATIONS:

Approximate assay (as Au) 49 %
 Insoluble matter in H_2O p/t.

Order code	Package	Units/Box st.
141448.1503	1 g	6
141448.1504	5 g	6
141448.1505	10 g	6

Graham's Salt

(see Sodium Polyphosphate)

Gram-Hucker, Kit for Staining

(see Kit for Staining Gram-Hucker)

Gram-Nicolle, Kit of Staining

(see: Fuchsin Basic-Carbol solution according to Ziehl. Lugol's Liquor. Gentian Violet Phenique.)

Griess-Ilosvay's A Reagent RE

for detection of nitrites

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~1,045kg 1kg~0,957l

Composition:

Sulphanilic Acid 0,34 g
 Acetic Acid glacial 30 ml
 Water 64 ml

Order code	Package	Units/Box st.
171569.1608	100 ml	6

Griess-Ilosvay's B Reagent RE

for detection of nitrites

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,042kg 1kg-0,960l

Composition:

1-Naphthylamine70 mg
Acetic Acid glacial30 ml
Water77,5 ml

Order code	Package	Units/Box st.
171570.1608	100 ml	6

Guanine, 99% PS

C₅H₅N₅O

M: 151,13 CAS: 73-40-5 EINECS: 200-799-8 NC: 2933 59 95

SPECIFICATIONS:

Assay99 %
IdentityIR p/t.

Order code	Package	Units/Box st.
15B689.1606	25 g	6
15B689.1608	100 g	6

Gum Benzoin tincture solution 1:10 DC

according to Guillain-Larocq

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,825kg 1kg-1,212l

Composition:

Resin Benzoin, tonsiloid of Sumatra (as C₂H₅OH)100 g/l

Order code	Package	Units/Box st.
251193.1608	100 ml	6

Gypsumetric Liquor VINIKIT

for determination of sulphates in wine and vinegar. 1 ml corresponds to 0,01 g of K₂SO₄.

NC: 3822 00 00

Signal Word: Warning



H332-H302

1l-1,018kg 1kg-0,982l

Composition:

Barium Chloride 2-hydrate1,4 g
Hydrochloric Acid 35%2,6 ml
Water s.q.m100 ml

Order code	Package	Units/Box st.
621387.1610	500 ml	6

HAFNIUM SOLUTIONS

(see Standards for ICP)

Hanus Reagent 0,1 mol/l (0,2N) RV

for determination of iodine index. Keep over 18°C.

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314-H412

1l-1,069kg 1kg-0,935l

Composition:

Iodine1,32 g
Bromine0,812 g
Acetic Acid glacial s.q.m100 ml

Order code	Package	Units/Box st.
281572.1611	1000 ml	6
281572.1612	2,5 l	4

Harris Hematoxylin solution DC

for cytology

NC: 3203 00 10 UN: 2024

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 612 CAO: 620

Signal Word: Danger



H332-H312-H302-H373

1l-0,994kg 1kg-1,006l

Composition:

Mercury(II) Oxide yellow250 mg
Hematoxylin500 mg
Aluminium Potassium Sulphate 12-hydrate10 g
Ethanol 96%16 ml
Water88 ml

Order code	Package	Units/Box st.
253949.1610	500 ml	6
253949.1611	1000 ml	6
253949.1612	2,5 l	4

Hayem's Liquor DC

for hematology, hematics

NC: 3822 00 00

Signal Word: Warning



H302

1l-1,029kg 1kg-0,972l

Composition:

Sodium Sulphate 10-hydrate6,07 g
Sodium Chloride0,74 g
Mercury(II) Chloride0,15 g
Water s.q.m100 ml

Order code	Package	Units/Box st.
251389.1209	250 ml	6

Helianthin

(see Methyl Orange)

Hematoxylin (C.I. 75290) (Reag. USP) PA

pH indicator and for complexometry 5,0 yellow; 7,2 red violet

C₁₈H₁₄O₆.xH₂O

M: 302,29(anh) CAS: 517-28-2 EINECS: 208-237-3 NC: 3203 00 10

SPECIFICATIONS:

IdentityIR p/t.
λ of max. ABS at pH 11,3490-500 nm
A 1%, 1cm, λmax>525
T.L.Cp/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

yellow5,0
violet red7,2
Loss on drying at 135°C10 %
Residue on ignition (as SO₂)0,5 %
Cu0,005 %
Fe0,005 %
Ni0,005 %
Pb0,005 %

Order code	Package	Units/Box st.
121344.1604	5 g	6
121344.1606	25 g	6

Hematoxylin (C.I. 75290) DC

for microscopy, vagina smear staining

C₁₈H₁₄O₆.xH₂O

M: 302,29(anh) CAS: 517-28-2 EINECS: 208-237-3 NC: 3203 00 10

SPECIFICATIONS:

IdentityIR p/t.
λ of max. ABS at pH 11,3490-500 nm
A 1%, 1cm, λmax>500
Ratio λmax. P±15 nm0,98-1,04
T.L.Cp/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C10 %

Order code	Package	Units/Box st.
251344.1604	5 g	6
251344.1606	25 g	6

Hematoxylin solution according to Carazzi, Gill, Harris and Mayer

(see Carazzi's, Gill's, Harris and Mayer's Hematoxylin solutions)

Hematoxylin solution A according to Weigert DC

for microscopy

NC: 3203 00 10 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,812kg 1kg-1,232l

Composition:

Hematoxylin 1 g

Ethanol absolute 100 ml

Order code **Package** **Units/Box st.**

253453.1210 500 ml 6

253453.1211 1000 ml 6

Hematoxylin solution B according to Weigert DC

for microscopy

NC: 3203 00 10

1l-1,013kg 1kg-0,987l

Composition:

Iron(III) Chloride 30% aqueous solution 4 ml

Hydrochloric Acid 35% 1 ml

Water s.q.m 100 ml

Order code **Package** **Units/Box st.**

253454.1210 500 ml 6

253454.1211 1000 ml 6

Hemoglobine (Additive) CULTIMED

Enrichment additive for the isolation of some fastidious microorganisms.

NC: 3002 10 91

SPECIFICATIONS:

pH of 5% solution 7,5-8,5

Loss on drying at 105°C 5 %

Insoluble matter in H₂O p/t

Salmonella Absence/10 g

Order code **Package** **Units/Box st.**

402876.1210 500 g 6

402876.0914 5 kg 6

402876.0416 25 kg 6

HEPES

(see 2-[4(2-Hydroxyethyl)-1-Piperazinyl] Ethanesulfonic Acid)

HEPPS

(see 3-[4(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid)

HEPPSO

(see 2-Hydroxy-3-[4(2-Hydroxyethyl)-1-Piperazinyl] Propanesulphonic Acid 1-hydrate)

Heptafluorobutyric Anhydride CG

for derivatization (GC)

C₆F₁₄O₃

M: 410,06 CAS: 336-59-4 EINECS: 206-410-8 NC: 2915 90 80 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,653kg 1kg-0,605l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Product bottled under nitrogen atmosphere.

Order code **Package** **Units/Box st.**

355584.1905 10 ml 6

Heptafluorobutyric Anhydride, 99% PS

C₆F₁₄O₃

M: 410,06 CAS: 336-59-4 EINECS: 206-410-8 NC: 2915 90 80 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l-1,653kg 1kg-0,605l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Order code **Package** **Units/Box st.**

155584.1606 25 g 6

n-Heptane (UV-IR-HPLC-HPLC preparative) PAI

C₇H₁₆

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Density at 20/4 0,683-0,685

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0003 %

Acidity 0,0002 meq/g

Alkalinity 0,0002 meq/g

Water (H₂O) 0,005 %

Suitability for IR spectrometry p/t

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200 (Cut off)	210	220	230	245-400
A (AU)	0,699	0,301	0,097	0,036	0,009
T (%)	20	50	80	92	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,2

Eluotropic value E^o(Al₂O₃) 0,01

Sol. H₂O in solv. at 20°C 0,01

P' + 0,25 E 0,5

For critical jobs, purge with nitrogen.

Order code **Package** **Units/Box st.**

362062.1611 1000 ml 6

362062.1612 2,5 l 4

362062.0314 5 l 4

362062.0316 25 l 4

n-Heptane dry (max. 0,005% water) DS

C₇H₁₆

M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t

Density at 20/4 0,683-0,685

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Darkened substances by H₂SO₄ p/t

Sulphur compounds (as S) 0,005 %

Acidity 0,0003 meq/g

Water (H₂O) 0,005 %

Thiophene p/t

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	P 0,2
Al 0,5	Fe 0,1	Pb 0,1
As 0,5	Ge 0,05	Pt 0,1
Au 0,1	Hg 0,05	S 0,2
B 0,02	In 0,05	Sb 0,02
Ba 0,1	K 0,1	Si 0,2
Be 0,02	Li 0,05	Sn 0,1
Bi 0,05	Mg 0,1	Sr 0,2
Ca 0,5	Mn 0,02	Ti 0,02
Cd 0,05	Mo 0,02	Tl 0,02
Co 0,02	Na 0,5	V 0,02
Cr 0,02	Ni 0,02	Zn 0,1
		Zr 0,02

Order code **Package** **Units/Box st.**

482062.1611 1000 ml 6

n-Heptane PA

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Density at 20/4 0,683-0,685

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,0003 meq/g
 Sulphur compounds (as S) 0,005 %
 Water (H₂O) 0,01 %
 Thiophene p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	P 0,2
Al 0,5	Fe 0,1	Pb 0,1
As 0,5	Ge 0,05	Pt 0,1
Au 0,1	Hg 0,05	S 0,2
B 0,02	In 0,05	Sb 0,02
Ba 0,1	K 0,1	Si 0,2
Be 0,02	Li 0,05	Sn 0,1
Bi 0,05	Mg 0,1	Sr 0,2
Ca 0,5	Mn 0,02	Ti 0,02
Cd 0,05	Mo 0,02	Tl 0,02
Co 0,02	Na 0,5	V 0,02
Cr 0,02	Ni 0,02	Zn 0,1
	Zr 0,02	

Order code	Package	Units/Box st.
122062.1611	1000 ml	6
122062.1612	2,5 l	4
122062.0314	5 l	4

n-Heptane PRRS

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,683-0,685

Non-volatile matter 0,005 %
 Acidity 0,001 meq/g
 Sulphur compounds (as S) 0,01 %
 Water (H₂O) 0,02 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
142062.1611	1000 ml	6
142062.1612	2,5 l	4
142062.0314	5 l	4
142062.0616	25 l	

n-Heptane, 99% PS

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,683-0,685
 Non-volatile matter 0,001 %
 Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
162062.1611	1000 ml	6
162062.1714	5 l	4
162062.0616	25 l	

n-Heptane (ASTM) RE

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,684kg 1kg-1,462l

SPECIFICATIONS:

Minimum assay 99,75 %
 Isooctane 0,1 %
 Lead 0,002 %

Order code	Package	Units/Box st.
172062.0616	25 l	

Heptane, alkanes mixture PA

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,710kg 1kg-1,408l

SPECIFICATIONS:

Density at 20/4 0,700-0,720

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,001 %
 Darkened substances by H₂SO₄ p/t.
 Sulphur compounds (as S) 0,005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,01 %
 Thiophene p/t.
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
121345.1611	1000 ml	6
121345.1612	2,5 l	4
121345.0314	5 l	4
121345.0316	25 l	

Heptane, alkanes mixture PRRS

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,710kg 1kg-1,408l

SPECIFICATIONS:

Density at 20/4 0,700-0,720

Non-volatile matter 0,005 %
 Sulphur compounds (as S) 0,01 %
 Acidity 0,001 meq/g
 Water (H₂O) 0,02 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141345.1611	1000 ml	6
141345.1612	2,5 l	4
141345.0314	5 l	4
141345.0616	25 l	

Heptane, alkanes mixture PS

C₇H₁₆
 M: 100,21 CAS: 142-82-5 EINECS: 205-563-8 NC: 2901 10 00 UN: 1206
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,710kg 1kg-1,408l

SPECIFICATIONS:

Density at 20/4 0,700-0,720

Non-volatile matter 0,001 %
 Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
161345.1611	1000 ml	6
161345.1612	2,5 l	4
161345.1714	5 l	4
161345.0616	25 l	1

H

1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography

$C_7H_{15}NaO_3S$

M: 202,25 CAS: 22767-50-6 EINECS: 245-210-5 NC: 2904 10 00

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s 99,0 %

Identity IR p/t.

UV Spectrum 0,005 mol/l solution

UV Spectrum (1 cm cell. Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
364897.1606	25 g	6

Heptanoic Acid, 98,5% PS

$C_7H_{14}O_2$

M: 130,19 CAS: 111-14-8 EINECS: 203-838-7 NC: 2915 90 80 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H314

1l-0,918kg 1kg-1,089l

SPECIFICATIONS:

Minimum assay (G.C.) 98,5 %

Identity IR p/t.

Density at 20/4 0,917-0,919

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15C506.1608	100 ml	6
15C506.1612	2,5 l	4

Heptanoic Acid Chloride

(see Heptanoyl Chloride)

Heptanoyl Chloride, 98,5% PS

$C_7H_{13}ClO$

M: 148,63 CAS: 2528-61-2 EINECS: 219-775-3 NC: 2915 90 80 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H314

1l-0,960kg 1kg-1,042l

SPECIFICATIONS:

Assay 98,5 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C319.1608	100 ml	6

n-Heptyl Bromide

(see 1-Bromoheptane)

Heteroauxin

(see 1H-Indole-3-Acetic Acid)

Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS

$H_2Cl_6Pt_6H_2O$

M: 517,92 CAS: 18497-13-7 EINECS: 241-010-7 NC: 2843 90 90 UN: 2507

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger

H301-H314-H334-H317

SPECIFICATIONS:

Minimum assay (Pt) 37,50 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %

Insoluble matter in C₂H₅OH p/t.

Alkalis and other salts (as SO₄) 0,05 %

Sensitivity to K p/t.

Ag 0,01 %

Al 0,02 %

Au 0,01 %

Ba 0,02 %

Ca 0,02 %

Cu 0,02 %

Fe 0,02 %

K 0,02 %

Mg 0,02 %

Na 0,02 %

Ni 0,02 %

Order code	Package	Units/Box st.
134433.1603	1 g	6

Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA

$H_2(PtCl_6)_6H_2O$

M: 517,90 CAS: 18497-13-7 EINECS: 241-010-7 NC: 2843 90 90 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger

H314-H334-H317

1l-1,060kg 1kg-0,943l

SPECIFICATIONS:

Assay (as Pt) 3,8 %

Order code	Package	Units/Box st.
125491.1604	5 ml	6
125491.1606	25 ml	6

Hexadecanoic Acid

(see Palmitic Acid)

Hexadecanoic Acid Methyl Ester

(see Methyl Palmitate)

1-Hexadecanol

(see Cetyl Alcohol)

Hexadecyl Alcohol

(see Cetyl Alcohol)

Hexadecyltrimethylammonium Bromide

(see N-Cetyl-N,N,N-Trimethylammonium Bromide)

Hexahydropyrazine

(see Piperazine)

Hexahydropyridine

(see Piperidine)

Hexahydrothymol

(see L(-)-Menthhol)

Hexamethyldisilazane (VLSI) EG

$(CH_3)_3SiNHSi(CH_3)_3$

M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-H332-H312-H302-H319-H335-H315

1l-0,774kg 1kg-1,292l

SPECIFICATIONS:

Assay (HMDS+HMDO) 99,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,0005 %

Chloride (Cl) 0,0001 %

0,5 μ m particles 250 /ml

Metals by ICP [μ g/Kg (ppb)]

Ag 10	Cr 10	Pb 10
Al 50	Cu 10	Sb 10
As 10	Fe 50	Sn 10
Au 10	Ga 10	Sr 10
B 20	K 20	Ti 10
Ba 20	Li 10	V 10
Be 10	Mg 20	Zn 20
Bi 10	Mn 10	Zr 10
Ca 50	Mo 10	
Cd 10	Na 50	
Co 10	Ni 10	

Order code	Package	Units/Box st.
875599.1611	1000 ml	6

Hexamethyldisilazane CG

for derivatization (GC)

$(CH_3)_3SiNHSi(CH_3)_3$

M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger

H225-H332-H312-H302-H319-H335-H315

1l-0,774kg 1kg-1,292l

SPECIFICATIONS:

Minimum assay (G.C.) 98,5 %

Identity IR p/t.

Order code	Package	Units/Box st.
355599.1606	25 ml	6

Hexamethyldisilazane, 98% PS



M: 161,41 CAS: 999-97-3 EINECS: 213-668-5 NC: 2931 00 95 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H319-H335-H315

1l-0,774kg 1kg-1,292l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 0,768-0,772

Order code	Package	Units/Box st.
165599.1609	250 ml	6

Hexamethylenediamine, 99% PS



M: 116,21 CAS: 124-09-4 EINECS: 204-679-6 NC: 2921 22 00 UN: 2280
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H312-H302-H314-H335

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Melting range 38-42°C

Order code	Package	Units/Box st.
161277.1609	250 g	6
161277.1611	1000 g	6

Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS



M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H228-H317

SPECIFICATIONS:

Minimum assay (Acidim.) a.d.s 99,0 %
Identity IR p/t.
pH of 10% solution 8,0-9,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Loss on drying 2,0 %
Residue on ignition (as SO₂) 0,05 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Ge 5	Se 5
B 5	In 5	Si 5
Ba 5	K 5	Sn 5
Be 5	Mg 5	Sr 5
Ca 5	Mn 5	Ti 5
Cd 5	Mo 5	Tl 5
Co 5	Ni 10	V 5
Cr 5	Pb 10	Zn 5
Cu 10	Pt 5	Zr 5
Fe 10	Sb 5	

Order code	Package	Units/Box st.
131346.1210	500 g	6
131346.1211	1000 g	6

Hexamethylenetetramine PRS



M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H228-H317

SPECIFICATIONS:

Assay (Acidim.) a.d.s 99,0-100,5 %
Identity IR p/t.
Insoluble matter in H₂O 0,01 %
Loss on drying 2,0 %
Residue on ignition (as SO₂) 0,05 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,001 %

Order code	Package	Units/Box st.
141346.1210	500 g	6
141346.1211	1000 g	6

Hexamethylenetetramine, 99% PS



M: 140,19 CAS: 100-97-0 EINECS: 202-905-8 NC: 2933 69 20 UN: 1328
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H228-H317

SPECIFICATIONS:

Assay (Acidim.) a.d.s 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
151346.1206	25 g	6
151346.1211	1000 g	6

Hexamethylparosaniline Chloride

(see Crystal Violet)

Hexamine

(see Hexamethylenetetramine)

n-Hexane (UV-IR-HPLC) PAI



M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,661kg 1kg-1,513l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Density at 20/4 0,660-0,662

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,005 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	225	230	245-400
A (AU)	1,000	0,699	0,222	0,071	0,046	0,027	0,009
T (%)	10	20	60	85	90	94	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,1
Eluotropic value E°(Al₂O₃) 0,01
Sol. H₂O in solv. at 20°C 0,01
P' + 0,25 E 0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362063.1611	1000 ml	6
362063.1612	2,5 l	4
362063.1646	4 l	4

n-Hexane (Reag. USP, Ph. Eur.) PA-ACS

C₆H₁₄

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,661kg 1kg-1,513l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t
Density at 20/20 0,659-0,663
Refractive index n_D²⁰ 1,375-1,376
Distillation range (>95% dist.) 67-69°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Darkened substances by H₂SO₄ p/t
Aromatic hydrocarbons (U.V.) (as C₆H₆) 0,01 %
Sulphur compounds (as S) 0,005 %
Acidity 0,0003 meq/g
Water (H₂O) 0,01 %
Thiophene p/t

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,2	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code Package Units/Box st.

132063.1611	1000 ml		6
132063.1612	2,5 l		4
132063.0314	5 l		4
132063.0316	25 l		

n-Hexane PRS

C₆H₁₄

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word:

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,661kg 1kg-1,513l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,660-0,662
Non-volatile matter 0,005 %
Acidity 0,001 meq/g
Sulphur compounds (as S) 0,01 %
Water (H₂O) 0,02 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code Package Units/Box st.

142063.1611	1000 ml		6
142063.1612	2,5 l		4
142063.0314	5 l		4
142063.0616	25 l		

n-Hexane 95% (UV-IR-HPLC) PAI-ACS

C₆H₁₄

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane) 95,0 %
Minimum assay (G.C.) (as isomers) 98,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0003 meq/g
Sulphur compounds (as S) 0,005 %
Thiophene (C₄H₄S) p/t
Water (H₂O) 0,01 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	230	245-400
A (AU)	1,000	0,699	0,222	0,097	0,027	0,009
T (%)	10	20	60	80	94	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,1
Eluotropic value E⁺(Al₂O₃) 0,01
Sol. H₂O in solv. at 20°C 0,01
P⁺ + 0,25 E 0,5

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

363242.1611	1000 ml		6
363242.1612	2,5 l		4

n-Hexane 95% (PAR) PAI

C₆H₁₄

M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane) 95,0 %
Minimum assay (G.C.) (as isomers) 98,5 %
Identity IR p/t

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0003 meq/g
Water (H₂O) 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code Package Units/Box st.

323242.1611	1000 ml		6
323242.1612	2,5 l		4

n-Hexane 95% dry (max. 0,005% water) DS-ACS

C₆H₁₄
 M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane) 95,0 %
 Minimum assay (G.C.) (as isomers) 98,5 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Darkened substances by H₂SO₄ p/t.
 Aromatic hydrocarbons (U.V.) (as C₆H₆) 0,01 %
 Sulphur compounds (as S) 0,005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,005 %
 Thiophene (C₂H₄S) p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,1
As 0,5	Ge 0,05	S 0,2
Au 0,1	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
483242.1611	1000 ml	6

n-Hexane 95% PA-ACS

C₆H₁₄
 M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane) 95,0 %
 Minimum assay (G.C.) (as isomers) 98,5 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Darkened substances by H₂SO₄ p/t.
 Aromatic hydrocarbons (UV) (as C₆H₆) 0,01 %
 Sulphur compounds (as S) 0,005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,01 %
 Thiophene (C₂H₄S) p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,1
As 0,5	Ge 0,05	S 0,2
Au 0,1	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
133242.1611	1000 ml	6
133242.1612	2,5 l	4
133242.0314	5 l	4
133242.0316	25 l	

n-Hexane 95% PRS

C₆H₁₄
 M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Assay (G.C.) (as n-Hexane) 95 %
 Identity IR p/t.
 Non-volatile matter 0,005 %
 Sulphur compounds (as S) 0,01 %
 Acidity 0,001 meq/g
 Water (H₂O) 0,02 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
143242.1611	1000 ml	6
143242.1612	2,5 l	4
143242.0314	5 l	4
143242.0616	25 l	

n-Hexane 95% PS

C₆H₁₄
 M: 86,18 CAS: 110-54-3 EINECS: 203-777-6 NC: 2901 10 00 UN: 1208
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361f-H304-H336-H411

1l-0,663kg 1kg-1,508l

SPECIFICATIONS:

Minimum assay (G.C.) (as n-Hexane) 95 %
 Minimum assay (G.C.) (as isomers) 98,5 %
 Identity IR p/t.
 Non-volatile matter 0,002 %
 Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
163242.1611	1000 ml	6
163242.1612	2,5 l	4
163242.1714	5 l	4
163242.0616	25 l	

iso-Hexane

(see Isohexane)

Hexane, alkanes mixture (HPLC) PAI

C₆H₁₄
 M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Minimum assay (G.C.) (as C₆H₁₄ isomers) 95,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,0005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,01 %
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200 (Cut off)	210	220	254-400
A (AU)	1,000	0,398	0,071	0,004
T (%)	10	40	85	99

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361347.1611	1000 ml	6
361347.1612	2,5 l	4
361347.0316	25 l	

H

Hexane, alkanes mixture (PAR) PAI

C₆H₁₄

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers C₆H₁₄)..... 95,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter..... 0,0005 %

Acidity..... 0,0003 meq/g

Water (H₂O)..... 0,01 %

Signal ECD of pesticide (Lindane to DDT) (as Lindane)..... 5 ng/l

Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)..... 5 ng/l

Order code	Package	Units/Box st.
321347.1611	1000 ml	6
321347.1612	2,5 l	4

Hexane, alkanes mixture PA

C₆H₁₄

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers C₆H₁₄)..... 95,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter..... 0,001 %

Darkened substances by H₂SO₄..... p/t.

Sulphur compounds (as S)..... 0,005 %

Acidity..... 0,0003 meq/g

Water (H₂O)..... 0,01 %

Thiophene..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Fe.....0,1	Pb.....0,1
Al.....0,5	Ga.....0,02	Pt.....0,02
As.....0,05	Ge.....0,05	S.....0,2
Au.....0,05	Hg.....0,05	Sb.....0,02
B.....0,02	In.....0,05	Si.....0,2
Ba.....0,1	K.....0,1	Sn.....0,1
Be.....0,02	Li.....0,05	Sr.....0,2
Bi.....0,05	Mg.....0,1	Ti.....0,02
Ca.....0,5	Mn.....0,02	Tl.....0,02
Cd.....0,05	Mo.....0,02	V.....0,02
Co.....0,02	Na.....0,5	Zn.....0,1
Cr.....0,02	Ni.....0,02	Zr.....0,02
Cu.....0,02	P.....5,0	

Order code	Package	Units/Box st.
121347.1611	1000 ml	6
121347.1612	2,5 l	4
121347.0314	5 l	4
121347.0316	25 l	4

Hexane, alkanes mixture PRS

C₆H₁₄

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Assay (G.C.) (as isomers C₆H₁₄)..... 95 %

Non-volatile matter..... 0,005 %

Sulphur compounds (as S)..... 0,01 %

Acidity..... 0,001 meq/g

Water (H₂O)..... 0,02 %

Cu..... 0,00002 %

Fe..... 0,00005 %

Ni..... 0,00002 %

Pb..... 0,00002 %

Order code	Package	Units/Box st.
141347.1611	1000 ml	6
141347.1612	2,5 l	4
141347.0314	5 l	4
141347.0616	25 l	4

Hexane, 95% alkanes mixture PS

C₆H₁₄

M: 86,18 CAS: 92112-69-1 EINECS: 295-570-2 NC: 2901 10 00 UN: 1208
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H411-H304-H336

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers C₆H₁₄)..... 95 %

Non-volatile matter..... 0,001 %

Water (H₂O)..... 0,01 %

Order code	Package	Units/Box st.
161347.1611	1000 ml	6
161347.1612	2,5 l	4
161347.1714	5 l	4
161347.0616	25 l	4

1,6-Hexanediamine

(see Hexamethylenediamine)

1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography

C₆H₁₃NaO₃S

M: 188,22 CAS: 2832-45-3 EINECS: 220-601-3 NC: 2904 10 00

Minimum assay (Acidim.) (a.d.s.)..... 99,0 %

Identity..... IR p/t.

UV Spectrum 0,005 mol/l solution

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
363428.1606	25 g	6

Hexanoic Acid, 98% PS

CH₃(CH₂)₄COOH

M: 116,16 CAS: 142-62-1 EINECS: 205-550-7 NC: 2915 90 80 UN: 2829

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319

1l-0,927kg 1kg-1,079l

SPECIFICATIONS:

Minimum assay (G.C.)..... 98 %

Identity..... IR p/t.

Density at 20/4..... 0,925-0,928

Order code	Package	Units/Box st.
162589.1610	500 ml	6
162589.1611	1000 ml	6
162589.1214	5 l	4

Hexanoic Acid Chloride

(see Hexanoyl Chloride)

Hexanoic Acid Methyl Ester

(see Methyl Hexanoate)

1-Hexanol, 98% PS

C₆H₁₄O

M: 102,18 CAS: 111-27-3 EINECS: 203-852-3 NC: 2905 19 00 UN: 2282

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H302

1l-0,821kg 1kg-1,218l

SPECIFICATIONS:

Minimum assay (G.C.)..... 98 %

Identity..... IR p/t.

Density at 20/4..... 0,816-0,826

Order code	Package	Units/Box st.
165794.1210	500 ml	6
165794.1211	1000 ml	6

3-Hexanol, 98% PS

C₆H₁₄O
M: 102,17 CAS: 623-37-0 EINECS: 210-790-0 NC: 2905 19 00 UN: 2282
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

 H226-H302
 1l-0,819kg 1kg-1,221l

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A165.1606	25 ml 	6

Hexanoyl Chloride, 98% PS

C₆H₁₁ClO
M: 134,61 CAS: 142-61-0 EINECS: 205-549-1 NC: 2915 90 80 UN: 3265
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger

 EUH014-H314-H335
 1l-0,975kg 1kg-1,026l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,975-0,978

Order code	Package	Units/Box st.
15A810.1608	100 ml 	6

1,4,7,10,13,16-Hexaoxacyclooctadecane

(see Crown Ether/18-Crown-6)

n-Hexyl Alcohol

(see 1-Hexanol)

n-Hexyl Bromide

(see 1-Bromohexane)

Hexylene Glycol

(see 2-Methyl-2,4-Pentanediol)

HFBA

(see Heptafluorobutyric Anhydride)

L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₉N₃O₂
M: 155,16 CAS: 71-00-1 EINECS: 200-745-3 NC: 2933 29 90

SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s. 98,5-101,0%
 Identity according to Pharmacopoeias p/t.
 T.L.C p/t.
 Specific rotation [α]_D²⁰ c=11 (in HCl 3,3 mol/l)
 (calc. a.d.s.) +11,8 to +12,4°
 Specific rotation [α]_D²⁵ c=11 (in HCl 6 mol/l) +12,6 to +14,0°
 pH of 2% solution 7,0-8,5

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Loss on drying at 105°C 0,2 %
 Residue on ignition (as SO₄) 0,1 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142045.1208	100 g 	6

L-Histidine, 99% PS

C₆H₉N₃O₂
M: 155,16 CAS: 71-00-1 EINECS: 200-745-3 NC: 2933 29 90

SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
152045.1606	25 g 	6
152045.1608	100 g 	6
152045.1610	500 g 	6

L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

C₆H₉N₃O₂·HCl·H₂O
M: 209,63 CAS: 5934-29-2 EINECS: 211-438-9 NC: 2933 29 90

SPECIFICATIONS:
 Assay (Arg.) (calc. a.a.s.) 98,5-101,0%
 Identity according to Pharmacopoeias p/t.
 T.L.C p/t.
 Specific rotation [α]_D²⁰ c=11, (in HCl 6 mol/l)
 (calc. a.a.s.) +9,2 to +10,6°
 pH of 5% solution 3,0-5,0

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Loss on drying at 150°C 7,0-10,0 %
 Residue on ignition (as SO₄) 0,1 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142198.1208	100 g 	6

L-Histidine mono-Hydrochloride 1-hydrate, 99% PS

C₆H₉N₃O₂·HCl·H₂O
M: 209,63 CAS: 5934-29-2 EINECS: 211-438-9 NC: 2933 29 90

SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
152198.1606	25 g 	6
152198.1608	100 g 	6

HISTOFIX

Histofix® Preservative ready to use DC

(® Registered trade-mark of Panreac Química S.A.U.) for histology
NC: 3822 00 00
OBSERVATIONS: This product is Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol (1% w/v)
Signal Word: Warning

 H351-H317
 1l-1,019kg 1kg-0,981l

SPECIFICATIONS:
 Assay (Yodom.) 3,7-4,0 %
 pH 6,8-7,2
 Methanol (w/v) 1 - 1,5 %

Order code	Package	Units/Box st.
256462.0905	45x10 ml 	(*)
256462.0955	44x20 ml 	(**)
256462.0962	45x30 ml 	(***)
256462.0961	45x40 ml 	(****)
256462.0967	24x75 ml 	(****)
256462.0943	16 x125 ml 	(*****)
256462.094	12 x 200 ml 	(*****)
256462.09149	10 x 600 ml 	(*****)
256462.09118	1,5 l 	4 (*****)
256462.0931	3 l 	(*****)
256462.0914	5 l 	(*****)

Histofix® decalcifier 1 DC

(® Registered trade-mark of Panreac Química S.A.U.)
 slow decalcifier and fixing agent
NC: 3822 00 00 UN: 3264
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
Signal Word: Warning

 H319-H335-H315-H351-H361f
 1l-1,038kg 1kg-0,963l

SPECIFICATIONS:
 Suitability as decalcifier p/t.

Order code	Package	Units/Box st.
256239.1211	1000 ml 	6
256239.1214	5 l 	4

(*) Package capacity: 20 ml
 (**) Package capacity: 40 ml
 (***) Package capacity: 60 ml
 (****) Package capacity: 60 ml
 (*****) Package capacity: 120 ml
 (*****) Package capacity: 250 ml
 (*****) Package capacity: 500 ml
 (*****) Package capacity: 1000 ml
 (*****) Package capacity: 3 l
 (*****) Package capacity: 6 l
 (*****) Package capacity: 10 l

Histofix® decalcifier 2 DC

(® Registered trade-mark of Panreac Química S.A.U.)medium decalcifier for fixed tissues

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,048kg 1kg~0,954l

SPECIFICATIONS:

Suitability as decalcifier..... p/t.

Order code	Package	Units/Box st.
256238.1211	1000 ml	6
256238.1214	5 l	4

Histofix® decalcifier 3 DC

(® Registered trade-mark of Panreac Química S.A.U.)fast decalcifier for fixed tissues

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Suitability as decalcifier..... p/t.

Order code	Package	Units/Box st.
256237.1211	1000 ml	6
256237.1212	2,5 l	4

Histofix® marrow decalcifier DC

(® Registered trade-mark of Panreac Química S.A.U.)

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H373-H412

Comprised of:

3x100 ml Solution A fixative

3x100 ml Solution B decalcifier

Order code	Package	Units/Box st.
256284.0922	pack	6

Histofix® Spray fixative DC

(® Registered trade-mark of Panreac Química S.A.U.)

NC: 3822 00 00 FEMA F-E, S-D

UN: 1170 ADR: 3/II IMDG: 3/II IATA: 3/II PAX: 305 CAO: 307 (D/E)

1l~0,825kg 1kg~1,212l

SPECIFICATIONS:

Composition:

Polyethylene glycol 6000.....50 gr.

Water.....75 ml

Ethanol s.q.f.....925 ml

Order code	Package	Units/Box st.
256700.3408	6x100 ml	6

Histofix® Substitute of Formaldehyde DC

(® Registered trade-mark of Panreac Química S.A.U.) for histology, fixing

NC: 3822 00 00

Signal Word: Warning



H332-H319-H315-H317-H341

1l~1,111kg 1kg~0,900l

Composition:

Glyoxal.....15-25 %

Ethanol absolute.....5-8 %

Acetic Acid glacial.....<5 %

Methanol.....<0,5 %

Order code	Package	Units/Box st.
255805.2711	1000 ml	6
255805.2714	5 l	4

Histofluid ®, mounting medium DC

for microscopy, mounting medium (® Registered trade-mark of Paul Marienfeld GmbH&Co.KG)

NC: 3822 00 00 UN: 1866

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H332-H312-H315

1l~0,950kg 1kg~1,052l

SPECIFICATIONS:

Refractive index n²⁰/D..... 1,493-1,496

Order code	Package	Units/Box st.
255598.0010	500 ml	6

HMDS

(see Hexamethyldisilazane)

HOBT

(see 1-Hydroxybenzotriazole)

HOLMIUM SOLUTIONS

(see Standards for ICP)

Holmium(III) Oxide (Reag. Ph. Eur.) PA

Ho₂O₃

M: 377,88 CAS: 12055-62-8 EINECS: 235-015-3 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay 99,9 %

Order code	Package	Units/Box st.
126069.1604	5 g	6

HPLC Linearity, Verification Kit

(see Kit for HPLC Linearity Verification)

Huenig's Base

(see N-Ethyl Di-Isopropylamine)

Hyamine 1622

(see Benzethonium Chloride)

Hydantoin, 99% PS

C₃H₄N₂O₂

M: 100,08 CAS: 461-72-3 EINECS: 207-313-3 NC: 2933 21 00

SPECIFICATIONS:

Assay 99 %

Identity..... IR p/t.

Order code	Package	Units/Box st.
15B690.1208	100 g	6
15B690.1210	500 g	6

Hydrazine

(see Hydrazinium compounds)

Hydrazine Hydrate

(see Hydrazinium Hydroxide)

Hydrazine di-Hydrochloride

(see Hydrazinium di-Chloride)

Hydrazinium mono-Bromide, 99% PS

H₂N-NH₂HBr

M: 112,96 CAS: 13775-80-9 EINECS: 237-412-7 NC: 2825 10 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %

Identity..... IR p/t.

Order code	Package	Units/Box st.
153241.1207	50 g	6
153241.1209	250 g	6

Hydrazinium mono-Chloride PRS

H₂N-NH₂.HCl

M: 68,50 CAS: 2644-70-4 EINECS: 220-154-4 NC: 2825 10 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %

Identity..... IR p/t.

Insoluble matter in H₂O..... 0,01 %

Residue on ignition (as SO₂)..... 0,05 %

Sulphate (SO₄) 0,005 %

Cu 0,0005 %

Fe 0,0005 %

Ni 0,0005 %

Pb 0,0005 %

Zn 0,0005 %

Order code	Package	Units/Box st.
142594.1210	500 g	6
142594.1211	1000 g	6
142594.0914	5 kg	6

Hydrazinium mono-Chloride, 99% PS

H₂N-NH₂·HCl
 M: 68,50 CAS: 2644-70-4 EINECS: 220-154-4 NC: 2825 10 00 UN: 3288
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
152594.1209	250 g	6
152594.1211	1000 g	6

Hydrazinium di-Chloride (Reag. USP) PA

H₂N-NH₂·2HCl
 M: 104,97 CAS: 5341-61-7 EINECS: 226-283-2 NC: 2825 10 00 UN: 3288
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Residue on ignition (as SO₄) 0,05 %
 Sulphate (SO₄) 0,002 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,0005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
122595.1210	500 g	6
122595.1211	1000 g	6
122595.0914	5 kg	

Hydrazinium di-Chloride, 99% PS

H₂N-NH₂·2HCl
 M: 104,97 CAS: 5341-61-7 EINECS: 226-283-2 NC: 2825 10 00 UN: 3288
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
152595.1208	100 g	6
152595.1210	500 g	6

Hydrazinium Hydroxide 100% PS

H₂N-NH₂·OH
 M: 50,06 CAS: 7803-57-8 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
 Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

SPECIFICATIONS:

1l-1,030kg 1kg-0,970l
 Minimum assay (Iodom.) 99 %
 Density at 20/4 1,030-1,032

Order code	Package	Units/Box st.
15A811.1211	1000 ml	6

Hydrazinium Hydroxide 80% PA

H₂N-NH₂·OH
 M: 50,06 CAS: 10217-52-4 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
 Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

1l-1,030kg 1kg-0,971l

SPECIFICATIONS:

Minimum assay (Iodom.) 80,0 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl) 0,003 %
 Sulphate (SO₄) 0,005 %
 Cu 0,0005 %
 K 0,005 %
 Na 0,015 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
121349.1211	1000 ml	6
121349.1214	5 l	4

Hydrazinium Hydroxide 80% PS

H₂N-NH₂·OH
 M: 50,06 CAS: 10217-52-4 EINECS: 206-114-9 NC: 2825 10 00 UN: 2030
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 812
 Signal Word: Danger



H350-H331-H311-H301-H314-H317-H410

1l-1,030kg 1kg-0,971l

SPECIFICATIONS:

Assay (Iodom.) 80 %

Order code	Package	Units/Box st.
151349.1211	1000 ml	6

Hydrazinium Sulphate PA-ACS

H₂N-NH₂·H₂SO₄
 M: 130,12 CAS: 10034-93-2 EINECS: 233-110-4 NC: 2825 10 00 UN: 3288
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Residue on ignition (as SO₄) 0,02 %
 Chloride (Cl) 0,001 %
 Heavy metals (as Pb) 0,001 %
 Metals by ICP [mg/Kg (ppm)]

Ba 5 Cu 10 Ni 10
 Be 5 Fe 10 Pb 10
 Cd 5 In 5 Si 5
 Co 5 Mn 5 Sr 5

Order code	Package	Units/Box st.
131350.1210	500 g	6
131350.1211	1000 g	6
131350.0914	5 kg	

Hydrindantine 2-hydrate PA

for determination of aminoacids
 C₁₈H₁₆O₆·2H₂O
 M: 358,31 CAS: 5950-69-6 EINECS: 225-823-4 NC: 2914 40 90
 Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 150°C 9-12 %
 Suitability for aminoacids determination p/t.

Order code	Package	Units/Box st.
123226.1605	10 g	6
123226.1608	100 g	6

H

Hydriodic Acid 57% PA-ACS

HI
M: 127,91 CAS: 10034-85-2 EINECS: 233-109-9 NC: 2811 19 80 UN: 1787
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l-1,70kg 1kg-0,59l

SPECIFICATIONS:
Assay (Acidim.)55,0-58,0 %

MAXIMUM LIMIT OF IMPURITIES
Residue on ignition (as SO₄) 0,01 %
Chloride and Bromide (as Cl) 0,05 %
Phosphorus compounds (as PO₄) 0,001 %
Sulphate (SO₄) 0,002 %
Free iodine (I₂) 0,75 %
Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Fe.....1	Pt.....0,1
Al .....1	Ga.....0,05	Sb.....0,05
As .....5	Ge.....0,05	Si.....0,1
Au .....0,1	Hg.....0,1	Sn .....0,05
B .....0,05	In.....0,05	Sr.....0,1
Ba .....0,1	K .....1	Ti.....0,05
Be.....0,1	Li.....0,1	Tl.....0,05
Bi.....0,05	Mg .....1	V .....0,05
Ca.....1	Mn .....0,1	Zn .....0,5
Cd.....0,1	Mo .....0,1	Zr .....0,05
Co.....0,1	Na.....1	
Cr.....0,1	Ni.....0,1	
Cu.....0,1	Pb.....0,1	

Order code **Package** **Units/Box st.**
132213.1611 1000 ml 6

Hydriodic Acid 57% PRS

HI
M: 127,91 CAS: 10034-85-2 EINECS: 233-109-9 NC: 2811 19 80 UN: 1787
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314
1l-1,70kg 1kg-0,59l

SPECIFICATIONS:
Assay (Acidim.)55-58 %
Residue on ignition (as SO₄) 0,1 %
Chloride and bromide (as Cl) 0,1 %
Sulphate (SO₄) 0,01 %
As 0,0005 %
Cu 0,001 %
Fe.....0,001 %
Ni 0,001 %
Pb.....0,001 %

Order code **Package** **Units/Box st.**
142213.1611 1000 ml 6

HYDROALCOHOLIC SOLUTIONS

Hydroalcoholic Solution 20% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology
NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225
1l-0,974kg 1kg~1,026l

Order code **Package** **Units/Box st.**
625435.1609 250 ml 6

Hydroalcoholic Solution 16% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology
NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225
1l-0,979kg 1kg~1,021l

Order code **Package** **Units/Box st.**
625434.1609 250 ml 6

Hydroalcoholic Solution 13,5% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology
NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225

Order code **Package** **Units/Box st.**
625339.1609 250 ml 6

Hydroalcoholic Solution 11% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology
NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225
Order code **Package** **Units/Box st.**
625338.1609 250 ml 6

Hydroalcoholic Solution 8,5% v/v VINIKIT

for calibration of alcoholometers and densimeters in oenology
NC: 3822 00 00 UN: 1170
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Danger



H225
Order code **Package** **Units/Box st.**
625337.1609 250 ml 6

Hydrobromic Acid 48% PA-ACS-ISO

HB
M: 80,92 CAS: 10035-10-6 EINECS: 233-113-0 NC: 2811 19 10 UN: 1788
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335
1l-1,49kg 1kg-0,67l

SPECIFICATIONS:
Assay (Acidim.)47,0-49,0 %
Density at 20/4≥1,49

MAXIMUM LIMIT OF IMPURITIES
Residue on ignition (as SO₄) 0,002 %
Chloride (Cl) 0,03 %
Phosphate (PO₄) 0,0005 %
Sulphate and Sulphite (as SO₄) 0,003 %
Iodide (I) 0,002 %
Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,01	Fe.....0,1	Pt.....0,1
Al .....0,1	Ga.....0,05	Sb.....0,02
As .....0,5	Ge.....0,02	Se .....0,01
Au .....0,1	Hg.....0,1	Si .....0,1
B .....0,1	In.....0,05	Sn .....0,05
Ba .....0,1	K .....0,5	Sr .....0,02
Be.....0,02	Li.....0,02	Ti.....0,05
Bi.....0,05	Mg .....0,1	Tl.....0,02
Ca.....0,5	Mn .....0,05	V .....0,02
Cd.....0,05	Mo .....0,02	Zn .....0,1
Co.....0,02	Na.....0,5	Zr .....0,05
Cr.....0,1	Ni.....0,02	
Cu.....0,02	Pb.....0,02	

Order code **Package** **Units/Box st.**
131017.1611 1000 ml 6

Hydrobromic Acid 48% PRS

HB
M: 80,92 CAS: 10035-10-6 EINECS: 233-113-0 NC: 2811 19 10 UN: 1788
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314-H335
1l-1,49kg 1kg-0,67l

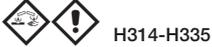
SPECIFICATIONS:
Assay (Acidim.)48 %
Density at 20/4≥ 1,49

Residue on ignition (as SO₄) 0,01 %
Chloride (Cl) 0,05 %
Phosphate (PO₄) 0,001 %
Sulphate and Sulphite (as SO₄) 0,01 %
As 0,00005 %
Ca 0,005 %
Cu 0,001 %
Fe.....0,001 %
Mg 0,005 %
Ni 0,001 %
Pb.....0,001 %

Order code **Package** **Units/Box st.**
141017.1611 1000 ml 6
141017.1214 5 l 6

Hydrochloric Acid 37% (TMA) ANALPUR

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.) 36,5-38,0 %

MAXIMUM LIMIT OF IMPURITIES

Colour APHA 10
 Residue on ignition (as SO₂) 0,0002 %
 Ammonium (NH₄) 0,0001 %
 Free Chlorine (Cl) 0,00005 %
 Bromide (Br) 0,005 %
 Phosphate (PO₄) 0,000001 %
 Sulphate (SO₄) 0,00005 %
 Sulphite (SO₃) 0,0001 %

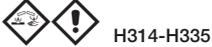
Metals by ICP [mg/Kg (ppm)]

Ag 0,001	Cu 0,001	Ni 0,005
Al 0,02	Fe 0,01	Pb 0,001
As 0,005	Ga 0,005	Pt 0,01
Au 0,005	Hg 0,005	Sn 0,005
Ba 0,005	In 0,002	Sr 0,001
Be 0,001	K 0,01	Ti 0,001
Bi 0,005	Li 0,001	Tl 0,001
Ca 0,05	Mg 0,005	V 0,001
Cd 0,001	Mn 0,001	Zn 0,005
Co 0,001	Mo 0,001	Zr 0,001
Cr 0,005	Na 0,02	

Order code	Package	Units/Box st.
381020.1210	500 ml	6

Hydrochloric Acid 37% (VLSI) EG

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Minimum assay 36,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Free halogens (Cl₂) p/t.
 Phosphate (PO₄) 0,00005 %
 Sulphate (SO₄) 0,0001 %
 Sulphite (SO₃) 0,0001 %
 0,5 µm particles 250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 10	Cr 10	Nb 10
Al 50	Cu 10	Ni 10
As 10	Fe 50	Pb 10
Au 10	Ga 10	Sb 10
B 20	Ge 10	Sn 20
Ba 10	K 50	Sr 20
Be 10	Li 10	Ti 10
Bi 20	Mg 50	Tl 10
Ca 50	Mn 10	V 10
Cd 10	Mo 10	Zn 50
Co 10	Na 200	Zr 10

Order code	Package	Units/Box st.
871020.1212	2,5 l	4

Hydrochloric Acid 37% (MOS) EG

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Minimum assay 36,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Free halogens (Cl₂) p/t.
 Phosphate (PO₄) 0,00005 %
 Sulphate (SO₄) 0,0002 %
 Sulphite (SO₃) 0,0001 %
 0,5 µm particles* 1000 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 20	Cu 10	Sb 10
Al 50	Fe 200	Sn 20
As 10	Ga 20	Sr 20
Au 20	K 100	Ti 10
B 20	Li 20	Zn 50
Ba 100	Mg 100	Zr 10
Bi 20	Mn 10	
Ca 200	Mo 10	
Cd 10	Na 500	
Co 10	Ni 10	
Cr 10	Pb 20	

*Indicative value

Order code	Package	Units/Box st.
861020.1212	2,5 l	4

Hydrochloric Acid 37% (max.0,000005% Hg) PA-ACS-ISO

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.) 36,5-38,0 %

Density at 15/4 ≥1,19

Appearance p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Residue on ignition (as SO₂) 0,0005 %
 Extractable organic substances p/t.
 Chlorine (Cl) 0,0001 %
 Bromide (Br) 0,005 %
 Sulphate (SO₄) 0,0001 %
 Sulphite (SO₃) 0,0001 %
 Ammonium (NH₄) 0,0003 %
 Heavy metals (as Pb) 0,0001 %
 Hg 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Pb 0,02
Al 0,1	Fe 0,1	Pt 0,1
As 0,01	Ga 0,05	Sb 0,01
Au 0,1	Ge 0,02	Si 0,1
B 0,2	In 0,05	Sn 0,1
Ba 0,05	K 0,1	Sr 0,02
Be 0,02	Li 0,02	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,01	V 0,01
Cd 0,01	Mo 0,01	Zn 0,05
Co 0,01	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	

Order code	Package	Units/Box st.
471020.1611	1000 ml	6
471020.1612	2,5 l	4

Hydrochloric Acid 37% PA-ACS-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.)36,5-38,0 %
Density at 15/4≥1,19
Appearance p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
Residue on ignition (as SO₂)0,0005 %
Extractable organic substances p/t.
Chlorine (Cl)0,0001 %
Bromide (Br)0,0005 %
Sulphate (SO₄)0,0001 %
Sulphite (SO₃)0,0001 %
Ammonium (NH₄)0,0003 %
Heavy metals (as Pb)0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Cu .....0,02	Ni .....0,02
Al .....0,1	Fe .....0,2	Pb .....0,02
As .....0,01	Ga .....0,05	Pt .....0,1
Au .....0,1	Ge .....0,02	Sb .....0,01
B .....0,2	Hg .....0,1	Si .....0,1
Ba .....0,05	In .....0,05	Sn .....0,1
Be .....0,02	K .....0,1	Sr .....0,02
Bi .....0,05	Li .....0,02	Ti .....0,02
Ca .....0,5	Mg .....0,1	Tl .....0,02
Cd .....0,01	Mn .....0,01	V .....0,01
Co .....0,01	Mo .....0,01	Zn .....0,05
Cr .....0,02	Na .....0,5	Zr .....0,02

Order code	Package	Units/Box st.
131020.1611	1000 ml	6
131020.1211	1000 ml	6
131020.2211	1000 ml	6
131020.1612	2,5 l	4
131020.1212	2,5 l	4
131020.2212	2,5 l	4
131020.1214	5 l	4
131020.0716	25 l	4
131020.0718	60 l	4
131020.0719	200 l	4

Hydrochloric Acid 37% (RFE, BP, Ph. Eur.)

PRS-CODEX

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.)36,5-39,0 %
Identity according to Pharmacopoeias p/t.
Density at 15/4≥1,19

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Non-volatile matter0,01 %
Residue on ignition (as SO₂)0,0005 %
Residual solvents (Ph.Eur./USP) p/t.
Chlorine0,0004 %
Bromide (Br)0,0001 %
Sulphate (SO₄)0,0005 %
Sulphite0,0005 %
Ammonium (NH₄)0,0001 %
Heavy metals (as Pb)0,0002 %
As0,0002 %
Cu0,0002 %
Fe0,0001 %
Ni0,0002 %
Pb0,0002 %

Order code	Package	Units/Box st.
141020.1611	1000 ml	6
141020.1612	2,5 l	4
141020.1214	5 l	4
141020.0716	25 l	4
141020.0718	60 l	4

Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay, not less than23 °Bé
Colour p/t.
Concentration of HCl, not less than37 %
Heavy metals (as Pb), not more than1 ppm
Iron, not more than5 ppm
Non-volatile residue, not more than0,5 %
Oxidizing substances (as Cl₂), not more than0,003 %
Reducing substances (as SO₂), not more than0,007 %
Specific gravity, not less than1,190
Sulphate, not more than0,5 %
Extractable organic compounds: Total org.comp.
(Non-Fluorine-cont), not more than5 ppm
Including:
Benzene, not more than0,05 ppm
Fluorinated org. compounds (total), not more than25 ppm
Arsenic, not more than1 ppm
Mercury, not more than1 ppm
Lead, not more than1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201020.1214	5 l	4
201020.0716	25 l	4

Hydrochloric Acid 37% QP

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.)36,5-39 %
Density at 15/41,185-1,195
Sulphate (SO₄)0,005 %
Ammonium (NH₄)0,0005 %
As0,0003 %
Fe0,0005 %
Pb0,0005 %

Order code	Package	Units/Box st.
211020.1611	1000 ml	6
211020.1214	5 l	4
211020.0716	25 l	4
211020.0718	60 l	4
211020.0719	200 l	4

Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H314-H335
 1l-1,185kg 1kg-0,844l

SPECIFICATIONS:
 Assay (Acidim.)32-35 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag.....10	Hf.....10	Sb.....20
Al.....20	Hg.....50	Sc.....10
As.....50	Ho.....1	Sm.....1
Au.....50	In.....1	Sn.....20
B.....100	K.....10	Sr.....10
Ba.....10	La.....1	Tb.....1
Be.....10	Li.....10	Te.....1
Bi.....10	Lu.....10	Th.....1
Ca.....10	Mg.....10	Ti.....10
Cd.....10	Mn.....10	Tl.....10
Ce.....10	Mo.....10	Tm.....1
Co.....10	Na.....10	U.....1
Cr.....10	Nb.....1	V.....10
Cs.....10	Nd.....1	W.....10
Cu.....10	Ni.....20	Y.....1
Dy.....1	Pb.....10	Yb.....1
Er.....1	Pr.....1	Zn.....10
Eu.....1	Rb.....10	Zr.....10
Fe.....10	Re.....10	
Ga.....10	Rh.....10	
Gd.....1	Ru.....10	

Analysis Type:

Ag.....5	Hf.....0,05	Rh.....1
Al.....10	Hg.....20	Ru.....10
As.....20	Ho.....0,01	Sb.....20
Au.....10	In.....0,1	Sc.....1
B.....10	K.....10	Se.....50
Ba.....1	La.....0,05	Sm.....0,01
Be.....5	Li.....1	Sn.....10
Bi.....0,05	Lu.....0,01	Sr.....1
Ca.....10	Mg.....5	Ta.....20
Cd.....0,1	Mn.....2	Tb.....0,01
Ce.....0,05	Mo.....5	Te.....1
Co.....3	Na.....5	Th.....0,05
Cr.....10	Nb.....1	Ti.....10
Cs.....0,05	Nd.....0,05	Tl.....0,1
Cu.....3	Ni.....10	Tm.....0,01
Dy.....0,01	Pb.....1	U.....0,01
Er.....0,01	Pd.....10	V.....1
Eu.....0,01	Pr.....0,05	W.....5
Fe.....10	Pt.....1	Y.....0,1
Ga.....1	Rb.....1	Yb.....0,01
Gd.....0,01	Re.....0,1	Zn.....5
		Zr.....1

Order code	Package	Units/Box st.
711019.0009	250 ml	6
711019.0010	500 ml	6

Hydrochloric Acid 35% (TMA) HIPERPUR

HCl
 M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H314-H335
 1l-1,185kg 1kg-0,844l

SPECIFICATIONS:
 Assay (Acidim.)34-37 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Free chlorine (Cl).....0,00005 %
 Bromide (Br).....0,0010 %
 Total sulphur.....0,00003 %
 Total phosphorus.....0,000001 %

Metals by ICP (ppb)

Ag.....1	Hf.....0,1	Sb.....0,5
Al.....1	Hg.....0,1	Sc.....0,1
As.....0,5	Ho.....0,1	Se.....1
Au.....0,5	In.....0,1	Sm.....0,1
B.....1	K.....1	Sn.....0,5
Ba.....0,1	La.....0,1	Sr.....0,1
Be.....0,1	Li.....0,1	Tb.....0,1
Bi.....0,1	Lu.....0,1	Te.....0,1
Ca.....1	Mg.....0,5	Th.....0,1
Cd.....0,1	Mn.....0,1	Ti.....0,5
Ce.....0,1	Mo.....0,1	Tl.....0,1
Co.....0,1	Na.....1	Tm.....0,1
Cr.....0,5	Nb.....0,1	U.....0,1
Cs.....0,1	Nd.....0,1	V.....0,5
Cu.....0,5	Ni.....0,5	W.....0,1
Dy.....0,1	Pb.....0,1	Y.....0,1
Er.....0,1	Pr.....0,1	Yb.....0,1
Eu.....0,1	Rb.....0,1	Zn.....1
Fe.....1	Re.....0,1	Zr.....0,1
Ga.....0,1	Rh.....0,1	
Gd.....0,1	Ru.....0,1	

Analysis Type:

Ag.....0,1	Hf.....0,1	Rh.....0,1
Al.....0,5	Hg.....0,02	Ru.....0,1
As.....0,1	Ho.....0,1	Sb.....0,1
Au.....0,1	In.....0,1	Sc.....0,1
B.....0,5	K.....0,1	Se.....0,5
Ba.....0,1	La.....0,1	Sm.....0,1
Be.....0,1	Li.....0,1	Sn.....0,1
Bi.....0,1	Lu.....0,1	Sr.....0,1
Ca.....0,5	Mg.....0,5	Ta.....0,5
Cd.....0,1	Mn.....0,1	Tb.....0,1
Ce.....0,1	Mo.....0,1	Te.....0,1
Co.....0,1	Na.....0,5	Th.....0,1
Cr.....0,1	Nb.....0,1	Ti.....0,1
Cs.....0,1	Nd.....0,1	Tl.....0,1
Cu.....0,1	Ni.....0,1	Tm.....0,1
Dy.....0,1	Pb.....0,1	U.....0,1
Er.....0,1	Pd.....0,5	V.....0,1
Eu.....0,1	Pr.....0,1	W.....0,1
Fe.....0,5	Pt.....0,5	Y.....0,1
Ga.....0,1	Rb.....0,1	Yb.....0,1
Gd.....0,1	Re.....0,1	Zn.....0,5
		Zr.....0,1

Order code	Package	Units/Box st.
721019.0010	500 ml	6
721019.0011	1000 ml	6
721019.0012	2,5 l	4

H

Hydrochloric Acid 32% PA-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 32 %
 Density at 15/4 ≥1,16

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Residue on ignition (as SO ₂).....	0,0005 %
Chlorine (Cl).....	0,0001 %
Bromide (Br).....	0,005 %
Sulphate (SO ₄).....	0,0001 %
Sulphite (SO ₃).....	0,0001 %
Ammonium (NH ₄).....	0,0003 %
Heavy metals (as Pb).....	0,0001 %
Al.....	0,00001 %
As.....	0,000001 %
Ba.....	0,000005 %
Be.....	0,000002 %
Ca.....	0,00005 %
Cd.....	0,000001 %
Co.....	0,000001 %
Cr.....	0,000002 %
Cu.....	0,000002 %
Fe.....	0,00002 %
K.....	0,00001 %
Li.....	0,000002 %
Mg.....	0,00001 %
Mn.....	0,000001 %
Na.....	0,00005 %
Ni.....	0,000002 %
Pb.....	0,000002 %
Sr.....	0,000002 %
Zn.....	0,000005 %

Order code	Package	Units/Box st.
132176.1611	1000 ml	6
132176.1612	2,5 l	4
132176.1214	5 l	4
132176.0716	25 l	
132176.0718	60 l	

Hydrochloric Acid 32% PRS

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay (Acidim.).....	32 %
Density at 15/4.....	≥1,165
Residue on ignition (as SO ₂).....	0,005 %
Chlorine (Cl).....	0,001 %
Bromide (Br).....	0,01 %
Sulphate (SO ₄).....	0,0005 %
Sulphite (SO ₃).....	0,0005 %
Ammonium (NH ₄).....	0,001 %
As.....	0,00001 %
Cu.....	0,0005 %
Fe.....	0,0001 %
Ni.....	0,0005 %
Pb.....	0,0005 %

Order code	Package	Units/Box st.
142176.1611	1000 ml	6
142176.1214	5 l	4
142176.0716	25 l	

Hydrochloric Acid 25% PA-ISO

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

1l-1,12kg 1kg-0,89l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 25,0 %
 Density at 15/4 ≥1,12

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Residue on ignition (as SO ₂).....	0,0005 %
Chlorine (Cl).....	0,0001 %
Bromide (Br).....	0,005 %
Sulphate (SO ₄).....	0,0001 %
Sulphite (SO ₃).....	0,0001 %
Ammonium (NH ₄).....	0,0003 %
Heavy metals (as Pb).....	0,0001 %
Al.....	0,00001 %
As.....	0,000001 %
Ba.....	0,000005 %
Be.....	0,000002 %
Ca.....	0,00005 %
Cd.....	0,000001 %
Co.....	0,000001 %
Cr.....	0,000002 %
Cu.....	0,000002 %
Fe.....	0,00002 %
K.....	0,00001 %
Li.....	0,000002 %
Mg.....	0,00001 %
Mn.....	0,000001 %
Na.....	0,00005 %
Ni.....	0,000002 %
Pb.....	0,000002 %
Sr.....	0,000002 %
Zn.....	0,000005 %

Order code	Package	Units/Box st.
133378.1611	1000 ml	6
133378.1612	2,5 l	4
133378.1214	5 l	4
133378.0716	25 l	

Hydrochloric Acid 10 g/l RE

for determination of the coloration grade in liquids according to Ph. Eur.

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,004kg 1kg-0,996l

Composition:

Hydrochloric Acid 37 % 27,0 g
 Water s.q.m. 1000 ml

Order code	Package	Units/Box st.
175567.1211	1000 ml	6

Hydrochloric Acid 10 g/l VINIKIT

for determination of sulphates in red wine

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,004kg 1kg-0,996l

Composition:

Hydrochloric Acid 37 % 27,0 g
 Water s.q.m. 1000 ml

Order code	Package	Units/Box st.
625567.1209	250 ml	6

Hydrochloric Acid-Water solution 50:50 VINIKIT

for determination of Fe, according to Ferré Michel method

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H335-H315

1l-1,100kg 1kg-0,909l

Composition:

Hydrochloric Acid 35% 50,0 ml
 Water s.q.m. 100 ml

Order code	Package	Units/Box st.
624574.1209	250 ml	6

H

HYDROCHLORIC ACID SOLUTIONS

Hydrochloric Acid 0,01 mol/l (0,01N) SV

Indicator: Methyl Red.

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182884.1211	1000 ml	6
182884.1315	10 l	(*)

Hydrochloric Acid 0,05 mol/l (0,05N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182107.1211	1000 ml	6

Hydrochloric Acid 0,1 mol/l (0,1N) RE

solution for pH scales

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Titer1,000 ±0,005

Order code	Package	Units/Box st.
171023.1209	250 ml	6

Hydrochloric Acid 0,1 mol/l (0,1N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181023.1211	1000 ml	6
181023.1212	2,5 l	4
181023.1214	5 l	4
181023.1315	10 l	(*)

Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303110.1920	1 ampoule	6

Hydrochloric Acid 0,25 mol/l (0,25N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182318.1211	1000 ml	6

Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV

for determination of starch in feed, according to Ewers. Indicator: Methyl Red
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,005kg 1kg-0,995l

SPECIFICATIONS:

Titer1,000±0,005

Order code	Package	Units/Box st.
185423.1211	1000 ml	6
185423.1214	5 l	4

Hydrochloric Acid 0,3571 mol/l (N/2,8) SV

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,005kg 1kg-0,994l

SPECIFICATIONS:

Titer1,000±0,001

183878.1211	1000 ml	6
183878.1315	10 l	(*)

Hydrochloric Acid 0,5 mol/l (0,5N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,007kg 1kg-0,993l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181022.1211	1000 ml	6
181022.1212	2,5 l	4
181022.1315	10 l	(*)

Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303111.1920	1 ampoule	6

Hydrochloric Acid 1 mol/l (1N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,011kg 1kg-0,989l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181021.1211	1000 ml	6
181021.1212	2,5 l	4
181021.1214	5 l	4
181021.1315	10 l	(*)
181021.0716	25 l	

Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc

CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H335

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303112.1920	1 ampoule	6

Hydrochloric Acid 2 mol/l (2N) SV

Indicator: Methyl Red

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,035kg 1kg-0,966l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182108.1211	1000 ml	6
182108.1315	10 l	(*)

Hydrochloric Acid 3 mol/l (3N) SV

for analysis of raw fat
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H335-H315

1l-1,046kg 1kg-0,956l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182057.1211	1000 ml	6
182057.1315	10 l	(*)

Hydrochloric Acid 3,571 mol/l (3,571N) SV

HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H335-H315

1l-1,055kg 1kg-0,948l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
183879.1211	1000 ml	6

Hydrochloric Acid 5 mol/l (5N) SV

Indicator: Methyl Red
HCl

M: 36,46 CAS: 7647-01-0 EINECS: 231-595-7 NC: 2806 10 00 UN: 1789
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H319-H335-H315

1l-1,09kg 1kg-0,92l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182109.1211	1000 ml	6

Hydrofluoric Acid 50% (VLSI) EG

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H330-H310-H300-H314

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay49,5-50,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Chloride (Cl).....	0,0005 %
Phosphate (PO ₄).....	0,0001 %
Nitrate (NO ₃).....	0,0003 %
Sulphate (SO ₄).....	0,0001 %
Sulphite (SO ₃).....	0,0005 %
Fluosilic Acid.....	0,005 %
0,5 µm particles.....	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag.....	10	Co.....	10	Na.....	50
Al.....	20	Cr.....	10	Ni.....	10
As.....	10	Cu.....	10	Pb.....	10
Au.....	20	Fe.....	50	Sb.....	10
B.....	20	Ga.....	10	Sn.....	10
Ba.....	10	K.....	50	Sr.....	20
Be.....	10	Li.....	10	Ti.....	10
Bi.....	10	Mg.....	50	V.....	10
Ca.....	50	Mn.....	10	Zn.....	50
Cd.....	10	Mo.....	10		

Order code	Package	Units/Box st.
876324.1212	2,5 l	4

Hydrofluoric Acid 50% (MOS) EG

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H330-H310-H300-H314

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay49,5-50,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Chloride (Cl).....	0,0005 %
Phosphate (PO ₄).....	0,0001 %
Nitrate (NO ₃).....	0,0003 %
Sulphate (SO ₄).....	0,0001 %
Sulphite (SO ₃).....	0,0005 %
Fluosilic Acid.....	0,01 %
0,5 µm particles*.....	1000 /ml

Metals by ICP [µg/Kg (ppb)]

Ag.....	20	Cr.....	20	Ni.....	10
Al.....	50	Cu.....	10	Pb.....	20
As.....	10	Fe.....	100	Sb.....	10
Au.....	50	Ga.....	20	Sn.....	20
B.....	20	K.....	100	Sr.....	20
Ba.....	50	Li.....	10	Ti.....	50
Bi.....	20	Mg.....	100	V.....	50
Ca.....	200	Mn.....	10	Zn.....	50
Cd.....	20	Mo.....	20		
Co.....	20	Na.....	100		

*Indicative value

Order code	Package	Units/Box st.
866324.1212	2,5 l	4

Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H330-H310-H300-H314

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay (Acidim.).....47-51 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag.....	10	Ge.....	10	Re.....	10
Al.....	20	Hf.....	10	Rh.....	20
As.....	50	Hg.....	50	Ru.....	20
Au.....	20	Ho.....	1	Sb.....	20
B.....	100	In.....	1	Sc.....	10
Ba.....	10	K.....	10	Sm.....	1
Be.....	10	La.....	10	Sn.....	20
Bi.....	10	Li.....	10	Sr.....	10
Ca.....	10	Lu.....	1	Tb.....	1
Cd.....	10	Mg.....	10	Te.....	1
Ce.....	10	Mn.....	10	Th.....	1
Co.....	10	Mo.....	10	Ti.....	20
Cr.....	10	Na.....	10	Tl.....	10
Cs.....	10	Nb.....	10	Tm.....	1
Cu.....	10	Nd.....	1	U.....	1
Dy.....	1	Ni.....	20	V.....	10
Er.....	1	Pb.....	10	W.....	20
Eu.....	1	Pd.....	20	Y.....	1
Fe.....	10	Pr.....	1	Yb.....	1
Ga.....	10	Pt.....	20	Zn.....	10
Gd.....	1	Rb.....	20	Zr.....	10

Analysis Type:

Ag.....	1	Hf.....	1	Ru.....	1
Al.....	10	Hg.....	20	Sb.....	10
As.....	10	Ho.....	0,1	Sc.....	1
Au.....	10	In.....	0,1	Se.....	50
B.....	10	K.....	10	Sm.....	0,1
Ba.....	5	La.....	0,1	Sn.....	10
Be.....	5	Li.....	1	Sr.....	1
Bi.....	0,1	Lu.....	0,1	Ta.....	20
Ca.....	10	Mg.....	5	Tb.....	0,1
Cd.....	0,1	Mn.....	1	Te.....	1
Ce.....	0,1	Mo.....	5	Th.....	0,1
Co.....	1	Na.....	10	Ti.....	10
Cr.....	10	Nb.....	5	Tl.....	0,1
Cs.....	0,5	Nd.....	0,1	Tm.....	0,1
Cu.....	10	Ni.....	10	U.....	0,1
Dy.....	0,1	Pb.....	1	V.....	1
Er.....	0,1	Pd.....	10	W.....	10
Eu.....	0,1	Pr.....	0,1	Y.....	0,5
Fe.....	10	Pt.....	10	Yb.....	0,1
Ga.....	1	Rb.....	1	Zn.....	5
Gd.....	0,1	Re.....	0,1	Zr.....	10
Ge.....	1	Rh.....	1		

Order code	Package	Units/Box st.
711028.0009	250 ml	6
711028.0010	500 ml	6

Hydrofluoric Acid 48% (TMA) HIPERPUR

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H330-H310-H300-H314

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay (Acidim.).....47-51 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
Fluosilicic Acid.....0,0020 %
Chloride (Cl).....0,0004 %
Total sulphur.....0,00001 %
Total phosphorus.....0,000005 %

Metals by ICP (ppb)

Ag.....0,5	Ge.....0,1	Re.....0,1
Al.....0,1	Hf.....0,1	Rh.....0,1
As.....0,5	Hg.....0,1	Ru.....0,1
Au.....0,2	Ho.....0,1	Sb.....0,2
B.....0,1	In.....0,1	Sc.....0,1
Ba.....0,1	K.....0,1	Se.....0,1
Be.....0,1	La.....0,1	Sm.....0,1
Bi.....0,1	Li.....0,1	Sn.....0,5
Ca.....0,1	Lu.....0,1	Sr.....0,1
Cd.....0,1	Mg.....0,1	Tb.....0,1
Ce.....0,1	Mn.....0,1	Te.....0,1
Co.....0,1	Mo.....0,1	Th.....0,1
Cr.....0,1	Na.....0,1	Ti.....0,1
Cs.....0,1	Nb.....0,1	Tl.....0,1
Cu.....0,5	Nd.....0,1	Tm.....0,1
Dy.....0,1	Ni.....0,5	U.....0,1
Er.....0,1	Pb.....0,1	V.....0,1
Eu.....0,1	Pd.....0,2	W.....0,5
Fe.....0,1	Pr.....0,1	Y.....0,1
Ga.....0,1	Pt.....0,2	Yb.....0,1
Gd.....0,1	Rb.....0,1	Zn.....0,1
		Zr.....0,1

Analysis Type:

Ag.....0,1	Hf.....0,1	Ru.....0,1
Al.....0,5	Hg.....0,05	Sb.....0,1
As.....0,1	Ho.....0,1	Sc.....0,1
Au.....0,1	In.....0,1	Se.....0,1
B.....0,5	K.....0,2	Sm.....0,1
Ba.....0,1	La.....0,1	Sn.....0,1
Be.....0,1	Li.....0,1	Sr.....0,1
Bi.....0,1	Lu.....0,1	Ta.....0,5
Ca.....0,5	Mg.....0,2	Tb.....0,1
Cd.....0,1	Mn.....0,1	Te.....0,1
Ce.....0,1	Mo.....0,1	Th.....0,1
Co.....0,1	Na.....0,5	Ti.....0,5
Cr.....0,1	Nb.....0,1	Tl.....0,1
Cs.....0,1	Nd.....0,1	Tm.....0,1
Cu.....0,1	Ni.....0,1	U.....0,1
Dy.....0,1	Pb.....0,1	V.....0,1
Er.....0,1	Pd.....0,2	W.....0,5
Eu.....0,1	Pr.....0,1	Y.....0,1
Fe.....0,5	Pt.....0,2	Yb.....0,1
Ga.....0,1	Rb.....0,1	Zn.....0,1
Gd.....0,1	Re.....0,1	Zr.....0,1
Ge.....0,1	Rh.....0,1	

Order code	Package	Units/Box st.
721028.0010	500 ml	6

Hydrofluoric Acid 48% PA-ACS-ISO

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H330-H310-H300-H314

1l-1,16kg 1kg-0,86l

SPECIFICATIONS:

Assay (Acidim.).....48,0-51,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂).....0,0005 %
Reducing substances to KMnO₄.....p/t.
Fluosilicic acid (F₂H₂Si).....0,01 %
Chloride (Cl).....0,0005 %
Phosphate (PO₄).....0,0001 %
Sulphate and Sulphite (as SO₄).....0,0005 %
Heavy metals (as Pb).....0,00005 %
As.....0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,04	Fe.....0,2	Pb.....0,1
Al.....0,1	Ga.....0,05	Pt.....0,1
Au.....0,1	Ge.....0,02	Sb.....0,02
B.....0,05	Hg.....0,1	Si.....0,1
Ba.....0,2	In.....0,05	Sn.....0,05
Be.....0,04	K.....0,2	Sr.....0,04
Bi.....0,05	Li.....0,04	Ti.....0,05
Ca.....0,5	Mg.....0,2	Tl.....0,02
Cd.....0,02	Mn.....0,1	V.....0,02
Co.....0,04	Mo.....0,02	Zn.....0,1
Cr.....0,04	Na.....0,4	Zr.....0,05
Cu.....0,04	Ni.....0,04	

Order code	Package	Units/Box st.
131028.1211	1000 ml	6
131028.1212	2,5 l	4
131028.1214	5 l	4
131028.0716	25 l	
131028.0718	60 l	

Hydrofluoric Acid 40% PA-ISO

HF
M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H330-H310-H300-H314

1l-1,130kg 1kg-0,885l

SPECIFICATIONS:

Assay (Acidim.).....40-42 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂).....0,0005 %
Reducing substances to KMnO₄.....p/t.
Fluosilicic acid (F₂H₂Si).....0,01 %
Chloride (Cl).....0,0005 %
Phosphate (PO₄).....0,0001 %
Sulphate and sulphite (as SO₄).....0,0005 %
Heavy metals (as Pb).....0,00005 %
As.....0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,04	Fe.....0,2	Pb.....0,1
Al.....0,1	Ga.....0,05	Pt.....0,1
Au.....0,1	Ge.....0,02	Sb.....0,02
B.....0,05	Hg.....0,1	Si.....0,1
Ba.....0,2	In.....0,05	Sn.....0,05
Be.....0,04	K.....0,2	Sr.....0,04
Bi.....0,05	Li.....0,04	Ti.....0,05
Ca.....0,5	Mg.....0,2	Tl.....0,02
Cd.....0,02	Mn.....0,1	V.....0,02
Co.....0,04	Mo.....0,02	Zn.....0,1
Cr.....0,04	Na.....0,4	Zr.....0,05
Cu.....0,04	Ni.....0,04	

Order code	Package	Units/Box st.
133070.1211	1000 ml	6
133070.1212	2,5 l	4
133070.1214	5 l	4

H

Hydrofluoric Acid 40% QP

HF

M: 20,01 CAS: 7664-39-3 EINECS: 231-634-8 NC: 2811 11 00 UN: 1790
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H330-H310-H300-H314

1l-1,130kg 1kg-0,885l

SPECIFICATIONS:

Assay (Acidim.)	40-42 %
Chloride (Cl)	0,005 %
Fe	0,005 %
Pb	0,005 %

Order code Package Units/Box st.

213070.1211	1000 ml	6
213070.1212	2,5 l	4
213070.1214	5 l	4
213070.0718	60 l	1

Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506

Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:

Assay (Perm.), w/w	30,0-32,0 %
Assay (as O ₂ vol.)(Perm.)	110 vol.

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,002 %
Acidity	0,0006 meq/g
Nitrogen compounds (as N)	0,0004 %
Chloride (Cl)	0,0001 %
Phosphate (PO ₄)	0,0002 %
Nitrate (NO ₃)	0,0002 %
Sulphate (SO ₄)	0,0005 %
Ammonium (NH ₄)	0,0005 %
Heavy metals (as Pb)	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	Ni	0,05
Al	0,1	Fe	0,1	Pb	0,1
As	0,5	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,05	Sb	0,02
B	0,5	Hg	0,1	Sr	0,02
Ba	0,1	In	0,05	Ti	0,05
Be	0,02	K	1	Tl	0,02
Bi	0,05	Li	0,02	V	0,02
Ca	0,5	Mg	0,1	Zn	0,1
Cd	0,05	Mn	0,02	Zr	0,05
Co	0,02	Mo	0,02		
Cr	0,02	Na	1		

Order code Package Units/Box st.

131077.1410	500 ml	2
131077.1211	1000 ml	6
131077.1214	5 l	4

Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506

Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:

Assay (Perm.) w/w	29,0-31,0 %
Assay (as O ₂ vol.) (Perm.)	110 vol.
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,05 %
Residual solvents (Ph.Eur./USP)	p/t.
Organic stabilizers	0,05 %
Acidity	p/t.
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,001 %
Heavy metals (as Pb)	0,0001 %
As	0,00005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code Package Units/Box st.

141077.1410	500 ml	2
141077.1211	1000 ml	6
141077.1214	5 l	4
141077.0716	25 l	1

Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506

Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:

Assay (Perm.) w/w	33 %
Assay (as O ₂ vol.)(Perm.)	110 vol.
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %

Order code Package Units/Box st.

211077.1214	5 l	4
211077.0716	25 l	1
211077.0718	60 l	1

Hydrogen Peroxide 30% w/w (VLSI) EG

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506

Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:

Minimum assay w/w	28 %
Resistivity (1/20)	200000 ohm-cm

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,0005 %
Phosphate (PO ₄)	0,0005 %
Nitrate (NO ₃)	0,0002 %
Sulphate (SO ₄)	0,0001 %
Ammonium	0,0001 %
Acidity (as H ₂ SO ₄)	0,002 %
TOC	0,002 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	10	Cu	10	Sn	20
Al	30	Fe	30	Sr	10
As	10	Ga	10	Ta	20
Au	20	K	20	Ti	10
B	20	Li	10	Tl	20
Ba	10	Mg	20	V	10
Be	10	Mn	10	Zn	20
Bi	20	Mo	10	Zr	10
Ca	50	Na	50		
Cd	10	Ni	10		
Co	10	Pb	10		
Cr	10	Sb	10		

Order code Package Units/Box st.

876323.1212	2,5 l	4
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Hydrogen Peroxide 30% w/w (MOS) EG

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506

Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:

Minimum assay w/w	28 %
Density at 20/4	1,11

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,0001 %
Phosphate (PO ₄)	0,0001 %
Nitrate (NO ₃)	0,0005 %
Sulphate (SO ₄)	0,0002 %
0,5 µm particles*	1000 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	20	Co	20	Mo	20
Al	50	Cr	20	Na	100
As	10	Cu	20	Ni	50
Au	50	Fe	50	Pb	20
B	50	Ga	20	Sb	20
Ba	20	In	50	Sn	50
Be	10	K	50	Sr	20
Bi	20	Li	20	Ti	20
Ca	100	Mg	50	V	20
Cd	20	Mn	10	Zn	50

*Indicative value

Order code Package Units/Box st.

866323.1212	2,5 l	4
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Hydrogen Peroxide 30% w/w HIPERPUR-PLUS

H₂O₂
 M.: 34,01 CAS [7722-84-1] NC: 2847 00 00 E.C.: 008-003-00-9
 RTECS: MX 0899000 LD L₀ oral hmn 1429 mg/Kg VLA-ED: 1,4 mg/m³
 UN: 2014 ADR: 5.1/II IMDG: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506 (E)
 Signal Word: Danger



H302-H318

1l-1,11kg 1kg-0,90l

SPECIFICATIONS:
 Minimum assay (Acidim.).....30-32 %

Order code	Package	Units/Box st.
716323.0010	500 ml	6

Hydrogen Peroxide 30% w/v (100 vol.) PA

H₂O₂
 M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
 Signal Word: Danger



H302-H318

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:
 Minimum assay (Perm.) w/v30,0 %
 Assay (as vol. O₂) (Perm.).....100 vol.

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
 Non-volatile matter0,005 %
 Acidity0,0008 meq/g
 Nitrogen compounds (as N)0,001 %
 Chloride (Cl)0,0001 %
 Phosphate (PO₄)0,0005 %
 Sulphate (SO₄)0,0005 %
 Heavy metals (as Pb)0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Cr .....0,02	Mo .....0,02
Al .....0,2	Cu .....0,02	Na .....10
As .....0,5	Fe .....0,1	Ni .....0,05
Au .....0,1	Ga .....0,05	Pb .....0,1
B .....0,5	Ge .....0,05	Pt .....0,1
Ba .....0,1	Hg .....0,1	Sb .....0,02
Be .....0,02	In .....0,05	Sr .....0,02
Bi .....0,05	K .....5	Ti .....0,05
Ca .....0,5	Li .....0,02	Tl .....0,02
Cd .....0,05	Mg .....0,1	V .....0,02
Co .....0,02	Mn .....0,02	Zn .....0,1
		Zr .....0,05

Order code	Package	Units/Box st.
121076.1410	500 ml	2
121076.1211	1000 ml	6
121076.1214	5 l	4
121076.0716	25 l	

Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS

H₂O₂
 M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
 Signal Word: Danger



H302-H318

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:
 Assay (Perm.) w/v30 %
 Assay (as vol. O₂) (Perm.).....100 vol.
 Non-volatile matter0,05 %
 Acidity0,012 meq/g
 Chloride (Cl)0,005 %
 As0,00005 %
 Cu0,001 %
 Fe0,0005 %
 Ni0,001 %
 Pb0,001 %

Order code	Package	Units/Box st.
141076.1410	500 ml	2
141076.1211	1000 ml	6
141076.1214	5 l	4
141076.0716	25 l	

Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO

H₂O₂
 M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2014
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 501 CAO: 506
 Signal Word: Danger



H302-H318

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:
 Assay (Perm.) w/v, not less than30,0 %
 Assay (as vol. O₂) (Perm.).....100 vol.
 Acidity (as H₂SO₄), not more than0,03 %
 Iron, not more than0,5 ppm
 Phosphate (PO₄), not more than0,005 %
 Residue on evaporation, not more than0,006 %
 Tin, not more than10 ppm
 Lead, not more than4 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201076.1214	5 l	4
201076.0716	25 l	

Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT

for determination of Fe, according to Ferré Michel method
 H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00 UN: 2984
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 514 CAO: 515
 Signal Word: Danger



H302-H318

1l-1,009kg 1kg-0,991l

SPECIFICATIONS:
 Assay (Perm.) w/v10 %
 Assay (as vol. O₂) (Perm.).....33 vol.

Order code	Package	Units/Box st.
625513.1205	10 ml	6
625513.1208	100 ml	6

Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX

H₂O₂
 M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00
 Signal Word: Warning



H319

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
 Assay (Perm.) w/v5,0-7,0 %
 Assay (as vol. O₂) (Perm.).....20 vol.
 Identity according to Pharmacopoeiasp/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter0,02 %
 Residual solvents (Ph.Eur./USP).....p/t.
 Organic stabilisers0,025 %
 Acidityp/t.
 Chloride (Cl)0,001 %
 Phosphate (PO₄)0,005 %
 Sulphate (SO₄)0,001 %
 As0,00005 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd).....10 ppm
 Class 1B (Ir, Rh, Ru, Os).....10 ppm
 Class 1C (Mo, Ni, Cr, V).....25 ppm
 Class 2 (Cu, Mn)250 ppm
 Class 3 (Fe, Zn)1300 ppm

Order code	Package	Units/Box st.
142660.1211	1000 ml	6
142660.1214	5 l	4
142660.0716	25 l	

Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT

H₂O₂
 M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00
 1l-1,009kg 1kg-0,991l

SPECIFICATIONS:
 Assay (Perm.) w/v3 %

Order code	Package	Units/Box st.
622772.1209	250 ml	6

Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT

for determination of the sulphurous gas (SO₂), according to Paul

H₂O₂

M: 34,01 CAS: 7722-84-1 EINECS: 231-765-0 NC: 2847 00 00

1l-1,000kg 1kg-1,000l

Composition:

Hydrogen Peroxide 30% w/v 3 ml

Water s.q.m 100 ml

Order code	Package	Units/Box st.
624904.1209	250 ml	6

Hydroquinone (USP) PRS-CODEX

C₆H₄(OH)₂

M: 110,11 CAS: 123-31-9 EINECS: 204-617-8 NC: 2907 22 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H351-H318-H317-H341-H400

SPECIFICATIONS:

Assay (calc. a.d.s.) 99,0-100,5%

Identity according to Pharmacopoeias p/t

Melting range 172-174°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t

Residue on ignition (as SO₂) 0,1 %

Residual solvents (Ph.Eur./USP) p/t

Pyrocatechol 0,05 %

Sulphate (SO₄) 0,05 %

Water (H₂O) 0,5 %

Heavy metals (as Pb) 0,002 %

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd) 10 ppm

Class 1B (Ir, Rh, Ru, Os) 10 ppm

Class 1C (Mo, Ni, Cr, V) 25 ppm

Class 2 (Cu, Mn) 250 ppm

Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141351.1208	100 g	6
141351.1210	500 g	6
141351.0914	5 kg	
141351.0416	25 kg	

Hydroquinone, 99% PS

C₆H₄(OH)₂

M: 110,11 CAS: 123-31-9 EINECS: 204-617-8 NC: 2907 22 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H351-H318-H317-H341-H400

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Melting range 172-174°C

Order code	Package	Units/Box st.
161351.1209	250 g	6
161351.1211	1000 g	6
161351.0914	5 kg	

Hydroquinone mono-Methyl Ether

(see 4-Methoxyphenol)

Hydrotimetric Liquor RE

for determination of hardness of water according to Boutron and Boudet.

Storage over 18°C.

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l-0,920kg 1kg-1,087l

SPECIFICATIONS:

Composition:

Pure olive oil 28,3 ml

Formaldehyde 35-40% 5 ml

Sodium Hydroxide pellets 4,46 g

Ethanol absolute 552,4 ml

Water 452,6 ml

Order code	Package	Units/Box st.
171386.1211	1000 ml	6
171386.1212	2,5 l	4

Hydroxyacetic Acid

(see Glycolic Acid)

4'-Hydroxyacetophenone, 98% PS

C₈H₈O₂

M: 136,15 CAS: 99-93-4 EINECS: 202-802-8 NC: 2914 50 00

SPECIFICATIONS:

Assay 98 %

Identity IR p/t

Order code	Package	Units/Box st.
15A037.1208	100 g	6
15A037.1210	500 g	6

1-Hydroxyadamantane

(see 1-Adamantanol)

2-Hydroxyaniline

(see 2-Aminophenol)

4-Hydroxyaniline

(see 4-Aminophenol)

4-Hydroxyanisole

(see 4-Methoxyphenol)

Hydroxybenzene

(see Phenol)

2-Hydroxybenzoic Acid

(see Salicylic Acid)

4-Hydroxybenzoic Acid, 99% PS

C₈H₆O₃

M: 138,12 CAS: 99-96-7 EINECS: 202-804-9 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %

Identity IR p/t

Melting range 213-215°C

Order code	Package	Units/Box st.
15A669.1209	250 g	6
15A669.1211	1000 g	6

4-Hydroxybenzoic Acid Methyl Ester

(see Methyl 4-Hydroxybenzoate)

1-Hydroxybenzotriazole moistened with ~33% of H₂O PS

C₅H₅N₃O.xH₂O

M: 135,13 CAS: 123333-53-9 EINECS: 219-989-7 NC: 2933 99 90 UN: 3380

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: P CAO: P

Signal Word: Danger



H201

SPECIFICATIONS:

Minimum assay (a.d.s.) 98 %

Order code	Package	Units/Box st.
15A446.1606	25 g	6
15A446.1608	100 g	6

3-Hydroxybenzotrifluoride

(see 3-(Trifluoromethyl) Phenol)

4-Hydroxybenzyl Alcohol, 99% PS

C₇H₈O₂

M: 124,14 CAS: 623-05-2 EINECS: 210-768-0 NC: 2907 29 00

SPECIFICATIONS:

Assay 99 %

Identity IR p/t

Order code	Package	Units/Box st.
15B641.1606	25 g	6
15B641.1608	100 g	6

α-Hydroxybenzyl Phenyl Ketone

(see Benzoin)

2-Hydroxybiphenyl, 98% PS

C₁₂H₁₀O

M: 170,21 CAS: 90-43-7 EINECS: 201-993-5 NC: 2907 19 90

Signal Word: Warning



H319-H335-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Melting range 56-58°C

Order code	Package	Units/Box st.
15A632.1211	1000 g	6

4-Hydroxybutyric Acid Lactone

(see γ -Butyrolactone)

2-Hydroxy-p-Cymene

(see 5-Isopropyl-2-Methylphenol)

2-Hydroxy-5-Chlorothymol

(see 5-Chlorocarvacrol)

2-Hydroxy-3,5-Dinitrobenzoic Acid

(see 3,5-Dinitrosalicylic Acid)

2-Hydroxyethyl Chloride

(see 2-Chloroethanol)

2-(2-Hydroxyethyl) Phenyl Sulphide

(see 2-(Phenylthio) Ethanol)

2-(2-Hydroxyethyl) Pyridine, 98% PS

C₇H₉NO

M: 123,15 CAS: 103-74-2 EINECS: 203-140-2 NC: 2933 39 99

Signal Word: Warning



H319-H335-H315

1l-1,093kg 1kg-0,914l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A118.1608	100 ml	6
15A118.1610	500 ml	6

5-Hydroxy-2-(Hydroxymethyl)-4H-Pyran-4-one

(see Kojic Acid)

2-Hydroxyisobutyric Acid, 99% PS

C₄H₆O₃

M: 104,11 CAS: 594-61-6 EINECS: 209-848-8 NC: 2918 19 85

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Melting range 80-82°C

Order code	Package	Units/Box st.
15B588.1606	25 g	6
15B588.1608	100 g	6

Hydroxylamine

(see Hydroxylammonium compounds)

Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO

(NH₂OH)Cl

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.) 99,5 %

pH of 5% solution 2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %

Insoluble matter in C₂H₅OH 0,005 %

Residue on ignition (as SO₂) 0,01 %

Acidity 0,25 meq/g

Sulphur compounds (as SO₂) 0,002 %

Ammonium (NH₄) 0,05 %

Heavy metals (as Pb) 0,0005 %

As 0,0001 %

Hg 0,000001 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Pb 5
Cd 5	In 5	Sr 5
Co 5	K 50	Tl 5
Cr 5	Mg 5	V 5
Cu 5	Mn 5	Zn 5
Fe 5	Na 50	Zr 5
Ga 5	Ni 5	

Order code	Package	Units/Box st.
471914.1209	250 g	6

Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO

(NH₂OH)Cl

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.) 99,5 %

pH of 5% solution 2,5-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %

Insoluble matter in C₂H₅OH 0,005 %

Residue on ignition (as SO₂) 0,01 %

Acidity 0,25 meq/g

Sulphur compounds (as SO₂) 0,002 %

Ammonium (NH₄) 0,05 %

Heavy metals (as Pb) 0,0005 %

As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Pb 5
Cd 5	In 5	Sr 5
Co 5	K 50	Tl 5
Cr 5	Mg 5	V 5
Cu 5	Mn 5	Zn 5
Fe 5	Na 50	Zr 5
Ga 5	Ni 5	

Order code	Package	Units/Box st.
131914.1209	250 g	6
131914.1211	1000 g	6
131914.1214	5 kg	4

Hydroxylammonium Chloride PRS

(NH₂OH)Cl

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.) 99 %

Insoluble matter in H₂O 0,01 %

Residue on ignition (as SO₂) 0,2 %

Acidity 0,5 meq/g

Sulphate (SO₄) 0,05 %

As 0,0001 %

Cu 0,002 %

Fe 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141914.1209	250 g	6
141914.1211	1000 g	6
141914.1214	5 kg	4

Hydroxylammonium Chloride, 99% PS

(NH₂OH)Cl

M: 69,49 CAS: 5470-11-1 EINECS: 226-798-2 NC: 2825 10 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.) 99 %

Order code	Package	Units/Box st.
151914.1208	100 g	6
151914.1210	500 g	6

H

Hydroxylammonium Sulphate PA

(NH₂OH)₂SO₄

M: 164,15 CAS: 10039-54-0 EINECS: 233-118-8 NC: 2825 10 00 UN: 2865
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Minimum assay (Perm.) 99 %
pH of 2% solution 3,0-4,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Residue on ignition 0,1 %
Acidity (as H₂SO₄) 0,05 %
Chloride (Cl) 0,001 %
Heavy metals (as Pb) 0,001 %
As 0,00005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,001 %
Na 0,002 %
Ni 0,001 %
Pb 0,001 %

Order code Package Units/Box st.

121925.1209	250 g		6
121925.1214	5 kg		4

Hydroxylammonium Sulphate, 99% PS

(NH₂OH)₂SO₄

M: 164,15 CAS: 10039-54-0 EINECS: 233-118-8 NC: 2825 10 00 UN: 2865
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H290-H351-H312-H302-H373-H319-H315-H317-H400

SPECIFICATIONS:

Assay (Perm.) 99 %

Order code Package Units/Box st.

151925.1208	100 g		6
151925.1211	1000 g		6

Hydroxymethanesulphinic Acid Sodium Salt

(see Sodium Formaldehyde Sulphoxylate x-hydrate)

1-Hydroxy-4-Methoxybenzene

(see 4-Methoxyphenol)

(Hydroxymethyl) Cyclopropane

(see Cyclopropylmethanol)

4-Hydroxy-4-Methyl-2-Pentanone PRS

CH₃COCH₂C(CH₃)₂OH

M: 116,16 CAS: 123-42-2 EINECS: 204-626-7 NC: 2914 19 90 UN: 1148
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H319

1l~0,938kg 1kg~1,066l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,935-0,940
Non-volatile matter 0,05 %
Mesityl oxide (G.C.) 0,5 %
Water (H₂O) 0,3 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code Package Units/Box st.

141083.1611	1000 ml		6
141083.1612	2,5 l		4
141083.1214	5 l		4
141083.0716	25 l		

4-Hydroxy-4-Methyl-2-Pentanone, 98% PS

CH₃COCH₂C(CH₃)₂OH

M: 116,16 CAS: 123-42-2 EINECS: 204-626-7 NC: 2914 19 90 UN: 1148
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H319

1l~0,938kg 1kg~1,066l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity IR p/t

Order code Package Units/Box st.

151083.1606	25 ml		6
151083.1610	500 ml		6

1-Hydroxynaphthalene

(see 1-Naphthol)

2-Hydroxynaphthalene

(see 2-Naphthol)

2-Hydroxy-5-Nitrobenzaldehyde

(see 5-Nitrosalicylaldehyde)

2-Hydroxy-1-Nitroso-3,6-Naphthalenedisulphonic Acid Disodium Salt

(see Nitroso R Salt)

4-Hydroxyphenylacetamide, 99% PS

C₈H₉NO₂

M: 151,16 CAS: 17194-82-0 EINECS: 241-235-0 NC: 2924 29 95

SPECIFICATIONS:

Assay 99 %
Identity IR p/t
Melting range 175-176°C

Order code Package Units/Box st.

15B642.1604	5 g		6
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4-Hydroxyphenylacetic Acid, 98% PS

C₈H₈O₃

M: 152,15 CAS: 156-38-7 EINECS: 205-851-3 NC: 2918 19 85

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t
Melting range 150-153°C

Order code Package Units/Box st.

15A670.1206	25 g		6
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DL-α-Hydroxyphenylacetic Acid

(see DL-Mandelic Acid)

N-Hydroxyphthalimide, 98% PS

C₈H₅NO₃

M: 163,13 CAS: 524-38-9 EINECS: 208-358-1 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay (Acidim.) 98 %
Identity IR p/t
Melting range 230-235°C

Order code Package Units/Box st.

15A838.1208	100 g		6
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4-Hydroxypiperidine, 98% PS

C₅H₁₁NO

M: 101,15 CAS: 5382-16-1 EINECS: 226-373-1 NC: 2933 39 99

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A190.1606	25 g		6
15A190.1608	100 g		6

2-Hydroxy-1,2,3-Propanetricarboxylic Acid Potassium Salt

(see tri-Potassium Citrate 1-hydrate)

(S)-2-Hydroxypropanoic Acid

(see L(+)-Lactic Acid)

6-Hydroxypurine

(see Hypoxanthine)

8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS

C₈H₇NO

M: 145,16 CAS: 148-24-3 EINECS: 205-711-1 NC: 2933 49 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Melting range 72,5-74,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH 0,05 %
 Residue on ignition (as SO₂) 0,05 %
 Suitability for Mg determination p/t.
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Water (H₂O) 0,2 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131352.1608	100 g	6
131352.1609	250 g	6

8-Hydroxyquinoline, 99% PS

C₈H₇NO

M: 145,16 CAS: 148-24-3 EINECS: 205-711-1 NC: 2933 49 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 72-74°C

Order code	Package	Units/Box st.
161352.1608	100 g	6
161352.1610	500 g	6

D-Hydroxysuccinic Acid

(see D-Malic Acid)

DL-Hydroxysuccinic Acid

(see DL-Malic Acid)

2-Hydroxytoluene

(see o-Cresol)

4-Hydroxytoluene

(see p-Cresol)

5-Hydroxy-m-Xylene

(see 3,5-Dimethylphenol)

Hypoxanthine, 99% PS

C₅H₄N₂O

M: 136,11 CAS: 68-94-0 EINECS: 200-697-3 NC: 2933 21 00

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B691.1604	5 g	6
15B691.1606	25 g	6

ICP STANDARDS

(see Standards for ICP)

Imidazole (Reag. USP, Ph. Eur.) PA-ACS

C₃H₄N₂

M: 68,08 CAS: 288-32-4 EINECS: 206-019-2 NC: 2933 29 90 UN: 3263

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H361d

SPECIFICATIONS:

Minimum assay 99,0 %
 Identity IR p/t.
 Melting range 88-90°C
 pH of 5% solution 9,5-10,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Residue on ignition (as SO₂) 0,05 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,005 %
 Mg 0,001 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
132536.1208	100 g	6
132536.1210	500 g	6

Imidazole, 99% PS

C₃H₄N₂

M: 68,08 CAS: 288-32-4 EINECS: 206-019-2 NC: 2933 29 90 UN: 3263

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H361d

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 88-90°C
 Water (H₂O) 0,5 %

Order code	Package	Units/Box st.
162536.1209	250 g	6
162536.1211	1000 g	6

2,4-Imidazolidinedione

(see Hydantoin)

Imidazolidinyl Urea, 26-28% (in N) PS

C₁₁H₈N₂O₃

M: 388,3 CAS: 39236-46-9 EINECS: 254-372-6 NC: 2933 29 90

SPECIFICATIONS:

Assay (as N) 26-28 %

Order code	Package	Units/Box st.
15B187.1608	100 g	6
15B187.1610	500 g	6

Iminodibenzyl, 99% PS

C₁₄H₁₃N

M: 195,27 CAS: 494-19-9 EINECS: 207-787-1 NC: 2933 99 30

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t.
 Melting range 105-108°C

Order code	Package	Units/Box st.
15B692.1206	25 g	6

2,2'-Iminodiethanol

(see Diethanolamine)

Immersion Oil DC

for microscopy, inclusion medium

CAS: 8001-79-4 EINECS: 232-293-8 NC: 1515 30 90

1l-0,960kg 1kg-1,042l

SPECIFICATIONS:

Identity IR p/t.
 Density at 20/4 0,955-0,965
 Refractive index n_D²⁰ 1,477-1,481

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.

Order code	Package	Units/Box st.
251002.1207	50 ml	6
251002.1208	100 ml	6

H
I

Immersion Oil purified DC

for microscopy

CAS: 8000-27-9 NC: 3301 30 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Identity IR p/t
Density at 20/4 0,986-0,996
Refractive index n²⁰/D 1,518-1,525

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OC₂H₅ p/t
Insoluble matter in C₂H₅OH p/t

Order code	Package	Units/Box st.
254561.1207	50 ml	6
254561.1208	100 ml	6

Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV

for determination of surfactants. pale pink; pale blue

NC: 3822 00 00 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H371-H332-H312-H302-H319-H315

1l~1,023kg 1kg~0,978l

Composition:

Dimidium Bromide 80 mg
Disulphine Blue 40 mg
Sulphuric Acid 96% 36 ml
Methanol 100 ml
Water s.q.m. 1000 ml

Order code	Package	Units/Box st.
286330.1612	2,5 l	4

Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV

for ammonia titrations. pH 4,4 red violet; 5,8 green

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,828kg 1kg~1,208l

Composition:

Methyl Red 100 mg
Methylene Blue 50 mg
Water 10,4 ml
Ethanol absolute s.q.m. 100 ml

Order code	Package	Units/Box st.
282430.1609	250 ml	6

Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT

for determination of sulphurous gas (SO₂) in wines, according to Paul. pH 4,4 violet; 5,8 green

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,931kg 1kg~1,074l

Composition:

Methyl Red 100 mg
Methylene Blue 50 mg
Ethanol absolute 50 ml
Water s.q.m. 100 ml

Order code	Package	Units/Box st.
624905.1208	100 ml	6

Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV

for ammonia titrations. pH 4,8 pink violet; 5,5 emerald green

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,799kg 1kg~1,252l

Composition:

Methyl Red 41 mg
Bromocresol Green 60 mg
Ethanol absolute s.q.m. 100 ml

Order code	Package	Units/Box st.
283303.1609	250 ml	6

Indicator Solvent RV

for oil and fat acidity

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,76kg 1kg~1,32l

Composition:

Phenolphthalein 15 mg
Ethyl Ether 50 ml
Ethanol 50 ml

Order code	Package	Units/Box st.
281298.1611	1000 ml	6

Indicator Buffer Tablets RV

for the hardness water determination with EDTA

NC: 3822 00 00

Signal Word: Danger



H302-H319-H334-H317

SPECIFICATIONS:

Suitability as hardness indicator p/t
Disintegration time at 25°C 100 s

Order code	Package	Units/Box st.
285406.1208	100 g	6

Indigo Carmine (C.I. 73015) PA

for determination of nitrates

C₁₆H₈N₂O₈S₂Na₂

M: 466,36 CAS: 860-22-0 EINECS: 212-728-8 NC: 3204 12 00

SPECIFICATIONS:

λ of max. ABS in H₂O 606-612 nm
A 1%, 1 cm, λ_{max} >380
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
121246.1605	10 g	6
121246.1607	50 g	6

Indigo Carmine (C.I. 73015) DC

for microscopy, nucleus and glycogen staining

C₁₆H₈N₂O₈S₂Na₂

M: 466,36 CAS: 860-22-0 EINECS: 212-728-8 NC: 3204 12 00

SPECIFICATIONS:

λ of max. ABS in H₂O 606-612 nm
A 1%, 1 cm, λ_{max} >380
Ratio λ_{max}. P± 15 nm 0,98-1,07
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
251246.1605	10 g	6
251246.1607	50 g	6

Indigotine

(see Indigo Carmine)

INDIUM SOLUTIONS

(see Standards for ICP)

Indium(III) Sulphate anhydrous PRS

In₂(SO₄)₃

M: 517,83 CAS: 13464-82-9 EINECS: 236-689-1 NC: 2833 29 90

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
143459.1605	10 g	6

Indole PA

C₈H₇N

M: 117,15 CAS: 120-72-9 EINECS: 204-420-7 NC: 2933 99 20

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t
Melting range 51-53°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t
Residue on ignition (as SO₄) 0,1 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
122065.1605	10 g	6

Indole, 99% PS

C₈H₇N
M: 117,15 **CAS:** 120-72-9 **EINECS:** 204-420-7 **NC:** 2933 99 20
SPECIFICATIONS:
 Assay (G.C.).....99 %
 Identity.....IR p/t.
 Melting range.....50-52°C

Order code	Package	Units/Box st.
162065.1608	100 g	6

1H-Indole-3-Acetic Acid, 98% PS

C₁₂H₉NO₂
M: 175,18 **CAS:** 87-51-4 **EINECS:** 201-748-2 **NC:** 2933 99 90
SPECIFICATIONS:
 Minimum assay98 %

Order code	Package	Units/Box st.
15A262.1606	25 g	6
15A262.1608	100 g	6

1H-Indole-3-Butyric Acid, 99% PS

C₁₂H₁₃NO₂
M: 203,24 **CAS:** 133-32-4 **EINECS:** 205-101-5 **NC:** 2933 99 90 **UN:** 2811
IMDG: 6.1/III **ADR:** 6.1/III **IATA:** 6.1/III **PAX:** 619 **CAO:** 619
Signal Word: Warning

H332-H302

SPECIFICATIONS:
 Assay.....99 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
155494.1604	5 g	6
155494.1606	25 g	6

Infusorial Earth

(see Siliceous Earth purified and calcined)

Ingredients for Microbiology

(see chapter CULTIMED products)

Inositol

(see myo-Inositol)

myo-Inositol, 99% PS

C₆H₁₂O₆
M: 180,16 **CAS:** 87-89-8 **EINECS:** 201-781-2 **NC:** 2906 13 90
SPECIFICATIONS:
 Assay.....99 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15B695.1208	100 g	6
15B695.1210	500 g	6

Iodine resublimed pearls PA-ACS

I₂
M: 253,81 **CAS:** 7553-56-2 **EINECS:** 231-442-4 **NC:** 2801 20 00 **UN:** 1759
IMDG: 8/III **ADR:** 8/III **IATA:** 8/III **PAX:** 822 **CAO:** 823
Signal Word: Warning

H332-H312-H400

SPECIFICATIONS:
 Minimum assay (Iodom.).....99,8 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in KI.....p/t.
 Non-volatile matter.....0,01 %
 Chlorine and Bromine (as Cl).....0,005 %
 Chloride and Bromide (as Cl).....0,005 %
 Ca.....0,001 %
 Cd.....0,0005 %
 Co.....0,0005 %
 Cr.....0,0005 %
 Cu.....0,0005 %
 Fe.....0,005 %
 K.....0,005 %
 Mg.....0,0005 %
 Mn.....0,0005 %
 Na.....0,005 %
 Ni.....0,0005 %
 Pb.....0,0005 %
 Zn.....0,0005 %

Order code	Package	Units/Box st.
131771.1608	100 g	6
131771.1609	250 g	6
131771.1610	500 g	6
131771.1611	1000 g	6
131771.1614	5 kg	6
131771.0416	25 kg	

Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX

I₂
M: 253,81 **CAS:** 7553-56-2 **EINECS:** 231-442-4 **NC:** 2801 20 00 **UN:** 1759
IMDG: 8/III **ADR:** 8/III **IATA:** 8/III **PAX:** 822 **CAO:** 823
Signal Word: Warning

H332-H312-H400

SPECIFICATIONS:
 Assay (Iodom.).....99,8-100,5 %
 Identity according to Pharmacopoeiasp/t.

MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter.....0,05 %
 Residual solvents (Ph.Eur./USP).....p/t
 Chloride and Bromide (as Cl).....0,025 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd).....10 ppm
 Class 1B (Ir, Rh, Ru, Os).....10 ppm
 Class 1C (Mo, Ni, Cr, V).....25 ppm
 Class 2 (Cu, Mn).....250 ppm
 Class 3 (Fe, Zn).....1300 ppm

Order code	Package	Units/Box st.
141771.1608	100 g	6
141771.1609	250 g	6
141771.1611	1000 g	6
141771.1614	5 kg	4
141771.0416	25 kg	

Iodine crude QP

I₂
M: 253,81 **CAS:** 7553-56-2 **EINECS:** 231-442-4 **NC:** 2801 20 00 **UN:** 1759
IMDG: 8/III **ADR:** 8/III **IATA:** 8/III **PAX:** 822 **CAO:** 823
Signal Word: Warning

H332-H312-H400

SPECIFICATIONS:
 Assay (Iodom.).....99 %
 Non-volatile matter.....0,05 %
 Chloride and Bromide (as Cl).....0,05 %

Order code	Package	Units/Box st.
213168.1608	100 g	6
213168.1609	250 g	6
213168.1611	1000 g	6
213168.1614	5 kg	6
213168.0416	25 kg	

IODINE SOLUTIONS

Iodine solution ~7% in ethanol 85% (USP) CODEX

I₂
M: 253,81 **NC:** 3822 00 00 **UN:** 1993
IMDG: 3/III **ADR:** 3/III **IATA:** 3/III **PAX:** 309 **CAO:** 310
Signal Word: Danger

H225-H411

1l-0,924kg 1kg-1,082l
SPECIFICATIONS:
 Iodine (w/v).....6,8-7,5 %
 Potassium iodide (w/v).....4,7-5,5 %
 Identity according to Pharmacopoeiasp/t.
 Ethanol.....82,5-88,5 %
 Residual solvents (Ph.Eur./USP).....p/t.

Order code	Package	Units/Box st.
191931.1610	500 ml	6
191931.1611	1000 ml	6

Iodine solution ~2% in ethanol 50% (USP) CODEX

I₂
M: 253,81 **NC:** 3822 00 00 **UN:** 1993
IMDG: 3/III **ADR:** 3/III **IATA:** 3/III **PAX:** 309 **CAO:** 310
Signal Word: Danger

H225-H412

1l-0,948kg 1kg-1,055l
SPECIFICATIONS:
 Iodine (w/v).....1,8-2,2 %
 Sodium iodide (w/v).....2,1-2,6 %
 Identity according to Pharmacopoeiasp/t.
 Ethanol.....44,0-50,0 %
 Residual solvents (USP).....p/t.

Order code	Package	Units/Box st.
191932.1610	500 ml	6
191932.1611	1000 ml	6

Iodine 0,01 mol/l (0,02N) SV

Indicator: Starch

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00

CE: 053-001-00-3

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181969.1611	1000 ml	6

Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00

CE: 053-001-00-3

1l~1,040kg 1kg~0,962l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182915.1616	25 l	

Iodine 0,025 mol/l (0,05N) SV

Indicator: Starch

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00

CE: 053-001-00-3

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182161.1611	1000 ml	6

Iodine 0,05 mol/l (0,1N) SV

Indicator: Starch

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00

CE: 053-001-00-3

1l~1,026kg 1kg~0,975l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181772.1611	1000 ml	6
181772.1612	2,5 l	4

Iodine 0,05 mol (12,690g I₂) to prepare 1l of 0,1N solution SVc

CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303119.1920	1 ampoule	6

Iodine 0,5 mol/l (1N) SV

Indicator: Starch

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l~1,284kg 1kg~0,779l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182162.1611	1000 ml	6

Iodine 0,01 mol/l (0,02N) VINIKIT

for determination of free and total sulfur dioxide in wine and must. Indicator:

Starch

I₂

M: 253,81 CAS: 7553-56-2 EINECS: 231-442-4 NC: 2801 20 00

H412

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
621969.1609	250 ml	6
621969.1610	500 ml	6
621969.1611	1000 ml	6

Iodine mono-Bromide PRS

IBr

M: 206,84 CAS: 7789-33-5 EINECS: 232-159-9 NC: 2812 90 00 UN: 1759

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314-H335

SPECIFICATIONS:

Assay (Iodom.)98 %

Insoluble matter in CH₃COOH0,01 %

Residue on ignition0,1 %

Order code	Package	Units/Box st.
141770.2208	100 g	6
141770.2209	250 g	6

Iodine mono-Bromide, 98% PS

IBr

M: 206,84 CAS: 7789-33-5 EINECS: 232-159-9 NC: 2812 90 00 UN: 1759

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314-H335

SPECIFICATIONS:

Assay (Iodom.)98 %

Order code	Package	Units/Box st.
151770.2207	50 g	6
151770.2211	1000 g	6

Iodine mono-Chloride, 98% PS

ICI

M: 162,36 CAS: 7790-99-0 EINECS: 232-236-7 NC: 2812 90 00 UN: 1792

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 817

Signal Word: Danger



H314-H335

1l~3,20kg 1kg~0,31l

SPECIFICATIONS:

Assay (Iodom.)98 %

Order code	Package	Units/Box st.
15A884.2208	100 g	6
15A884.2209	250 g	6

Iodine Monochloride

(see Iodine mono-Chloride)

Iodine's Dyeing

(see Iodine, solution in ethanol)

2-Iodoaniline, 98% PS

C₆H₄I-N

M: 219,03 CAS: 615-43-0 EINECS: 210-426-0 NC: 2921 42 10

SPECIFICATIONS:

Assay98 %

IdentityIR p/t.

Order code	Package	Units/Box st.
15B229.1604	5 g	6
15B229.1606	25 g	6

4-Iodoaniline, 98% PS

C₆H₄I-N

M: 219,02 CAS: 540-37-4 EINECS: 208-743-4 NC: 2921 42 10 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay98 %

IdentityIR p/t.

Order code	Package	Units/Box st.
15B231.1606	25 g	6
15B231.1608	100 g	6

1-Iodobutane, 98% stabilized with copper PS

C₄H₉I

M: 184,02 CAS: 542-69-8 EINECS: 208-824-4 NC: 2903 39 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~1,617kg 1kg~0,618l

SPECIFICATIONS:

Assay98 %

IdentityIR p/t.

Order code	Package	Units/Box st.
15B247.1608	100 ml	6

2-Iodobutane, 98% stabilized with copper PS

C₄H₉I
 M: 184,02 CAS: 513-48-4 EINECS: 208-163-1 NC: 2903 39 90 UN: 2390
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-1,592kg 1kg-0,628l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B248.1608	100 ml	6
15B248.1610	500 ml	6

Iodoethane, 98% stabilized with copper PS

C₂H₅I
 M: 155,97 CAS: 75-03-6 EINECS: 200-833-1 NC: 2903 39 90 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226

1l-1,925kg 1kg-0,519l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,923-1,927
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A885.1608	100 ml	6
15A885.1609	250 ml	6

Iodoform PRS

I₂CH
 M: 393,73 CAS: 75-47-8 EINECS: 200-874-5 NC: 2903 39 90
 Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay (Arg.) 99 %
 Identity IR p/t.
 Insoluble matter in CH₂COCH₃ 0,05 %
 Residue on ignition (as SO₂) 0,1 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141909.1608	100 g	6
141909.1609	250 g	6
141909.1611	1000 g	6
141909.1614	5 kg	6

Iodomethane, 99% stabilized with copper PS

CH₃I
 M: 141,94 CAS: 74-88-4 EINECS: 200-819-5 NC: 2903 39 90 UN: 2644
 IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/- PAX: P CAO: P
 Signal Word: Danger



H312-H331-H301-H335-H315-H351

1l-2,278kg 1kg-0,439l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 2,270-2,285
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A886.1609	250 g	6
15A886.1611	1000 g	6

1-Iodopropane, 98% stabilized with copper PS

C₃H₇I
 M: 169,99 CAS: 107-08-4 EINECS: 203-460-2 NC: 2903 39 90 UN: 2392
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226

1l-1,743kg 1kg-0,574l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B249.1607	50 ml	6
15B249.1609	250 ml	6

N-Iodosuccinimide, 98% PS

C₄H₄INO₂
 M: 224,99 CAS: 516-12-1 EINECS: 208-221-6 NC: 2925 19 95

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B198.1604	5 g	6
15B198.1606	25 g	6

Iodotrimethylsilane, 98% PS

C₃H₉SiI
 M: 200,10 CAS: 16029-98-4 EINECS: 240-171-0 NC: 2931 00 95 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH014-H314

1l-1,470kg 1kg-0,680l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B445.1606	25 ml	6
15B445.1608	100 ml	6

Ion Exchange Resin Strongly Acidic RE

CAS: 69011-20-7 NC: 3914 00 00

Signal Word: Warning



H319

SPECIFICATIONS:

Total exchange capacity, min 1,8 meq/ml
 Water 50-56 %

Order code	Package	Units/Box st.
175106.1611	1000 g	6

IONIC CHROMATOGRAPHY STANDARDS

(see Standards for Ionic Chromatography)

Ionol

(see 2,6-Di-tert-Butyl-4-Methylphenol)

IPy₂BF₄

(see Bis (Pyridine) Iodonium Tetrafluoroborate)

IRIDIUM SOLUTIONS

(see Standards for ICP)

Iron metal reduced by hydrogen PRS

Fe
 M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00

SPECIFICATIONS:

Assay (Perm.) 98 %
 Insoluble matter in H₂SO₄ 0,5 %

Order code	Package	Units/Box st.
141901.1210	500 g	6
141901.1211	1000 g	6
141901.1214	5 kg	6

Iron metal, fine granulated QP

Fe
 M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00

SPECIFICATIONS:

Assay (Iodom.) 99 %

Order code	Package	Units/Box st.
211934.1209	250 g	6
211934.1211	1000 g	6
211934.1214	5 kg	6
211934.0416	25 kg	6

Iron metal, thick granulated QP

Fe
 M: 55,85 CAS: 7439-89-6 EINECS: 231-096-4 NC: 7205 29 00

SPECIFICATIONS:

Assay (Iodom.) 97 %

Order code	Package	Units/Box st.
211935.1209	250 g	6
211935.1211	1000 g	6

IRON SOLUTIONS

(see also Standards for Atomic Absorption and ICP)

Iron standard solution Fe=0,100±0,002 g/l VINIKIT

[Fe(NO₃)₃·9H₂O in HNO₃ 0,5N] for determination of Fe
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H315

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Concentration (in g/l)0,100±0,002

Order code	Package	Units/Box st.
624906.1208	100 ml	6

Iron standard solution Fe=0,125±0,005 g/l VINIKIT

[Fe(NO₃)₃·9H₂O in HNO₃ 0,5N] for determination of Fe, according to Ferré Michel method
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H315

1l~1,015kg 1kg~0,985l

SPECIFICATIONS:

Order code	Package	Units/Box st.
625515.1205	10 ml	6

Iron standard solution Fe=0,200±0,002 g/l VINIKIT

[Fe(NO₃)₃·9H₂O in HNO₃ 0,5N] for determination of Fe, according to Ferré Michel method
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H315

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Element (Iodom.) (as g/l)0,200±0,002

Order code	Package	Units/Box st.
624617.1209	250 ml	6

Iron Alum

(see Ammonium Iron(III) Sulphate 12-hydrate)

Iron(III) and Ammonium Citrate

(see Ammonium Iron(III) Citrate)

Iron(III) and Ammonium Oxalate

(see Ammonium Iron(III) Oxalate 3-hydrate)

Iron(III) and Ammonium Sulphate

(see Ammonium Iron(III) Sulphate 12-hydrate)

Iron(II) and Ammonium Sulphate

(see Ammonium Iron(II) Sulphate 6-hydrate)

Iron Bis (Cyclopentadienyl)

(see Ferrocene)

Iron(II) Chloride 4-hydrate PRS

Cl₂Fe·4H₂O
 M: 198,81 CAS: 13478-10-9 EINECS: 231-843-4 NC: 2827 39 20
 Signal Word: Danger



H302-H315-H318

SPECIFICATIONS:

Minimum assay (Perm.) a.a.s. 63 %

Order code	Package	Units/Box st.
141868.1209	250 g	6
141868.1211	1000 g	6

Iron(III) Chloride anhydrous, 97% PS

FeCl₃
 M: 162,21 CAS: 7705-08-0 EINECS: 231-729-4 NC: 2827 39 20 UN: 1773
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
 Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Yodom.) 97 %

Order code	Package	Units/Box st.
15A813.1609	250 g	6
15A813.1611	1000 g	6

Iron(III) Chloride 6-hydrate PRS

FeCl₃·6H₂O
 M: 270,30 CAS: 10025-77-1 EINECS: 231-729-4 NC: 2827 39 20
 Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Iodom.)	97-102 %
Insoluble matter in HCl	0,2 %
P compounds (as PO ₄)	0,05 %
Sulphate (SO ₄)	0,1 %
As	0,005 %
Ca	0,05 %
Cu	0,01 %
Fe(II)	0,05 %
K	0,05 %
Mg	0,05 %
Mn	0,1 %
Na	0,1 %
Pb	0,01 %
Zn	0,05 %

Order code	Package	Units/Box st.
141358.1210	500 g	6
141358.1211	1000 g	6
141358.1214	5 kg	4
141358.0416	25 kg	

Iron(III) Chloride 30% aqueous solution QP

30% w/w FeCl₃-50% w/w FeCl₃·6H₂O
 CAS: 7705-08-0 EINECS: 231-729-4 NC: 2827 39 20 UN: 2582
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H302-H319-H315

1l~1,306kg 1kg~0,766l

SPECIFICATIONS:

Assay (as FeCl ₃ (Iodom.) w/w	30 %
Assay (as FeCl ₃ ·6H ₂ O)(Iodom.) w/w	50 %

Order code	Package	Units/Box st.
211359.1211	1000 ml	6
211359.1214	5 l	4
211359.0716	25 l	
211359.0718	60 l	

Iron Dicyclopentadienyl

(see Ferrocene)

Iron(II) Ethylenediammonium Sulphate 4-hydrate PA

C₂H₁₀N₂O₈·S·FeO₂·4H₂O
 M: 382,15 CAS: 34962-29-3 EINECS: 264-357-6 NC: 2921 29 00

SPECIFICATIONS:

Minimum assay (Perm.)	99,0 %
Identity	IR p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ SO ₄	0,01 %
Phosphate (PO ₄)	0,002 %
Cu	0,001 %
K	0,01 %
Mg	0,005 %
Mn	0,02 %
Na	0,01 %
Pb	0,001 %
Zn	0,003 %

Order code	Package	Units/Box st.
123582.1208	100 g	6

Iron(III) Nitrate 9-hydrate PRS

Fe(NO₃)₃·9H₂O
 M: 404,00 CAS: 7782-61-8 EINECS: 233-899-5 NC: 2834 29 80 UN: 1466
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in H ₂ O	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,02 %
Ca	0,02 %
Cu	0,005 %
Fe(II)	0,01 %
Mg	0,02 %
Pb	0,005 %
Zn	0,01 %

Order code	Package	Units/Box st.
141297.1210	500 g	6
141297.1211	1000 g	6
141297.1214	5 kg	4
141297.0416	25 kg	

Iron(II) Oxalate 2-hydrate PA

Fe(COO)₂·2H₂O

M: 179,90 CAS: 6047-25-2 EINECS: 208-217-4 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.) a.d.s. 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,05 %
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,05 %
 Cu 0,005 %
 Mn 0,05 %
 Ni 0,05 %
 Pb 0,01 %

Order code	Package	Units/Box st.
121357.1210	500 g	6

Iron(II) Oxalate 2-hydrate PRS

Fe(COO)₂·2H₂O

M: 179,90 CAS: 6047-25-2 EINECS: 208-217-4 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 98 %
 Insoluble matter in HCl 0,1 %
 Chloride (Cl) 0,025 %
 Sulphate (SO₄) 0,1 %

Order code	Package	Units/Box st.
141357.1210	500 g	6
141357.0914	5 kg	

Iron(III) Oxide QP

Fe₂O₃

M: 159,69 CAS: 1309-37-1 EINECS: 215-168-2 NC: 2821 10 00

SPECIFICATIONS:

Assay (Iodom.) 96 %
 Loss on ignition 0,5 %
 Soluble matter in H₂O 1 %
 Phosphate (PO₄) 0,3 %
 Sulphate (SO₄) 0,5 %
 Mn 0,25 %

Order code	Package	Units/Box st.
212375.1210	500 g	6
212375.1211	1000 g	6
212375.0914	5 kg	
212375.0416	25 kg	

Iron Perchlorate

(see Iron(III) Chloride)

Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO

FePO₄·xH₂O

M: 150,82(anh) CAS: 10045-86-0 EINECS: 233-149-7 NC: 2835 29 90

SPECIFICATIONS:

Assay (as Fe) 26,0-32,0 %
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 0,005 %
 Lead, not more than 4 ppm
 Loss on Ignition, not more than 32,5 %
 Mercury, not more than 3 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202515.0914	5 kg	

Iron(II) Sulphate ~1-hydrate QP

FeSO₄·~1H₂O

M: 151,91(anh) CAS: 17375-41-6 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (as FeSO₄) (Perm.) 82 %

Order code	Package	Units/Box st.
215295.1214	5 kg	4

Iron(II) Sulphate ~2-hydrate PA

FeSO₄·2H₂O

M: 151,91(anh) CAS: 10028-21-4 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (as FeSO₄) (Perm.) 80,0 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl) 0,02 %
 As 0,0003 %
 Ca 0,005 %
 Cu 0,005 %
 K 0,002 %
 Mg 0,005 %
 Mn 0,1 %
 Na 0,02 %
 Pb 0,002 %
 Zn 0,005 %

Order code	Package	Units/Box st.
121793.1210	500 g	6
121793.1211	1000 g	6
121793.1214	5 kg	4
121793.0416	25 kg	

Iron(II) Sulphate 7-hydrate PA-ACS

FeSO₄·7H₂O

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Perm.) 99,0 %
 pH of 5% solution 3-4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,001 %
 Phosphate (PO₄) 0,0005 %
 As 0,00004 %
 Fe(III) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Be 10	Mg 20
Bi 10	Mn 300
Ca 50	Mo 10
Cd 50	Na 20
Co 20	Ni 50
Cr 80	Pb 5
Cu 10	Sr 10
Hg 10	Ti 10
K 20	Zn 20

Order code	Package	Units/Box st.
131362.1210	500 g	6
131362.1211	1000 g	6
131362.1214	5 kg	4
131362.0416	25 kg	

Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

FeSO₄·7H₂O

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Cerim.) 99,5-104,5 %
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 3,0-4,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O 0,01 %
 Residual solvents (Ph.Eur./USP) p/t
 Chloride (Cl) 0,02 %
 Phosphate (PO₄) 0,003 %
 Heavy metals (as Pb) 0,005 %
 As 0,0003 %
 Cr 0,005 %
 Cu 0,005 %
 Fe (III) 0,3 %
 Hg 0,0003 %
 Mg 0,025 %
 Mn 0,1 %
 Ni 0,005 %
 Pb 0,001 %
 Zn 0,005 %

Order code	Package	Units/Box st.
141362.1210	500 g	6
141362.1211	1000 g	6
141362.1214	5 kg	4
141362.0416	25 kg	

Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO

FeSO₄·7H₂O

M: 278,02 CAS: 7782-63-0 EINECS: 231-753-5 NC: 2833 29 50

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (FeSO₄·7H₂O).....99,5-104,5%
 Appearance.....p/t
 Identity:
 Sulphate.....p/t
 Iron (ferrous salt).....p/t
 Lead, not more than.....2 ppm
 Mercury, not more than.....1 ppm
 Specifications F.C.C. 6
 "For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201362.1214	5 kg	4
201362.0416	25 kg	

Iron(III) Sulphate x-hydrate ~75% PA

Fe₂(SO₄)_x·xH₂O

M: 399,87(anh) CAS: 10028-22-5 EINECS: 233-072-9 NC: 2833 29 50

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂SO₄.....0,025 %
 Chloride (Cl).....0,01 %
 Nitrate (NO₃).....0,02 %
 Cu.....0,005 %
 Fe(II).....0,1 %
 K.....0,01 %
 Na.....0,05 %

Order code	Package	Units/Box st.
121360.1210	500 g	6
121360.1211	1000 g	6
121360.1214	5 kg	4
121360.0416	25 kg	

Iron(III) Sulphate x-hydrate ~75% PRS

Fe₂(SO₄)_x·xH₂O

M: 399,87(anh) CAS: 10028-22-5 EINECS: 233-072-9 NC: 2833 29 50

SPECIFICATIONS:

Chloride (Cl).....0,03 %
 Nitrate (NO₃).....0,05 %
 Cu.....0,01 %
 Fe(II).....0,1 %

Order code	Package	Units/Box st.
141360.1210	500 g	6
141360.1211	1000 g	6
141360.1214	5 kg	4
141360.0416	25 kg	

Iron(II) Sulphide cylinders PRS

for producing Hydrogen Sulphide

FeS

M: 87,91 CAS: 1317-37-9 EINECS: 215-268-6 NC: 2830 90 11

SPECIFICATIONS:

Sulphide (as S).....29 %

Order code	Package	Units/Box st.
141363.1209	250 g	6
141363.1211	1000 g	6
141363.1214	5 kg	6
141363.0416	25 kg	

Iron Sulphide natural powder PRS

FeS₂

M: 119,97 CAS: 12068-85-8 EINECS: 215-268-6 NC: 2830 90 11

SPECIFICATIONS:

Assay (as Fe).....44,5 %

Order code	Package	Units/Box st.
146226.1209	250 g	6
146226.1211	1000 g	6
146226.1214	5 kg	6
146226.0416	25 kg	

Isatin (Reag. Ph. Eur.) PA

mercaptan reagent, thiophens and Copper(I) ions

C₈H₇NHCOCO

M: 147,14 CAS: 91-56-5 EINECS: 202-077-8 NC: 2933 79 00

SPECIFICATIONS:

Assay.....98 %
 Identity.....IR p/t
 Melting range.....201-204°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃OH.....0,05 %
 Residue on ignition (as SO₄).....0,1 %

Order code	Package	Units/Box st.
121371.1609	250 g	6

Isatin, 98% PS

C₈H₇NHCOCO

M: 147,14 CAS: 91-56-5 EINECS: 202-077-8 NC: 2933 79 00

SPECIFICATIONS:

Assay.....98 %
 Identity.....IR p/t
 Melting range.....201-204°C

Order code	Package	Units/Box st.
151371.1608	100 g	6
151371.1610	500 g	6

Isoamyl Acetate PA

CH₃COOC₅H₁₁

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.).....99,0 %
 Identity.....IR p/t
 Density at 20/4.....0,870-0,873

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter.....0,005 %
 Di-Isoamyl Ether (G.C.).....0,2 %
 3-Methyl-1-Butanol (G.C.).....0,3 %
 1-Pentyl Acetate (G.C.).....0,5 %
 Acidity (as CH₃COOH).....0,01 %
 Water (H₂O).....0,1 %
 Ca.....0,00005 %
 Cd.....0,00005 %
 Co.....0,00002 %
 Cr.....0,00002 %
 Cu.....0,00002 %
 Fe.....0,00001 %
 Mg.....0,00001 %
 Mn.....0,00002 %
 Ni.....0,00002 %
 Pb.....0,00001 %
 Zn.....0,00001 %

Order code	Package	Units/Box st.
121372.1611	1000 ml	6

Isoamyl Acetate PRS

CH₃COOC₅H₁₁

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.).....98 %
 Identity.....IR p/t
 Density at 20/4.....0,870-0,873
 Non-volatile matter.....0,01 %
 3-Methyl-1-Butanol (G.C.).....1 %
 Acidity (as CH₃COOH).....0,1 %
 Water (H₂O).....0,3 %
 Cu.....0,00002 %
 Fe.....0,00005 %
 Ni.....0,00002 %
 Pb.....0,00002 %

Order code	Package	Units/Box st.
141372.1611	1000 ml	6
141372.1612	2,5 l	4
141372.1214	5 l	4
141372.0716	25 l	

Isoamyl Acetate, 98% PS

CH₃COOC₅H₁₁

M: 130,19 CAS: 123-92-2 EINECS: 204-662-3 NC: 2915 39 30 UN: 1104

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l-0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.).....98 %
 Identity.....IR p/t

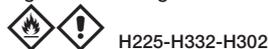
Order code	Package	Units/Box st.
151372.1608	100 ml	6
151372.1610	500 ml	6

Isoamyl Alcohol

(see 3-Methyl-1-Butanol)

Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS

NO₂C₅H₁₁
 M: 117,15 CAS: 110-46-3 EINECS: 203-770-8 NC: 2920 90 85 UN: 1113
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H332-H302

1l-0,875kg 1kg-1,143l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %
 Identity IR p/t
 Density at 20/4 0,870-0,880

Order code	Package	Units/Box st.
15A816.2210	500 ml	6

1,3-Isobenzofurandione

(see Phthalic Anhydride)

1-Isobenzofuranone

(see Phthalide)

Isobutanol (UV-IR-HPLC) PAI

(CH₃)₂CHCH₂OH
 M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H335-H315-H318-H336

1l-0,802kg 1kg-1,247l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Density at 20/4 0,801-0,802

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,001 %
 Acidity 0,0005 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,1 %
 Suitability for IR spectrometry p/t
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	230	250	270-400
A (AU)	1,000	0,824	0,187	0,027	0,009
T (%)	10	15	65	94	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:
 Rohrschneider Polarity 3,9
 Eluotropic value ε°(Al₂O₃) 0,7
 P⁺ + 0,25 E 8,3
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361089.1611	1000 ml	6

Isobutanol (Reag. Ph. Eur.) PA-ACS

(CH₃)₂CHCH₂OH
 M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H335-H315-H318-H336

SPECIFICATIONS:

1l-0,802kg 1kg-1,247l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Density at 20/4 0,801-0,802
 Refractive index n²⁰/D 1,397-1,399
 Distillation range (>96% dist.) 107-109°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Insoluble matter in H₂O p/t
 Non-volatile matter 0,001 %
 Butanal (G.C.) 0,01 %
 Isobutanol (G.C.) 0,05 %
 Butanone (G.C.) 0,02 %
 Darkened substances by H₂SO₄ p/t
 Acidity 0,0005 meq/g
 Alkalinity 0,0005 meq/g
 Peroxides (as H₂O₂) 0,001 %
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,5
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

131089.1611	1000 ml	6
131089.1612	2,5 l	4
131089.1214	5 l	4
131089.0716	25 l	

Isobutanol PRS

(CH₃)₂CHCH₂OH
 M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H335-H315-H318-H336

1l-0,802kg 1kg-1,247l

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 0,801-0,802
 Non-volatile matter 0,01 %
 Isobutanol (G.C.) 0,05 %
 Acidity 0,002 meq/g
 Water (H₂O) 0,5 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code Package Units/Box st.

141089.1211	1000 ml	6
141089.1212	2,5 l	4
141089.1214	5 l	4
141089.0716	25 l	
141089.0718	60 l	

Isobutanol (F.C.C.) ADITIO

(CH₃)₂CHCH₂OH
 M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H335-H315-H318-H336

1l-0,802kg 1kg-1,247l

SPECIFICATIONS:

Assay (G.C.), not less than 98,0 %
 IR p/t
 Specific gravity 0,799-0,801
 Acidity value, not more than 2,0
 Refractive index 1,392-1,397
 Specifications F.C.C. 6

Order code Package Units/Box st.

201089.1214	5 l	4
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Isobutanol, 99% PS

(CH₃)₂CHCH₂OH

M: 74,12 CAS: 78-83-1 EINECS: 201-148-0 NC: 2905 14 90 UN: 1212

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H335-H315-H318-H336

1l-0,802kg 1kg~1,247l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	0,801-0,802
Non-volatile matter	0,001 %
Water (H ₂ O)	0,1 %

Order code	Package	Units/Box st.
161089.1211	1000 ml	6
161089.1212	2,5 l	4
161089.1714	5 l	4
161089.0616	25 l	

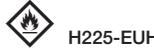
Isobutyl Acetate (Reag. USP) PA

CH₃COOC₄H₉

M: 116,16 CAS: 110-19-0 EINECS: 203-745-1 NC: 2915 39 80 UN: 1213

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH066

1l-0,873kg 1kg~1,145l

SPECIFICATIONS:

Minimum assay (G.C.)	99,0 %
Identity	IR p/t
Density at 20/20	0,863-0,868
Refractive index n _D ²⁰	1,3900-1,3920

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,001 %
Isobutanol (G.C.)	0,3 %
Butanal (G.C.)	0,03 %
Isobutanol (G.C.)	0,05 %
n-Butyl Acetate (G.C.)	0,3 %
Acidity (as CH ₃ COOH)	0,005 %
Carbonyl compounds (as C ₄ H ₇ CHO)	0,1 %
Water (H ₂ O)	0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
121373.1611	1000 ml	6
121373.1214	5 l	4

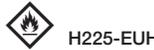
Isobutyl Acetate, 99% PS

CH₃COOC₄H₉

M: 116,16 CAS: 110-19-0 EINECS: 203-745-1 NC: 2915 39 80 UN: 1213

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH066

1l-0,873kg 1kg~1,145l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	0,870-0,875
Water (H ₂ O)	0,1 %

Order code	Package	Units/Box st.
161373.1611	1000 ml	6
161373.1214	5 l	4

Isobutyl Alcohol

(see Isobutanol)

Isobutyl Bromide

(see 1-Bromo-2-Methylpropane)

Isobutylmethylketone

(see 4-Methyl-2-Pentanone)

Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS

C₄H₉NO₂

M: 103,12 CAS: 542-56-3 EINECS: 208-819-7 NC: 2920 90 85 UN: 2351

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H350-H341

1l-0,869kg 1kg~1,151l

SPECIFICATIONS:

Minimum assay (G.C.)	95 %
Identity	IR p/t
Density at 20/4	0,867-0,871

Order code	Package	Units/Box st.
15A817.1608	100 ml	6
15A817.0816	25 l	

Isodulcit

(see L(+)-Rhamnose 1-hydrate)

Isohexane (UV-IR-HPLC) PAI

C₆H₁₄

M: 86,18 CAS: 64742-49-0 EINECS: 265-151-9 NC: 2901 10 00 UN: 1208

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H304

1l-0,651kg 1kg~1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers)	98 %
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MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H ₂ O)	0,005 %
Suitability for IR spectrometry	p/t
UV Spectrum (1 cm cell. Ref.: water)	

λ (nm)	195 (Cut off)	210	220	245-400
A (AU)	1,000	0,222	0,097	0,009
T (%)	10	60	80	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity	0,1
Eluotropic value ε ^o (Al ₂ O ₃)	0,01
Sol. H ₂ O in solv. at 20°C	0,01
P' + 0,25 E	0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
365261.1611	1000 ml	6

Isohexane PA

C₆H₁₄

M: 86,18 CAS: 64742-49-0 EINECS: 265-151-9 NC: 2901 10 00 UN: 1208

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H304

1l-0,651kg 1kg~1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers)	95,0 %
Identity	IR p/t

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
n-Hexane	20 %
Darkened substances by H ₂ SO ₄	p/t
Sulphur compounds (as S)	0,005 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,01 %
Thiophene	p/t

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pt	0,1
Al	0,5	Ge	0,05	S	0,2
As	0,05	Hg	0,05	Sb	0,02
Au	0,1	In	0,05	Si	0,2
B	0,02	K	0,1	Sn	0,1
Ba	0,1	Li	0,05	Sr	0,2
Be	0,02	Mg	0,1	Ti	0,02
Bi	0,05	Mn	0,02	Tl	0,02
Ca	0,5	Mo	0,02	V	0,02
Cd	0,05	Na	0,5	Zn	0,1
Co	0,02	Ni	0,02	Zr	0,02
Cr	0,02	P	0,2		
Cu	0,02	Pb	0,1		

Order code	Package	Units/Box st.
125261.1611	1000 ml	6
125261.1612	2,5 l	4

Isohexane, 95% PS

C_6H_{14}
M: 86,18 **CAS:** 64742-49-0 **EINECS:** 265-151-9 **NC:** 2901 10 00 **UN:** 1208
IMDG: 3/II **ADR:** 3/II **IATA:** 3/II **PAX:** 305 **CAO:** 307
Signal Word: Danger



H225-H304

1l-0,651kg 1kg-1,535l

SPECIFICATIONS:

Minimum assay (G.C.) (as isomers) 95 %
 Identity IR p/t.
 Non-volatile matter 0,001 %
 Water (H₂O) 0,01 %

Order code Package Units/Box st.

165261.1611	1000 ml	6
165261.1612	2,5 l	4

L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_{13}NO_2$
M: 131,17 **CAS:** 73-32-5 **EINECS:** 200-798-2 **NC:** 2922 42 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,0 %
 Identity according to Pharmacopoeias p/t.
 Specific rotation $[\alpha]^{25}_D$ c=4 (in HCl) +38,9 to +41,8°
 Specific rotation $[\alpha]^{20}_D$ c=4 (in HCl) calc. a.d.s. +40,0 to +43,0°
 pH of 1% solution 5,5-7,0
 T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Loss on drying at 105°C 0,3 %
 Residue on ignition (as SO₂) 0,1 %
 Organic volatile impurities p/t.
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 Fe 0,001 %

Order code Package Units/Box st.

142880.1208	100 g	6
142880.1211	1000 g	6

L-Isoleucine (F.C.C.) ADITIO

$C_6H_{13}NO_2$
M: 131,17 **CAS:** 73-32-5 **EINECS:** 200-798-2 **NC:** 2922 42 00

SPECIFICATIONS:

Assay (as C₆H₁₃NO₂) calc. a.d.s. 98,5-101,5 %
 Lead, not more than 5 ppm
 Loss on drying, not more than 0,3 %
 Residue on ignition, not more than 0,2 %
 Specific rotation $[\alpha]^{20}_D$ calc. a.d.s. +38,6 to +41,5°
 Specifications F.C.C. 6

Order code Package Units/Box st.

202880.1208	100 g	6
202880.1211	1 kg	6

L-Isoleucine, 99% PS

$C_6H_{13}NO_2$
M: 131,17 **CAS:** 73-32-5 **EINECS:** 200-798-2 **NC:** 2922 42 00

SPECIFICATIONS:

Minimum assay 99 %

Order code Package Units/Box st.

152880.1606	25 g	6
152880.1608	100 g	6

Isooctane (UV-IR-HPLC) PAI-ACS

C_8H_{18}
M: 114,23 **CAS:** 540-84-1 **EINECS:** 208-759-1 **NC:** 2901 10 00 **UN:** 1262
IMDG: 3/II **ADR:** 3/II **IATA:** 3/II **PAX:** 305 **CAO:** 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Density at 25/4 <0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0003 %
 Acidity 0,0002 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,005 %
 Sulphur compounds (as S) 0,005 %
 Suitability for IR spectrometry p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	235	245-400
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,1
 Eluotropic value E°(Al₂O₃) 0,01
 Sol. H₂O in solv. at 20°C 0,011
 P* + 0,25 E 0,1

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

362064.1611	1000 ml	6
362064.1612	2,5 l	4

Isooctane (PAR) PAI

C_8H_{18}
M: 114,23 **CAS:** 540-84-1 **EINECS:** 208-759-1 **NC:** 2901 10 00 **UN:** 1262
IMDG: 3/II **ADR:** 3/II **IATA:** 3/II **PAX:** 305 **CAO:** 307
Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Density at 25/4 <0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0003 meq/g
 Water (H₂O) 0,01 %
 Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
 Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
 Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t.

Order code Package Units/Box st.

322064.1611	1000 ml	6
322064.1612	2,5 l	4

Isooctane dry (max. 0,005% water) DS-ACS

C₈H₁₈

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t
Density at 25/4 ≤0,690

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Sulphur compounds (as S) 0,005 %
Acidity 0,0003 meq/g
Water (H₂O) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
482064.1611	1000 ml	6

Isooctane (Reag. Ph. Eur.) PA-ACS

C₈H₁₈

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t
Density at 20/20 0,691-0,696
Refractive index n_D 20 1,391-1,393
Distillation range (>95% dist.) 98-100°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Sulphur compounds (as S) 0,005 %
Acidity 0,0003 meq/g
Water (H₂O) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	Sb 0,02
Au 0,05	Hg 0,05	Si 0,2
B 0,02	In 0,05	Sn 0,1
Ba 0,1	K 0,1	Sr 0,2
Be 0,02	Li 0,05	Ti 0,02
Bi 0,05	Mg 0,1	Tl 0,02
Ca 0,5	Mn 0,02	V 0,02
Cd 0,05	Mo 0,02	Zn 0,1
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
132064.1611	1000 ml	6
132064.1612	2,5 l	4
132064.0314	5 l	4
132064.0316	25 l	

Isooctane PRS

C₈H₁₈

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t
Density at 25/4 ≤0,690
Non-volatile matter 0,005 %
Acidity 0,001 meq/g
Water (H₂O) 0,05 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
142064.1611	1000 ml	6
142064.1612	2,5 l	4
142064.0314	5 l	4
142064.0616	25 l	

Isooctane, 99% PS

C₈H₁₈

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 25/4 ≤0,690
Non-volatile matter 0,001 %
Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
162064.1611	1000 ml	6
162064.0314	5 l	4

Isooctane (ASTM) RE

C₈H₁₈

M: 114,23 CAS: 540-84-1 EINECS: 208-759-1 NC: 2901 10 00 UN: 1262
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,69kg 1kg-1,44l

SPECIFICATIONS:

Minimum assay (G.C.) 99,75 %
n-Heptane 0,10 %
Pb 0,002 g/USgal

Order code	Package	Units/Box st.
172064.1611	1000 ml	6
172064.0314	5 l	4

Isooctyl Alcohol

(see 2-Ethyl-1-Hexanol)

Isoparaffin G PA

CAS: 90622-57-4 EINECS: 292-459-0 NC: 2710 19 85 UN: 3295
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H226-H304

1l-0,751kg 1kg-1,331l

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter..... 0,005 %
 Sulphur compounds (as S)..... 0,001 %
 Aromatic compounds (UV) (as C₆H₆)..... 0,05 %
 Water (H₂O)..... 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Ga.....0,02	S.....0,2
Al.....0,5	Ge.....0,05	Sb.....0,02
As.....0,05	Hg.....0,1	Si.....0,2
Au.....0,05	In.....0,05	Sn.....0,1
B.....0,02	K.....0,1	Sr.....0,2
Ba.....0,1	Li.....0,05	Ti.....0,02
Be.....0,02	Mg.....0,1	Tl.....0,02
Bi.....0,05	Mn.....0,02	V.....0,02
Ca.....0,5	Mo.....0,02	Zn.....0,1
Cd.....0,05	Na.....0,5	Zr.....0,02
Co.....0,02	Ni.....0,02	
Cr.....0,02	P.....0,2	
Cu.....0,02	Pb.....0,1	
Fe.....0,1	Pt.....0,02	

Microfiltered product (0,2 µm)

Order code	Package	Units/Box st.
125273.1611	1000 ml	6
125273.1612	2,5 l	4

Isoparaffin H (Substitute of Xylene) DC

CAS: 90622-57-4 EINECS: 292-459-0 NC: 2712 20 90 UN: 3295
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H304

1l-0,765kg 1kg-1,307l

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Non-Volatile matter..... 0,005 %
 Sulphur compounds (as S)..... 0,001 %
 Aromatic compounds (UV)(as C₆H₆)..... 0,05 %
 Water (H₂O)..... 0,05 %

Order code	Package	Units/Box st.
255069.2711	1000 ml	6
255069.2714	5 l	4

Isopentane (UV-IR-HPLC) PAI

C₅H₁₂
 M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,620kg 1kg-1,613l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,5 %
 Density at 20/4..... 0,618-0,622

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 10
 Non volatile matter..... 0,0003 %
 Acidity..... 0,0005 meq/g
 Alkalinity..... 0,0002 meq/g
 Water (H₂O)..... 0,005 %
 Suitability for IR spectrometry..... p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	210	215	240-400
A (AU)	0,301	0,097	0,046	0,009
T (%)	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	2	2

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity..... 0,0
 Eluotropic value E^o(Al₂O₃)..... 0,00
 Sol. H₂O in solv. at 20°C..... 0,01
 P⁺ + 0,25 E..... 0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363501.1611	1000 ml	6

Isopentane PA

C₅H₁₂
 M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,620kg 1kg-1,613l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,0 %
 Identity..... IR p/t.
 Density at 20/4..... 0,618-0,622

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 10
 Non-volatile matter..... 0,001 %
 n-Pentane (G.C.)..... 0,5 %
 Darkened substances by H₂SO₄..... p/t.
 Sulphur compounds (as S)..... 0,002 %
 Acidity..... 0,0005 meq/g
 Water (H₂O)..... 0,01 %
 Thiophene..... p/t.

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Mg.....0,1	Sb.....0,02
Al.....0,5	Ga.....0,02	Si.....0,2
As.....0,05	Ge.....0,05	Sn.....0,1
Au.....0,05	Hg.....0,05	Sr.....0,2
B.....0,02	In.....0,05	Ti.....0,02
Ba.....0,1	K.....0,1	Tl.....0,02
Be.....0,02	Li.....0,05	V.....0,02
Bi.....0,05	Mn.....0,02	Zn.....0,1
Ca.....0,5	Mo.....0,02	Zr.....0,02
Cd.....0,05	Na.....0,5	
Co.....0,02	Ni.....0,02	
Cr.....0,02	P.....0,2	
Cu.....0,02	Pb.....0,1	
Fe.....0,1	Pt.....0,02	

Order code	Package	Units/Box st.
123501.1611	1000 ml	6

Isopentane PRS

C₅H₁₂
 M: 72,15 CAS: 78-78-4 EINECS: 201-142-8 NC: 2901 10 00 UN: 1265
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,620kg 1kg-1,613l

SPECIFICATIONS:

Assay (G.C.)..... 98 %
 Identity..... IR p/t.
 Density at 20/4..... 0,618-0,622
 Non-volatile matter..... 0,005 %
 n-Pentane (G.C.)..... 1 %
 Sulphur compounds (as S)..... 0,005 %
 Acidity..... 0,001 meq/g
 Water (H₂O)..... 0,02 %
 Cu..... 0,00002 %
 Fe..... 0,00005 %
 Ni..... 0,00002 %
 Pb..... 0,00002 %

Order code	Package	Units/Box st.
143501.1611	1000 ml	6

Isopentyl Acetate

(see Isoamyl Acetate)

Isopentyl Alcohol

(see 3-Methyl-1-Butanol)

Isopentyl Nitrite

(see Isoamyl Nitrite)

Isopropanol

(see 2-Propanol)

(R)-4-Isopropenyl-1-Methyl Cyclohexene

(see D(+)-Limonene)

Isopropyl Acetate PA

CH₃COOC₃H₇

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t

Density at 20/4 0,869-0,873

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,002 %

2-Propanol (G.C.) 0,05 %

1-Propyl Acetate (G.C.) 0,1 %

Acidity (as CH₃COOH) 0,01 %

Water (H₂O) 0,05 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code	Package	Units/Box st.
121374.1611	1000 ml	6

Isopropyl Acetate PRS

CH₃COOC₃H₇

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 0,869-0,873

Non-volatile matter 0,01 %

2-Propanol (G.C.) 0,1 %

1-Propyl Acetate (G.C.) 0,2 %

Acidity (as CH₃COOH) 0,03 %

Water (H₂O) 0,3 %

Cu 0,00002 %

Fe 0,00005 %

Ni 0,00002 %

Pb 0,00002 %

Order code	Package	Units/Box st.
141374.1611	1000 ml	6
141374.1612	2,5 l	4
141374.1214	5 l	4
141374.0716	25 l	

Isopropyl Acetate, 99% PS

CH₃COOC₃H₇

M: 102,13 CAS: 108-21-4 EINECS: 203-561-1 NC: 2915 39 10 UN: 1220

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l~0,871kg 1kg~1,148l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Density at 20/4 0,869-0,873

Non-volatile matter 0,002 %

Acidity (as CH₃COOH) 0,01 %

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161374.1211	1000 ml	6
161374.1212	2,5 l	4
161374.1714	5 l	4
161374.0616	25 l	

Isopropyl Alcohol

(see 2-Propanol)

Isopropyl Bromide

(see 2-Bromopropane)

Isopropyl Ether

(see Di-Isopropyl Ether)

Isopropyl Hexadecanoate

(see Isopropyl Palmitate)

1-Isopropyl-4-Methyl-1,4-Cyclohexadiene

(see γ-Terpinene)

(1R,2S,5R)-(-)-2-Isopropyl-5-Methylcyclohexanol

(see L(-)-Menthol)

2-Isopropyl-5-Methylphenol

(see Thymol)

5-Isopropyl-2-Methylphenol, 97% PS

C₁₀H₁₄O

M: 150,22 CAS: 499-75-2 EINECS: 207-889-6 NC: 2907 19 90 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Warning



H332-H312-H302

1l~0,976kg 1kg~1,025l

SPECIFICATIONS:

Minimum assay (G.C.) 97 %

Identity IR p/t

Density at 20/4 0,973-0,979

Order code	Package	Units/Box st.
15A654.1607	50 ml	6
15A654.1609	250 ml	6

Isopropyl Myristate, 98% PS

C₁₇H₃₄O₂

M: 270,46 CAS: 110-27-0 EINECS: 203-751-4 NC: 2915 90 80

1l~0,853kg 1kg~1,172l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Density at 20/4 0,852-0,854

Order code	Package	Units/Box st.
163712.1610	500 ml	6
163712.1611	1000 ml	6

Isopropyl Palmitate, 90% PS

C₁₉H₃₈O₂

M: 298,51 CAS: 142-91-6 EINECS: 205-571-1 NC: 2915 70 20

Signal Word: Warning



H319-H315

1l~0,852kg 1kg~1,174l

SPECIFICATIONS:

Minimum assay 90 %

Order code	Package	Units/Box st.
15A511.1609	250 ml	6
15A511.1611	1000 ml	6
15A511.1612	2,5 l	4

Isothymol

(see 5-Isopropyl-2-Methylphenol)

Kalignost ®-registered trade-mark of Heyl co. Berlin's

(see Sodium tetra-Phenylborate)

Kaolin

(see Aluminium Silicate)

Karl Fischer's Reagent

(see AQUAMETRIC)

Karl Fischer's Reagent Composite RV

for water determination. 1 ml corresponds to min. 0,005 g of H₂O

NC: 3822 00 00 UN: 2929

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H360FD-H225-H332-H312-H302-H411

1l~1,130kg 1kg~0,885l

SPECIFICATIONS:

1 ml of Reagent corresponds to minimum 5 mg of water

Order code	Package	Units/Box st.
281574.1611	1000 ml	6
281574.1612	2,5 l	4

Karl Fischer's Reagent Solution A RV

(Methanol-Pyridine-Sulphur(IV) Oxide) for water determination

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,941kg 1kg-1,063l

SPECIFICATIONS:

0,5 ml of Solution A mixed with 0,5 ml of Solution B correspond to 0,003 g of H₂O

Order code	Package	Units/Box st.
282420.1611	1000 ml	6
282420.1612	2,5 l	4

Karl Fischer's Reagent Solution B RV

(Methanol-Iodine) for water determination

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,908kg 1kg-1,101l

SPECIFICATIONS:

0,5 ml of Solution A mixed with 0,5 ml of Solution B correspond to minimum 0,003 g of H₂O

Order code	Package	Units/Box st.
282421.1611	1000 ml	6
282421.1612	2,5 l	4

Kerosene

(see Petroleum Ether 190-250°C)

α-Ketoglutaric Acid

(see 2-Oxoglutaric Acid)

Kieselgur

(see Siliceous Earth purified and calcined)

Kit for Fast Staining in Haematology (Fast Panoptic) DC

NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

Comprised of:

253998 Blue for fast staining (Panoptic No. 3)..... (1x500 ml)

253999 Eosin for fast staining (Panoptic No. 2)..... (1x500 ml)

254101 Fixing for fast staining (Panoptic No. 1)..... (1x500 ml)

Order code	Package	Units/Box st.
254807.0922	pack	6

Kit for HPLC Linearity Verification RS

for verification of the absorbance linearity in UV-VIS detectors

NC: 3822 00 00 UN: 1192

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H331-H311-H301-H370

Comprised of:

2 x 1 ml of Blank (Methanol)

3 x 1 ml of Propylparaben 5,0 mg/l in methanol

3 x 1 ml of Propylparaben 10,0 mg/l in methanol

3 x 1 ml of Propylparaben 15,0 mg/l in methanol

3 x 1 ml of Propylparaben 20,0 mg/l in methanol

3 x 1 ml of Propylparaben 25,0 mg/l in methanol

3 x 1 ml of Propylparaben 30,0 mg/l in methanol

Order code	Package	Units/Box st.
395138.0922	pack	6

Kit for Staining Gram-Hucker DC

NC: 3822 00 00 UN: 3316

IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915

Signal Word: Danger



H225-H319-EUH066-H336-H412

Comprised of:

251803 Alcohol-Acetone 7:3 (2x250 ml)

251774 Lugol's Liquor (1x250 ml)

252531 Safranin O solution according to Gram-Hucker (1x250 ml)

252532 Crystal Violet Oxalate solution according to Gram-Hucker (1x250 ml)

Order code	Package	Units/Box st.
254884.0922	pack	6

KJELDAHL CATALYSTS

Kjeldahl Catalyst (Cu) (0,3% in CuSO₄·5H₂O) tablets RE

(Potassium Sulphate + Copper(II) Sulphate)

NC: 3822 00 00

H412

Composition:

Potassium Sulphate 99,7 %

Copper(II) Sulphate 5-hydrate 0,3 %

Order code	Package	Units/Box st.
173350.1213	3,5 kg	4 (3)
173350.1214	5 kg	4 (6)

Kjeldahl Catalyst (Cu) (6,25% in CuSO₄·5H₂O) tablets RE

according to Directive 93/28/EEC (Potassium Sulphate + Copper(II) Sulphate)

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Potassium Sulphate 93,75 %

Copper(II) Sulphate 5-hydrate 6,25 %

Order code	Package	Units/Box st.
174428.1246	4 kg	4 (5)

Kjeldahl Catalyst (Cu) (9% in CuSO₄·5H₂O) tablets RE

(Potassium Sulphate + Copper(II) Sulphate). For N determination

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Potassium Sulphate 91 %

Copper(II) Sulphate 5-hydrate 9 %

Order code	Package	Units/Box st.
175639.12111	1650 g	6 (2)
175639.1214	5 kg	4 (6)

Kjeldahl Catalyst (Cu-Se) powder RE

(Potassium Sulphate + Copper(II) Sulphate + Selenium). For N determination

according to Wieninger

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H373-H412

Composition:

Potassium Sulphate 96,5 %

Copper(II) Sulphate 5-hydrate 1,5 %

Selenium 2 %

Order code	Package	Units/Box st.
172429.1211	1000 g	6
172429.1214	5 kg	4

Kjeldahl Catalyst (Cu-Se) (1,5% CuSO₄·5H₂O + 2% Se) tablets RE

(Potassium Sulphate + Copper(II) Sulphate + Selenium). For N determination

according to Wieninger

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H373-H412

Composition:

Potassium Sulphate 96,5 %

Copper(II) Sulphate 5-hydrate 1,5 %

Selenium 2 %

Order code	Package	Units/Box st.
172926.1211	1000 g	6 (1)
172926.1213	3,5 kg	4 (3)
172926.1214	5 kg	4 (6)

- (1) 1000 tablets of 1,0 g
- (2) 1000 tablets of 1,65 g
- (3) 1000 tablets of 3,5 g
- (4) 1000 tablets of 3,71 g
- (5) 1000 tablets of 4 g
- (6) 1000 tablets of 5,0 g

Kjeldahl Catalyst (Cu-Se) (9% CuSO₄·5H₂O + 0,9% Se) tablets RE

(Potassium Sulphate + Selenium metal + Copper(II) Sulphate 5-hydrate). For soil analysis

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Copper(II) Sulphate 5-hydrate 9 %
Potassium Sulphate 90 %
Selenium metal 0,9 %

Order code	Package	Units/Box st.
175570.1246	4 kg	4 (5)

Kjeldahl Catalyst (Cu-TiO₂) tablets RE

(Potassium Sulphate + Sodium Sulphate + Copper(II) Sulphate 5-hydrate + Titanium(IV) Oxide)

NC: 3822 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H411

Composition:

Sodium Sulphate 47,17 %
Potassium Sulphate 47,17 %
Copper(II) Sulphate 5-hydrate 2,83 %
Titanium(IV) Oxide 2,83 %

Order code	Package	Units/Box st.
173349.1296	3,71 kg	4 (4)

Kjeldahl Catalyst (Hg) tablets RE

(Potassium Sulphate + Mercury(II) Oxide yellow)

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H330-H310-H300-H373-H411

Composition:

Potassium Sulphate 95,24 %
Mercury(II) Oxide, yellow 4,76 %

Order code	Package	Units/Box st.
173347.1213	3,5 kg	4 (3)
173347.1214	5 kg	4 (6)

Kjeldahl Catalyst (Se) tablets RE

(Potassium Sulphate + Selenium)

NC: 3822 00 00

Composition:

Potassium Sulphate 99,9 %
Selenium 0,1 %

Order code	Package	Units/Box st.
173348.1213	3,5 kg	4 (3)
173348.1214	5 kg	4 (6)

Kojic Acid, 98% PS

C₆H₆O₃

M: 142,11 CAS: 501-30-4 EINECS: 207-922-4 NC: 2932 99 85

Minimum assay 98 %

Order code	Package	Units/Box st.
15A571.1604	5 g	6
15A571.1606	25 g	6

Kovacs' Reagent DC

for detection of indole

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H225-H302-H335-H315-H318-H336

1l-0,924kg 1kg-1,082l

Composition:

4-(Dimethylamino) benzaldehyde 50 g
Hydrochloric Acid 37% 250 ml
1-Butanol 750 ml

Order code	Package	Units/Box st.
252908.1608	100 ml	6

Kupferron

(see Cupferron)

- (1) 1000 tablets of 1,0 g
- (2) 1000 tablets of 1,65 g
- (3) 1000 tablets of 3,5 g
- (4) 1000 tablets of 3,71 g
- (5) 1000 tablets of 4 g
- (6) 1000 tablets of 5,0 g

L(+)-Lactic Acid PA

C₃H₅O₃

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Minimum assay (Acidim.) 85,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t
Residue on ignition (as SO₂) 0,02 %
Darkened substances by H₂SO₄ p/t
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,002 %
Heavy metals (as Pb) 0,0005 %
As 0,00001 %
Cu 0,0005 %
Fe 0,0002 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
121034.1211	1000 ml	6
121034.1214	5 l	4
121034.0716	25 l	
121034.0718	60 l	

L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

C₃H₅O₃

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Assay (C₃H₅O₃) 88,0-92,0 %
Minimum assay (as S-enantiomer) 95,0 % of C₃H₅O₃
Identity according to Pharmacopoeias p/t
Density at 20/20 1,20-1,21

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t
Ether-insoluble substances p/t
Insoluble matter in H₂O p/t
Residue on ignition (as SO₂) 0,05 %
Residual solvents (Ph.Eur./USP) p/t
Darkened substances by H₂SO₄ p/t
Sugars and other reducing substances p/t
Citric, oxalic and phosphoric acids p/t
Volatile fatty acids p/t
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,002 %
Heavy metals (as Pb) 0,001 %
As 0,0001 %
Ca 0,02 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141034.1211	1000 ml	6
141034.1214	5 l	4
141034.0716	25 l	
141034.0718	60 l	

L(+)-Lactic Acid (F.C.C.) ADITIO

C₃H₅O₃

M: 90,08 CAS: 79-33-4 EINECS: 201-196-2 NC: 2918 11 00

Signal Word: Warning



H319-H315

1l-1,20kg 1kg-0,83l

SPECIFICATIONS:

Assay (as C₃H₅O₃), not less than 85,0 %
Arsenic (as As), not more than 3 ppm
Chloride, not more than 0,02 %
Sulphate, not more than 0,05 %
Citric, Oxalic, Phosphoric, or Tartaric Acids p/t
Cyanide, not more than 5 ppm
Iron, not more than 10 ppm
Residue on ignition, not more than 0,1 %
Sugars and other reducing substances p/t
Heavy metals (as Pb), not more than 10 ppm
Lead, not more than 0,5 ppm
Mercury (Hg), not more than 1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201034.1214	5 l	4
201034.0716	25 l	

Lactophenol DC

for microscopy, bacteriology

NC: 3822 00 00 UN: 2927

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H311-H301-H314

1l-1,172kg 1kg-0,853l

Composition:

Phenol	22,7 g
L(+)-Lactic Acid	18,8 ml
Water	22,7 ml
Glycerol	35,8 ml

Order code	Package	Units/Box st.
251837.1608	100 ml	6

Lactophenol Blue solution DC

for microscopy, bacteriology

NC: 3822 00 00 UN: 2927

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H311-H301-H314

1l-1,172kg 1kg-0,853l

Composition:

Methyl Blue.....	50 mg
Phenol	25 g
L(+)-Lactic Acid	20,8 ml
Glycerol	39,5 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
253724.1608	100 ml	6

Lactose 1-hydrate (Reag. USP) PA-ACS

C₁₂H₂₂O₁₁.H₂O

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Minimum assay	99,0 %
Identity.....	IR p/t
Specific rotation [α] _D ²⁰ c=10 (in H ₂ O) calc. a.a.s	+54,4 to +55,9°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Residue on ignition (as SO ₄)	0,03 %
Glucose	p/t
Saccharose.....	p/t
Chloride (Cl).....	0,01 %
Sulphate (SO ₄)	0,01 %
Water (H ₂ O).....	4,0-6,0 %
Heavy metals (as Pb).....	0,0005 %
As	0,0001 %
Ca	0,005 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,002 %
Mn.....	0,0005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.

Order code	Package	Units/Box st.
131375.1210	500 g	6

Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.)

PRS-CODEX

C₁₂H₂₂O₁₁.H₂O

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t.
Specific rotation [α] _D ²⁰ c=10 (in H ₂ O) calc. a.a.s	+54,4 to+55,9°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O.....	p/t.
Loss on drying at 80°C.....	0,5 %
Residue on ignition (as SO ₄)	0,1 %
Residual solvents (Ph.Eur./USP).....	p/t
ABS at λ400 nm sol. 10% in H ₂ O.....	0,04
ABS of λ270 to 300 nm sol. 1% in H ₂ O.....	0,07
ABS of λ210 to 220 nm sol. 1% in H ₂ O.....	0,25
Acidity or alkalinity.....	p/t.
Chloride (Cl).....	0,01 %
Sulphate (SO ₄)	0,02 %
Water (H ₂ O).....	4,5-5,5 %
Heavy metals (as Pb).....	0,0005 %
Microbial limits:	
Total aerobic microbial count (TAMC).....	100 cfu/g
Yeasts and molds	50 cfu/g
Escherichia coli	absence
Salmonella.....	absence
As	0,0001 %
Cu	0,0005 %
Fe.....	0,0005 %
Ni.....	0,0005 %

Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.

Complies USP Specifications

Order code	Package	Units/Box st.
141375.1210	500 g	6
141375.1211	1000 g	6
141375.0914	5 kg	
141375.0416	25 kg	

Lactose 1-hydrate (F.C.C.) ADITIO

C₁₂H₂₂O₁₁.H₂O

M: 360,32 CAS: 10039-26-6 EINECS: 200-559-2 NC: 1702 19 00

SPECIFICATIONS:

Assay calc. a.a.s.....	98,0-100,5 %
pH of 10% solution	4,5-7,5
Arsenic (as As), not more than	0,5 ppm
Lead, not more than	0,5 ppm
Loss on drying.....	4,5-5,5 %
Residue on ignition, not more than	0,3 %

Microbial limit:

Escherichia coli	absence
Salmonella.....	absence

Specifications F.C.C. 6

Product obtained from animal milk with collection in the same conditions that the milk obtained for human consumption.

Order code	Package	Units/Box st.
201375.0914	5 kg	
201375.0416	25 kg	

LANTHANUM SOLUTIONS

(see Standards for ICP)

Lanthanum(III) Chloride 7-hydrate PA-ACS

LaCl₃.7H₂O

M: 371,37 CAS: 10025-84-0 EINECS: 233-237-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (as LaCl ₃).....	64,5 - 70,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Sulphate (SO ₄)	0,005 %
Ca.....	0,001 %
Cu.....	0,0003 %
Fe.....	0,0005 %
K.....	0,005 %
Mg.....	0,0001 %
Na.....	0,005 %
Pb.....	0,0005 %
Zn.....	0,0001 %

Order code	Package	Units/Box st.
132848.1208	100 g	6

Lanthanum(III) Chloride 7-hydrate PA

LaCl₃·7H₂O

M: 371,37 CAS: 10025-84-0 EINECS: 233-237-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Compl.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Sulphate (SO ₄).....	0,005 %
Ca.....	0,005 %
Cu.....	0,0003 %
Fe.....	0,0005 %
K.....	0,005 %
Mg.....	0,0003 %
Na.....	0,01 %
Pb.....	0,0005 %
Zn.....	0,0001 %

Order code	Package	Units/Box st.
122848.1208	100 g	6
122848.1209	250 g	6

Lanthanum Chloride/Cesium Chloride Buffer Solution

(see Buffer Solution Cesium Chloride/Lanthanum Chloride)

Lanthanum(III) Nitrate 6-hydrate PA

La(NO₃)₃·6H₂O

M: 433,02 CAS: 10277-43-7 EINECS: 233-238-0 NC: 2846 90 00 UN: 1477

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Compl.) 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,002 %
Ca.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,0005 %
Mg.....	0,0005 %
Na.....	0,01 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
122669.1208	100 g	6
122669.1209	250 g	6

Lanthanum(III) Oxide (Reag. Ph. Eur.) PA

Flux. For AA-spectrophotometry

La₂O₃

M: 325,81 CAS: 1312-81-8 EINECS: 215-200-5 NC: 2846 90 00

SPECIFICATIONS:

Minimum assay (Compl.) (a.i.s.) 99 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl).....	0,005 %
Al.....	0,001 %
Ca.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0003 %
Fe.....	0,0003 %
K.....	0,005 %
Mg.....	0,0003 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0003 %
Pb.....	0,0005 %
Sr.....	0,001 %
Zn.....	0,0003 %

Order code	Package	Units/Box st.
122705.1607	50 g	6
122705.1609	250 g	6

Lanthanum(III) Oxide PRS

La₂O₃

M: 325,81 CAS: 1312-81-8 EINECS: 215-200-5 NC: 2846 90 00

SPECIFICATIONS:

Assay (Compl.) (a.i.s.).....	98 %
Insoluble matter in HNO ₃	0,025 %
Chloride (Cl).....	0,01 %
Cu.....	0,005 %
Fe.....	0,005 %
Ni.....	0,005 %
Pb.....	0,005 %

Order code	Package	Units/Box st.
142705.1208	100 g	6
142705.1209	250 g	6

Lauric Acid, 99% PS

CH₃(CH₂)₁₀COOH

M: 200,32 CAS: 143-07-7 EINECS: 205-582-1 NC: 2915 90 10

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester)..... 99 %

Identity..... IR p/t

Melting range..... 43-45°C

Order code	Package	Units/Box st.
162368.1210	500 g	6

Lauric Acid Methyl Ester

(see Methyl Laurate)

Lauryl Alcohol

(see 1-Dodecanol)

Laurylsulphate Sodium Salt

(see Sodium Dodecyl Sulphate)

Lauth's Violet

(see Thionin)

Lead, 98% metal, granules PS

Pb

M: 207,19 CAS: 7439-92-1 EINECS: 231-100-4 NC: 7804 20 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay 98 %

Insoluble matter in HNO₃..... 0,05 %

Order code	Package	Units/Box st.
165684.1209	250 g	6
165684.1211	1000 g	6

Lead metal, powder PRS

Pb

M: 207,19 CAS: 7439-92-1 EINECS: 231-100-4 NC: 7804 20 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Insoluble matter in HNO₃..... 0,01 %

Cu..... 0,005 %

Fe..... 0,001 %

Ni..... 0,005 %

Zn..... 0,005 %

Order code	Package	Units/Box st.
143162.1209	250 g	6
143162.1211	1000 g	6

LEAD SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

Pb(CH₃COO)₂·3H₂O

M: 379,33 CAS: 6080-56-4 EINECS: 206-104-4 NC: 2915 29 00 UN: 1616

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H373-H373-H410

SPECIFICATIONS:

Minimum (Compl.) 99,5-103,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COOH..... 0,005 %

Chloride (Cl)..... 0,0005 %

Nitrate and Nitrite (as NO₃)..... 0,002 %

Ca..... 0,005 %

Cd..... 0,001 %

Co..... 0,001 %

Cu..... 0,001 %

Fe..... 0,001 %

K..... 0,005 %

Mg..... 0,005 %

Na..... 0,01 %

Ni..... 0,001 %

Zn..... 0,001 %

Order code	Package	Units/Box st.
131466.1210	500 g	6
131466.1211	1000 g	6
131466.1214	5 kg	4
131466.0416	25 kg	

Lead(II) Acetate 3-hydrate PRS

Pb(CH₃COO)₂·3H₂O

M: 379,33 CAS: 6080-56-4 EINECS: 206-104-4 NC: 2915 29 00 UN: 1616

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H373-H373-H410

SPECIFICATIONS:

Assay (Compl.)	99 %
Insoluble matter in CH ₃ COOH	0,025 %
Chloride (Cl)	0,005 %
Cu	0,003 %
Fe	0,003 %

Order code	Package	Units/Box st.
141466.1210	500 g	6
141466.1211	1000 g	6
141466.1214	5 kg	4
141466.0416	25 kg	

Lead(II) Acetate Basic

(see Lead(II) Hydroxide Acetate)

Lead(II) Carbonate Basic

(see Lead(II) Hydroxide Carbonate)

Lead(II) Chloride PA

PbCl₂

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t
Nitrate (NO ₃)	0,01 %
Fe	0,001 %
K	0,05 %
Na	0,05 %

Order code	Package	Units/Box st.
121470.1210	500 g	6
121470.1214	5 kg	6
121470.0416	25 kg	

Lead(II) Chloride PRS

PbCl₂

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.) 98 %

Nitrate (NO₃) 0,01 %

Fe 0,005 %

Order code	Package	Units/Box st.
141470.1210	500 g	6
141470.1214	5 kg	6
141470.0416	25 kg	

Lead(II) Chloride, 99% PS

PbCl₂

M: 278,12 CAS: 7758-95-4 EINECS: 231-845-5 NC: 2827 39 85 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum (Compl.) 99 %

Order code	Package	Units/Box st.
151470.1209	250 g	6
151470.1211	1000 g	6

Lead(II) Chromate PA

PbCrO₄

M: 323,18 CAS: 7758-97-6 EINECS: 231-846-0 NC: 2841 50 00 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H360Df-H373-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Soluble matter	0,3 %
Nitrate (NO ₃)	0,01 %

Order code	Package	Units/Box st.
121471.1210	500 g	6

Lead Dioxide

(see Lead(IV) Oxide)

Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H373-H351-H373-H410

CE: 082-007-00-9

SPECIFICATIONS:

Minimum assay (as Pb) (Compl.)	72,0 %
Minimum basic lead (as PbO)	33,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	1,0 %
Insoluble matter in CH ₃ COOH	0,02 %
Loss on drying at 105°C	1,5 %
Chloride (Cl)	0,003 %
Nitrate and nitrite (as NO ₃)	0,003 %
Ca	0,01 %
Cu	0,002 %
Fe	0,002 %
K	0,02 %
Na	0,05 %

Order code	Package	Units/Box st.
131467.1211	1000 g	6
131467.1214	5 kg	4
131467.0416	25 kg	

Lead(II) Hydroxideacetate PA

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H373-H351-H373-H410

SPECIFICATIONS:

Minimum assay (as Pb)(Compl.)	72,0 %
Minimum basic lead (as PbO)	33,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	1,0 %
Insoluble matter in CH ₃ COOH	0,02 %
Loss on drying at 105°C	1,5 %
Chloride (Cl)	0,01 %
Nitrate and nitrite (as NO ₃)	0,003 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cu	0,002 %
Fe	0,002 %
K	0,02 %
Mg	0,005 %
Na	0,05 %
Ni	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121467.1210	500 g	6
121467.1211	1000 g	6
121467.1214	5 kg	4
121467.0416	25 kg	

LEAD(II) HYDROXIDEACETATE SOLUTIONS

Lead(II) Hydroxideacetate solution PRS

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H360Df-H373-H351-H373-H410

1l-1,200kg 1kg-0,833l

SPECIFICATIONS:

Assay (as PbO)(Compl.) p/v	20-25 %
Density at 20/4	1,20-1,25

Order code	Package	Units/Box st.
141477.1211	1000 ml	6
141477.1214	5 l	4
141477.0716	25 l	

Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA

CAS: 1335-32-6 EINECS: 215-630-3 NC: 2915 29 00 UN: 2810
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Danger



H360Df-H373-H351-H373-H410

1l-1,240kg 1kg-0,806l

SPECIFICATIONS:

Assay (as Pb) (w/v) 22 %
 Density at 20/4 1,23-1,25

Order code	Package	Units/Box st.
125731.1211	1000 ml	6

Lead(II) Hydroxide Carbonate PA-ACS

EINECS: 215-290-6 NC: 2836 99 17 UN: 2291
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (as Pb) (Compl.) 77-80 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COOH dil 0,02 %
 Chloride (Cl) 0,002 %
 Nitrate and nitrite (as NO₃) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 50	Fe 50	Na 500
Bi 50	Ga 20	Ni 50
Ca 100	Ge 20	Sr 50
Cd 20	In 20	V 20
Co 50	K 200	Zn 30
Cr 50	Mg 50	Zr 20
Cu 50	Mn 50	

Order code	Package	Units/Box st.
131469.1209	250 g	6
131469.1211	1000 g	6

Lead(II) Hydroxide Carbonate PRS

EINECS: 215-290-6 NC: 2836 99 17 UN: 2291
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (as Pb)(Compl.) 77-80 %
 Chloride (Cl) 0,01 %
 Nitrate (NO₃) 0,01 %
 Fe 0,005 %
 Zn 0,05 %

141469.1210	500 g	6
141469.1211	1000 g	6
141469.1214	5 kg	4
141469.0416	25 kg	

Lead Monoxide

(see Lead(II) Oxide)

Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS

Pb(NO₃)₂
 M: 331,20 CAS: 10099-74-8 EINECS: 233-245-9 NC: 2834 29 20 UN: 1469
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Chloride (Cl) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Mo 5
Al 5	Cu 5	Na 20
As 5	Fe 5	Ni 5
Au 5	Ga 5	Pt 5
B 5	Ge 5	Sb 5
Be 5	Hg 5	Si 5
Bi 5	In 5	Sn 5
Ca 50	K 20	Sr 5
Cd 5	Li 5	Ti 5
Co 5	Mn 5	Zn 5
		Zr 5

Order code	Package	Units/Box st.
131473.1210	500 g	6
131473.1211	1000 g	6
131473.1214	5 kg	4
131473.0416	25 kg	

Lead(II) Nitrate PRS

Pb(NO₃)₂
 M: 331,20 CAS: 10099-74-8 EINECS: 233-245-9 NC: 2834 29 20 UN: 1469
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.) 98 %
 Insoluble matter in H₂O 0,025 %
 Chloride (Cl) 0,005 %
 Ca 0,05 %
 Cu 0,002 %
 Fe 0,002 %

Order code	Package	Units/Box st.
141473.1210	500 g	6
141473.1211	1000 g	6
141473.1214	5 kg	4
141473.0416	25 kg	

Lead (II,IV) Oxide

(see Lead tetra-Oxide)

Lead(II) Oxide (DAC) PRS-CODEX

PbO
 M: 223,20 CAS: 1317-36-8 EINECS: 215-267-0 NC: 2824 10 00 UN: 2291
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.) 99,0 - 100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COOH dil 0,2 %
 Loss on ignition at 700°C 0,2 %
 Residual solvents (Ph.Eur./USP) p/t
 Chloride (Cl) 0,05 %
 Nitrate (NO₃) 0,05 %
 Cu 0,005 %
 Fe 0,005 %

Order code	Package	Units/Box st.
141475.1210	500 g	6
141475.1211	1000 g	6
141475.1214	5 kg	6
141475.0416	25 kg	

Lead(IV) Oxide PRS

PbO₂
 M: 239,19 CAS: 1309-60-0 EINECS: 215-174-5 NC: 2824 90 90 UN: 1872
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Iodom.) 95 %
 Insoluble matter in HNO₃ 0,1 %
 Chloride (Cl) 0,1 %
 Sulphate (SO₄) 0,05 %
 Cu 0,02 %
 Mn 0,002 %
 Ni 0,02 %

Order code	Package	Units/Box st.
141468.1210	500 g	6
141468.1214	5 kg	6
141468.0416	25 kg	

Lead tetra-Oxide PA

Pb₃O₄
 M: 685,57 CAS: 1314-41-6 EINECS: 215-235-6 NC: 2824 90 10 UN: 3087
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Minimum assay (as Pb₃O₄) 97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO₃ 0,05 %
 Soluble matter in H₂O 0,2 %
 Ca 0,01 %
 Cu 0,005 %
 Fe 0,005 %
 K 0,01 %
 Mg 0,01 %
 Mn 0,001 %
 Na 0,01 %
 Zn 0,005 %

Order code	Package	Units/Box st.
121476.1209	250 g	6
121476.1211	1000 g	6

Lead Oxide red

(see Lead tetra-Oxide)

Lead Subacetate

(see Lead(II) Hydroxideacetate)

Lead(II) Sulphate PA

PbSO₄

M: 303,25 CAS: 7446-14-2 EINECS: 231-198-9 NC: 2833 29 60 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H332-H302-H373-H410 CE: 082-001-00-6

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COONH₄ 0,05 %

Loss on ignition 0,5 %

Chloride (Cl) 0,002 %

Nitrate (NO₃) p/t

Fe 0,002 %

K 0,05 %

Na 0,1 %

Order code	Package	Units/Box st.
121478.1210	500 g	6

Lead(II) Sulphate PRS

PbSO₄

M: 303,25 CAS: 7446-14-2 EINECS: 231-198-9 NC: 2833 29 60 UN: 2291

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H360Df-H332-H302-H373-H410

SPECIFICATIONS:

Assay (Compl.) 98 %

Insoluble matter in CH₃COONH₄ 0,1 %

Chloride (Cl) 0,01 %

Fe 0,005 %

Order code	Package	Units/Box st.
141478.1210	500 g	6
141478.1214	5 kg	4

Leishman Solution

(see Eosin-Methylene Blue solution according to Leishman)

Leishman Stain

(see Eosin-Methylene Blue dye according to Leishman)

L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₃NO₂

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0%

Identity according to Pharmacopoeias p/t

T.L.C p/t

Specific rotation [α]_D²⁰ c=4 (in HCl 6 mol/l)

(calc. a.d.s.) +14,9 to +16,5°

pH of 1% solution 5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t

Insoluble matter in HCl 1 mol/l p/t

Loss on drying at 105°C 0,2 %

Residue on ignition (as SO₃) 0,1 %

Residual solvents (Ph.Eur./USP) p/t

Chloride (Cl) 0,02 %

Sulphate (SO₄) 0,03 %

Ammonium (NH₄) 0,02 %

Heavy metals (as Pb) 0,001 %

As 0,00015 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
142046.1206	25 g	6
142046.1208	100 g	6

L-Leucine (F.C.C.) ADITIO

C₆H₁₃NO₂

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95

SPECIFICATIONS:

Assay (as C₆H₁₃N₄O₂) calc. a.d.s 98,5-101,5%

Appearance p/t

Identity:

IR spectrum p/t

Lead, not more than 5 ppm

Loss on drying, not more than 0,2 %

Residue on ignition, not more than 0,1 %

Specific rotation [α]_D²⁰ calc. a.d.s +14,5 to +16,5°

Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
202046.1208	100 g	6

L-Leucine, 99% PS

C₆H₁₃NO₂

M: 131,18 CAS: 61-90-5 EINECS: 200-522-0 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
152046.1608	100 g	6
152046.1610	500 g	6

D-Levulose

(see D(-)-Fructose)

Light Green solution 0,1% DC

for microscopy, animal tissue staining

C₃₇H₃₅N₂Na₂O₁₀S₃

M: 792,84 CAS: 5141-20-8 NC: 3204 12 00

1l-0,997kg 1kg-1,003l

Composition:

Light Green SF yellowish 0,1 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
253524.1210	500 ml	6

Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85

1l-0,845kg 1kg-1,183l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t

Density at 20/20 0,810-0,875

Density at 25/25 0,818-0,880

Dynamic viscosity at 19,9-20,1°C 25 - 80 mPas

Kinematic viscosity at 40°C < 33,5 cSt

MAXIMUM LIMIT OF IMPURITIES

Darkened substances by H₂SO₄ p/t

Polycyclic aromatic hydrocarbons p/t

Solid Paraffin p/t

Acidity or alkalinity p/t

Residual solvents (Ph.Eur./USP) p/t

Order code	Package	Units/Box st.
146257.1211	1000 ml	6
146257.1212	2,5 l	4
146257.0716	25 l	
146257.0718	60 l	

Ligroin

(see Petroleum Ether)

Lime Water saturated solution RE

Ca(OH)₂

M: 74,09 CAS: 1305-62-0 NC: 2825 90 19

1l-1,005kg 1kg-0,995l

Composition:

Calcium Hydroxide 0,5 g

Water 100 ml

Order code	Package	Units/Box st.
171073.1210	500 ml	6

D(+)-Limonene (F.C.C.) ADITIO

C₁₀H₁₆

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H317-H410

1l-0,842kg 1kg~1,187l

SPECIFICATIONS:

Assay (G.C.), not less than 93,0 %
Specific rotation [α]_D²⁰ +96 to +104°
IR p/t
Peroxide value, not more than 5,0
Specific gravity 0,838-0,843
Refractive index 1,471-1,474
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203385.1214	5 l	4

D(+)-Limonene, 95% PS

C₁₀H₁₆

M: 136,24 CAS: 5989-27-5 EINECS: 227-813-5 NC: 2902 19 10 UN: 2052
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H315-H317-H410

1l-0,842kg 1kg~1,187l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %
Identity IR p/t
Density at 20/4 0,841-0,843
Specific rotation [α]_D²⁰ (without dil.) +113 to +120°
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
163385.1608	100 ml	6
163385.1610	500 ml	6
163385.1214	5 l	4
163385.0716	25 l	

(±)-Linalool, 95% PS

C₁₀H₁₈O

M: 154,25 CAS: 78-70-6 EINECS: 201-134-4 NC: 2905 22 10

1l-0,861kg 1kg~1,161l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %
Identity IR p/t
Density at 20/4 0,860-0,862

Order code	Package	Units/Box st.
15A584.1608	100 ml	6
15A584.1609	250 ml	6
15A584.1610	500 ml	6

Linalyl Acetate, 95% PS

C₁₂H₂₀O₂

M: 196,29 CAS: 115-95-7 EINECS: 204-116-4 NC: 2915 39 80

Signal Word: Warning



H319-H335-H315

1l-0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %
Identity IR p/t

Order code	Package	Units/Box st.
15A818.1609	250 ml	6

Lindlar catalyst

(see Palladium 5% on Calcium Carbonate)

Linoleic Acid CG

C₁₈H₃₂O₂

M.= 280,45 CAS [60-33-3] NC: 2916 15 00 RTECS: RF9990000

1l-0,903kg 1kg~1,107l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t

Order code	Package	Units/Box st.
353710.1903	1 ml	6

Liquid Paraffin

(see Vaseline Oil, Light liquid Paraffin)

Lissamine Green B (C.I. 44090) DC

for microscopy, plasma staining

C₂₇H₂₅N₂NaO₂S₂

M: 576,63 CAS: 3087-16-9 EINECS: 221-409-2 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t
λ of max. ABS in H₂O 634-637 nm
A 1%, 1cm, λ_{max} >1200
Ratio λ_{max} P ± 15 nm 0,95-1,10
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 5 %

Order code	Package	Units/Box st.
253987.1606	25 g	6

Litharge

(see Lead(II) Oxide)

Lithium metal, pieces in Argon atmosphere PRS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

Assay (Acidim.) 99 %

Order code	Package	Units/Box st.
142003.1608	100 g	6

Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %

Order code	Package	Units/Box st.
15A820.1606	25 g	6

Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS

Li

M: 6,94 CAS: 7439-93-2 EINECS: 231-102-5 NC: 2805 19 90 UN: 1415

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %

Order code	Package	Units/Box st.
163966.1606	25 g	6
163966.1608	100 g	6

LITHIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Lithium Aluminium Hydride, 95% in Argon atmosphere PS

H₂AlLi

M: 37,95 CAS: 16853-85-3 EINECS: 240-877-9 NC: 2850 00 20 UN: 1410

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



H260-H314

SPECIFICATIONS:

Minimum assay 95 %

Order code	Package	Units/Box st.
15A821.1605	10 g	6
15A821.1606	25 g	6
15A821.1608	100 g	6

Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS

H₂AlLi
M: 37,95 CAS: 16853-85-3 EINECS: 240-877-9 NC: 2850 00 20 UN: 1410
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



H260-H314

SPECIFICATIONS:
Minimum assay 95 %

Order code	Package	Units/Box st.
15A822.1605	10 g	6
15A822.1606	25 g	6
15A822.1608	100 g	6

Lithium Amide, 94% PS

LiNH₂
M: 22,96 CAS: 7782-89-0 EINECS: 231-968-4 NC: 2850 00 20 UN: 1390
IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 418
Signal Word: Danger



H225-EUH014-H314

SPECIFICATIONS:
Minimum assay 94 %

Order code	Package	Units/Box st.
15A823.1606	25 g	6
15A823.1608	100 g	6

Lithium meta-Borate anhydrous PA

flux
LiBO₂
M: 49,75 CAS: 13453-69-5 EINECS: 236-631-5 NC: 2840 20 90

SPECIFICATIONS:
Minimum assay (Acidim.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Loss on melting	2,0 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,005 %
Silicate (as SiO ₂)	0,05 %
Sulphate (SO ₄)	0,01 %
Al	0,002 %
As	0,0002 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,005 %
Mg	0,01 %
Mn	0,0004 %
Na	0,005 %
Ni	0,0005 %
Pb	0,002 %
Zn	0,0005 %

Order code	Package	Units/Box st.
123205.1208	100 g	6
123205.1210	500 g	6

di-Lithium tetra-Borate PA

flux
Li₂B₄O₇
M: 169,12 CAS: 12007-60-2 EINECS: 234-514-3 NC: 2840 20 90

SPECIFICATIONS:
Minimum assay (Acidim.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Loss on melting	2,0 %
Chloride (Cl)	0,005 %
Fluoride (F)	0,002 %
Phosphate (PO ₄)	0,05 %
Silicate (as SiO ₂)	0,01 %
Sulphate (SO ₄)	0,02 %
Al	0,005 %
As	0,0002 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,001 %
Cu	0,0005 %
Fe	0,001 %
K	0,005 %
Mg	0,002 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,002 %
Zn	0,001 %

Order code	Package	Units/Box st.
122903.1209	250 g	6
122903.1211	1000 g	6
122903.0914	5 kg	

Lithium Bromide PA

LiBr
M: 86,85 CAS: 7550-35-8 EINECS: 231-439-8 NC: 2827 59 00

SPECIFICATIONS:
Minimum assay (Arg) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,003 %
Bromate (BrO ₃)	p/t
Chloride (Cl)	0,2 %
Sulphate (SO ₄)	0,01 %
Iodide (I)	0,05 %
Ba	0,002 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,002 %
Na	0,05 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122902.1209	250 g	6
122902.1214	5 kg	4

Lithium Bromide PRS

LiBr
M: 86,85 CAS: 7550-35-8 EINECS: 231-439-8 NC: 2827 59 00

SPECIFICATIONS:
Assay (Arg) 98 %

Insoluble matter in H₂O 0,01 %
Sulphate (SO₄) 0,05 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
142902.1209	250 g	6
142902.1214	5 kg	4

Lithium Carbonate (Reag. Ph. Eur.) PA-ACS

Li₂CO₃
M: 73,89 CAS: 554-13-2 EINECS: 209-062-5 NC: 2836 91 00
Signal Word: Warning



H302

SPECIFICATIONS:
Minimum assay (Acidim.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl	0,01 %
Sulphur compounds (as SO ₄)	0,2 %
Chloride (Cl)	0,005 %
Nitrate (NO ₃)	0,0005 %
Ammonium (NH ₄)	0,0005 %
Heavy metals (as Pb)	0,002 %
Ca	0,01 %
Cu	0,001 %
Fe	0,002 %
K	0,01 %
Mg	0,01 %
Na	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131391.1209	250 g	6
131391.1210	500 g	6
131391.0914	5 kg	

Lithium Carbonate PRS

Li₂CO₃
M: 73,89 CAS: 554-13-2 EINECS: 209-062-5 NC: 2836 91 00
Signal Word: Warning



H302

SPECIFICATIONS:
Assay (Acidim.) 98 %

Insoluble matter in HCl 0,05 %
Sulphur compounds (as SO₄) 0,3 %
Chloride (Cl) 0,05 %
Nitrate (NO₃) 0,005 %
Ammonium (NH₄) 0,005 %
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
141391.1209	250 g	6
141391.1210	500 g	6
141391.0914	5 kg	

Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS

LiCl

M: 42,39 CAS: 7447-41-8 EINECS: 231-212-3 NC: 2827 39 85

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay (Arg.)..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,01 %

Loss on drying at 105°C..... 1,0 %

Alkalinity 0,008 meq/g

Sulphate (SO₄) 0,01 %

Heavy metals (as Pb)..... 0,002 %

Metals by ICP [mg/Kg (ppm)]

Ba 30

Ca 50

Fe 10

K 50

Na 2000

Order code	Package	Units/Box st.
131392.1209	250 g	6
131392.1210	500 g	6
131392.1214	5 kg	4

Lithium Chloride PRS

LiCl

M: 42,39 CAS: 7447-41-8 EINECS: 231-212-3 NC: 2827 39 85

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Arg.)..... 98 %

Insoluble matter in H₂O..... 0,05 %

Nitrogen compounds (as N) 0,005 %

Phosphate (PO₄) 0,003 %

Sulphate (SO₄) 0,05 %

Cu 0,002 %

Fe 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141392.1209	250 g	6
141392.1210	500 g	6
141392.1214	5 kg	

LITHIUM CHLORIDE SOLUTIONS

Lithium Chloride 1 mol/l in ethanol RV

electrolyte for non-aqueous media

LiCl

M: 42,39 CAS: 7447-41-8 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,800kg 1kg~1,250l

Composition:

Lithium Chloride 4,24 g

Ethanol absolute s.q.m..... 100 ml

Order code	Package	Units/Box st.
285250.1209	250 ml	6

Lithium Chloride 1 mol/l in glacial acetic acid RV

electrolyte for electrodes in non-aqueous media

LiCl

M: 42,39 NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314

1l~1,080kg 1kg~0,926l

Composition:

Lithium Chloride 4,24 g

Acetic Acid glacial s.q.m..... 100 ml

Order code	Package	Units/Box st.
285249.1609	250 ml	6

Lithium Fluoride PRS

LiF

M: 25,94 CAS: 7789-24-4 EINECS: 232-152-0 NC: 2826 19 90 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H335-H315

SPECIFICATIONS:

Assay (Gravim.)..... 98 %

Acidity (as HF) 0,02 %

Chloride (Cl) 0,02 %

Sulphate (SO₄) 0,02 %

Cu 0,005 %

Fe 0,005 %

Ni 0,005 %

Pb 0,005 %

Order code	Package	Units/Box st.
142431.1210	500 g	6
142431.0914	5 kg	

Lithium Hydroxide 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS

LiOH.H₂O

M: 41,96 CAS: 1310-66-3 EINECS: 215-183-4 NC: 2825 20 00 UN: 2680

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,01 %

Lithium Carbonate 1,0 %

Chloride (Cl) 0,01 %

Nitrate (NO₃) 0,001 %

Sulphate (SO₄) 0,05 %

Heavy metals (as Pb)..... 0,002 %

Ca 0,005 %

Cu 0,001 %

Fe 0,001 %

K 0,05 %

Mg 0,005 %

Na 0,05 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
131928.1209	250 g	6

Lithium Hydroxide 1-hydrate (USP) PRS-CODEX

LiOH.H₂O

M: 41,96 CAS: 1310-66-3 EINECS: 215-183-4 NC: 2825 20 00 UN: 2680

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s..... 98,0-102,0%

Lithium (calc. a.a.s.)..... 28,4- 29,1%

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,01 %

Loss on drying at 135°C..... 41,0- 43,5%

Residual solvents (Ph.Eur./USP)..... p/t

Carbonate (as CO₂)..... 0,7 %

Chloride (Cl) 0,01 %

Sulphate (SO₄) 0,05 %

Heavy metals (as Pb)..... 0,002 %

As 0,0005 %

Ca 0,20 %

Cu 0,002 %

Fe 0,002 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141928.1209	250 g	6
141928.1210	500 g	6
141928.1214	5 kg	4

Lithium Nitrate PRS

LiNO₃
 M: 68,94 CAS: 7790-69-4 EINECS: 232-218-9 NC: 2834 29 80 UN: 2722
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



SPECIFICATIONS:

Assay	98 %
Insoluble matter in H ₂ O	0,05 %
Chloride (Cl)	0,01 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,05 %
Ammonium (NH ₄)	0,01 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
142432.1209	250 g	6
142432.1210	500 g	6
142432.1214	5 kg	4

Lithium Perchlorate 3-hydrate PA

LiClO₄·3H₂O
 M: 160,44 CAS: 13453-78-6 EINECS: 232-237-2 NC: 2829 90 10 UN: 1481
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H271-H302-H319-H335-H315

SPECIFICATIONS:

Minimum assay (Arg.)	98,0 %
pH of 5% solution	5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,003 %
Sulphate (SO ₄)	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122788.1209	250 g	6
122788.0914	5 kg	

Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

Li₂SO₄·H₂O
 M: 127,95 CAS: 10102-25-7 EINECS: 233-820-4 NC: 2833 29 90

SPECIFICATIONS:

Minimum assay (a.d.s.)	99,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Loss on drying at 150°C	13,0-15,0 %
Chloride (Cl)	0,002 %
Nitrate (NO ₃)	0,001 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,05 %
Mg	0,01 %
Na	0,05 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131393.1209	250 g	6

Lithium Sulphate 1-hydrate PRS

Li₂SO₄·H₂O
 M: 127,95 CAS: 10102-25-7 EINECS: 233-820-4 NC: 2833 29 90

SPECIFICATIONS:

Insoluble matter in H ₂ O	0,05 %
Loss on drying at 150°C	13,0-15,0 %
Chloride (Cl)	0,005 %
Nitrate (NO ₃)	0,005 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141393.1209	250 g	6
141393.1210	500 g	6
141393.1214	5 kg	4

Litmus soluble PA

pH indicator 4,5 red; 8,3 blue
 CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS at pH 8,0	580-585 nm
A 1%, 1cm, λ max. c.a.d.s.	>450

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as pH indicator	p/t.
Loss on drying at 135°C	7 %

Order code	Package	Units/Box st.
121747.1604	5 g	6
121747.1606	25 g	6

Litmus soluble RE

pH indicator 4,5 red; 8,3 blue
 CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

SPECIFICATIONS:

Identity	IR p/t.
λ of max. ABS in H ₂ O	580-590 nm
A 1%, 1cm, λ max.	>30

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as pH indicator	p/t.
Loss on drying at 135°C	7 %

Order code	Package	Units/Box st.
171747.1606	25 g	6

Litmus stain RV

pH indicator 4,5 red; 8,3 blue
 CAS: 1393-92-6 EINECS: 215-739-6 NC: 3203 00 10

1l-1,001kg 1kg-0,999l
 Composition:
 Litmus soluble0,7 g
 Water s.q.m100 ml

Order code	Package	Units/Box st.
281748.1208	100 ml	6

Luff-Schoorl's Reagent RE

for determination of sugar in meats
 NC: 3822 00 00

H412
 1l-1,157kg 1kg-0,864l
 Composition:
 Sodium Carbonate anhydrous14,36 g
 Citric Acid anhydrous5,47 g
 Copper(II) Sulphate 5-hydrate2,6 g
 Water s.q.m100 ml

Order code	Package	Units/Box st.
172174.1211	1000 ml	6

Lugol

(see Lugol's Liquor)

Lugol's Iodine Iodized solution

(see Lugol's Liquor)

Lugol's Liquor DC

for microscopy, bacterium staining according to Gram (see also Kit for Staining Gram-Hucker)

NC: 3822 00 00
 H412
 1l-1,008kg 1kg-0,992l
 Composition:
 Potassium Iodide0,66 g
 Iodine0,4 g
 Water s.q.m100 ml

Order code	Package	Units/Box st.
251774.1608	100 ml	6
251774.1609	250 ml	6
251774.1611	1000 ml	6

LUTETIUM SOLUTIONS

(see Standards for ICP)

2,6-Lutidine

(see 2,6-Dimethylpyridine)

L-Lysine 1-hydrate, 98% PS

C₆H₁₁N₂O₂·H₂O
 M: 164,20 CAS: 39665-12-8 EINECS: 200-294-2 NC: 2922 41 00

SPECIFICATIONS:

Minimum assay	98 %
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Order code	Package	Units/Box st.
15A390.1606	25 g	6
15A390.1608	100 g	6

L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₄N₂O₂·HCl

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,0 %
 Assay (as Cl) (Arg.) 19,0-19,5 %
 Identity according to Pharmacopoeias p/t
 Specific rotation [α]_D²⁰ c=8 (in HCl) calc. a.d.s. +21,0 to +22,5°
 Specific rotation [α]_D²⁵ c=8 (in HCl) calc. a.d.s. +20,4 to +21,4°
 T.L.C. p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Loss on drying at 105°C 0,4 %
 Residue on ignition (as SO₄) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t
 Ammonium (NH₄) 0,02 %
 Sulphate (SO₄) 0,03 %
 Heavy metals (as Pb) 0,001 %
 Fe 0,003 %

Order code	Package	Units/Box st.
144764.1208	100 g	6
144764.1211	1000 g	6

L-Lysine mono-Hydrochloride (F.C.C.) ADITIO

C₆H₁₄N₂O₂·HCl

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,5 %
 Identification IR p/t
 Lead, not more than 5 ppm
 Loss on drying, not more than 1,0 %
 Specific rotation [α]_D²⁰ calc. a.d.s. +20,3 to +21,5°
 Residue on ignition, not more than 0,2 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
204764.1208	100 g	6
204764.1211	1 kg	6

L-Lysine mono-Hydrochloride, 99% PS

C₆H₁₄N₂O₂·HCl

M: 182,65 CAS: 657-27-2 EINECS: 211-519-9 NC: 2922 41 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
154764.1608	100 g	6
154764.1610	500 g	6

Macrogol

(see Polyethylene Glycol)

Magenta I

(see Fuchsin Basic)

Mag-β-D-GlcA

(see 5-Bromo-6-Chloro-3-Indolyl-β-D-Glucuronide Cyclohexylammonium Salt)

Magnesia Mixture RE

for phosphate determination

NC: 3822 00 00

Composition:

Magnesium Chloride 6-hydrate 5 g
 Ammonium Chloride 10 g
 Ammonia 25% 13,6 ml
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
171434.1210	500 ml	6

Magnesium metal, powder PRS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 30 00 UN: 1418

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger



H228-H261

SPECIFICATIONS:

Assay (Compl.) 98 %
 Insoluble matter in HCl p/t
 Fe 0,05 %
 Pb 0,005 %

Order code	Package	Units/Box st.
141400.1208	100 g	6
141400.1209	250 g	6
141400.1211	1000 g	6
141400.0914	5 kg	

Magnesium metal, filings PRS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger



H228-H261

SPECIFICATIONS:

Assay (Compl.) 99 %
 Insoluble matter in HCl p/t
 Al 0,05 %
 Cu 0,005 %
 Fe 0,05 %
 Mn 0,1 %
 Ni 0,005 %
 Pb 0,005 %
 Si 0,1 %
 Zn 0,005 %

Order code	Package	Units/Box st.
141945.1208	100 g	6
141945.1209	250 g	6
141945.1211	1000 g	6
141945.0914	5 kg	

Magnesium, 99% metal, filings PS

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger



H228-H261

SPECIFICATIONS:

Assay (Compl.) 99 %

Order code	Package	Units/Box st.
151945.1208	100 g	6
151945.1210	500 g	6

Magnesium metal, ribbon QP

ribbon 3 mm x ~0,2 mm

Mg

M: 24,31 CAS: 7439-95-4 EINECS: 231-104-6 NC: 8104 90 00 UN: 1869

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Danger



H228-H261

SPECIFICATIONS:

Assay (Compl.) 99 %
 Insoluble matter in HCl p/t
 Cu 0,005 %
 Fe 0,05 %
 Ni 0,005 %
 Pb 0,005 %
 Zn 0,02 %

Order code	Package	Units/Box st.
211841.1106	25 g	6

MAGNESIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS

Mg(CH₃COO)₂·4H₂O

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0 %
 pH of 5% solution 7,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0003 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cu 5	Mo 5
Al 1	Fe 5	Na 50
Au 5	Ga 5	Ni 5
Ba 10	Ge 5	Pb 5
Ca 100	In 5	Sb 5
Cr 5	K 50	Si 5
Cd 5	Li 5	Sr 50
Co 5	Mn 10	Zn 5
		Zr 5

Order code	Package	Units/Box st.
131394.1210	500 g	6
131394.1211	1000 g	6
131394.0914	5 kg	
131394.0416	25 kg	

Magnesium Acetate 4-hydrate PRS

Mg(CH₃COO)₂·4H₂O

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	7,5-8,5
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,03 %
Nitrate (NO ₃)	p/t
Sulphate (SO ₄)	0,06 %
Heavy metals (as Pb)	0,004 %

Order code	Package	Units/Box st.
141394.1210	500 g	6
141394.1211	1000 g	6
141394.0914	5 kg	
141394.0416	25 kg	

Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX

Mg(CH₃COO)₂·4H₂O

M: 214,46 CAS: 16674-78-5 EINECS: 205-554-9 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)	98,0-100,5%
Identity according to Pharmacopoeias	p/t
pH of 5% solution	7,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Readily oxidisable substances	p/t
Chloride (Cl)	0,03 %
Nitrate (NO ₃)	0,0003 %
Sulphate (SO ₄)	0,06 %
Water (H ₂ O)	33,0-35,0 %
Heavy metals (as Pb)	0,004 %
Al	0,0001 %
As	0,0003 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
K	0,1 %
Na	0,1 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
191394.1211	1000 g	6
191394.0914	5 kg	
191394.0416	25 kg	

Magnesium Bromide 6-hydrate PA

MgBr₂·6H₂O

M: 292,22 CAS: 13446-53-2 EINECS: 232-170-9 NC: 2827 59 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Acidity and alkalinity	p/t
Chloride (Cl)	0,05 %
Ammonium (NH ₄)	0,002 %
As	0,0001 %
Ba	0,005 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
122433.1210	500 g	6
122433.1214	5 kg	4
122433.0416	25 kg	

Magnesium Carbonate Basic

(see Magnesium Hydroxide Carbonate 5-hydrate)

Magnesium Chloride 6-hydrate PA-ACS-ISO

MgCl₂·6H₂O

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%
pH of 5% solution	5,0-6,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Nitrogen compounds (as N)	0,002 %
Phosphate (PO ₄)	0,0005 %
Nitrate (NO ₃)	0,001 %
Sulphate (SO ₄)	0,002 %
Ammonium (NH ₄)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Pb	5
Au	5	Ga	5
Ba	20	Ge	5
Be	5	Hg	5
Bi	5	In	5
Ca	50	K	50
Cd	5	Mn	5
Co	5	Mo	5
Cr	5	Na	50
Cu	5	Ni	5
		Si	5
		Sr	50
		Ti	5
		Tl	5
		V	5
		Zn	10
		Zr	5

Order code	Package	Units/Box st.
131396.1210	500 g	6
131396.1211	1000 g	6
131396.0914	5 kg	
131396.0416	25 kg	

Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

MgCl₂·6H₂O

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t
Bromide (Br)	0,05 %
Phosphate (PO ₄)	0,003 %
Sulphate (SO ₄)	0,01 %
Water (H ₂ O)	51,0-55,0 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
Al	0,0001 %
As	0,0002 %
Ca	0,1 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141396.1209	250 g	6
141396.1210	500 g	6
141396.1211	1000 g	6
141396.0914	5 kg	4
141396.0416	25 kg	

Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX

MgCl₂·6H₂O

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	98,0-101,0%
Identity according to Pharmacopoeias	p/t
pH of 5% solution	4,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	0,005 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t
Bromide (Br)	0,05 %
Sulphate (SO ₄)	0,005 %
Water (H ₂ O)	51,0-55,0 %
Heavy metals (as Pb)	0,001 %
Al	0,0001 %
As	0,0002 %
Ba	p/t
Ca	0,01 %
K	0,05 %
Fe	0,001 %

Order code	Package	Units/Box st.
191396.1211	1000 g	6
191396.0914	5 kg	
191396.0416	25 kg	

M

Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO

MgCl₂·6H₂O

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (MgCl ₂ ·6H ₂ O)	99,0-105,0%
Appearance	p/t
Identity:	
Chloride	p/t
Magnesium	p/t
Ammonium, not more than	0,005 %
Sulphate, not more than	0,03 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	4 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009	

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201396.0914	5 kg	
201396.0416	25 kg	

Magnesium Chloride 6-hydrate QP

MgCl₂·6H₂O

M: 203,30 CAS: 7791-18-6 EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (Compl.)	98,0-104,0%
Ammonium (NH ₄)	0,01 %
As	0,0003 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211396.0914	5 kg	
211396.0416	25 kg	

Magnesium Chloride ~50% MgCl₂ powder QP

MgCl₂·xH₂O

M: 95,25(anh.) EINECS: 232-094-6 NC: 2827 31 00

SPECIFICATIONS:

Assay (as MgCl ₂)(Compl.)	50 %
Ammonium (NH ₄)	0,01 %
As	0,0003 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
211794.1210	500 g	6
211794.1211	1000 g	6
211794.1214	5 kg	4
211794.0416	25 kg	

Magnesium Citrate tri-Basic

(see tri-Magnesium di-Citrate 9-hydrate)

tri-Magnesium di-Citrate 9-hydrate PRS

C₁₂H₁₀Mg₃O₁₄·9H₂O

M: 613,30 CAS: 3344-18-1 EINECS: 222-093-9 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Compl.)	95 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,003 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141354.1210	500 g	6
141354.1211	1000 g	6
141354.0914	5 kg	
141354.0416	25 kg	

Magnesium Fluoride PA

MgF₂

M: 62,30 CAS: 7783-40-6 EINECS: 231-995-1 NC: 2826 19 90

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Acidity (as HF)	0,05 %
Carbonate	p/t
Sulphate (SO ₄)	0,05 %
Heavy metals (as Pb)	0,005 %
Cu	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
122360.1210	500 g	6
122360.0914	5 kg	

Magnesium Fluoride PRS

MgF₂

M: 62,30 CAS: 7783-40-6 EINECS: 231-995-1 NC: 2826 19 90

SPECIFICATIONS:

Sulphate (SO ₄)	0,1 %
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
142360.1210	500 g	6
142360.1211	1000 g	6

Magnesium Hydrogen Phosphate 3-hydrate PRS

MgHPO₄·3H₂O

M: 174,34 CAS: 7782-75-4 EINECS: 231-823-5 NC: 2835 29 90

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,5 %
As	0,0001 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141927.1210	500 g	6

Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO

MgHPO₄·3H₂O

M: 174,34 CAS: 7782-75-4 EINECS: 231-823-5 NC: 2835 29 90

SPECIFICATIONS:

Assay (as Mg ₂ P ₂ O ₇) a.i.s., not less than	96,0 %
Appearance	p/t
Identity:	
Phosphate	p/t
Magnesium	p/t
MgO content, a.a.s.	33,0 %
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Loss on ignition	29,0-36,0 %
Lead, not more than	2 ppm
Cadmium, not more than	1 ppm
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201927.0416	25 kg	

Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX

Mg(OH)₂

M: 58,33 CAS: 1309-42-8 EINECS: 215-170-3 NC: 2816 10 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	95,0-100,5%
Identity according to Pharmacopoeias	p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in CH ₃ COOH	0,1 %
Soluble substances in H ₂ O	2,0 %
Loss on ignition at 900°C	30,0-32,5 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,1 %
Sulphate (SO ₄)	0,5 %
Heavy metals (as Pb)	0,003 %
As	0,0004 %
Ca	1,5 %
Fe	0,07 %

Order code	Package	Units/Box st.
141840.1211	1000 g	6
141840.1214	5 kg	4
141840.0416	25 kg	

Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO

(MgCO₃)_x·Mg(OH)₂·5H₂O

M: 485,62 CAS: 39409-82-0 EINECS: 235-192-7 NC: 2836 99 11

SPECIFICATIONS:

Assay (as MgO)	40,0-43,5 %
Acid-insoluble substances, not more than	0,05 %
Lead, not more than	10 ppm
Soluble matter in H ₂ O, not more than	1,0 %
Calcium, not more than	1,0 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Specifications Dir. 2008/84/EC	

Order code	Package	Units/Box st.
201395.0914	5 kg	
201395.0416	25 kg	

Magnesium Hydroxide Carbonate 5-hydrate QP

(MgCO₃)_x.Mg(OH)₂.5H₂O

M: 485,62 CAS: 39409-82-0 EINECS: 235-192-7 NC: 2836 99 11

SPECIFICATIONS:

Assay (as MgO)(Compl.)	40-45 %
Insoluble matter in H ₂ SO ₄	0,1 %
Sulphur compounds (as SO ₄)	0,2 %
Chloride (Cl)	0,1 %

Order code	Package	Units/Box st.
211395.1209	250 g	6
211395.1210	500 g	6
211395.0914	5 kg	
211395.0416	25 kg	

Magnesium Molybdate 5-hydrate PRS

MgMoO₄.5H₂O

M: 274,33 CAS: 12013-21-7 EINECS: 234-581-9 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.)	98 %
Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,1 %
Fe	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141401.1208	100 g	6
141401.1214	5 kg	4
141401.0416	25 kg	

Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS

Mg(NO₃)₂.6H₂O

M: 256,41 CAS: 13446-18-9 EINECS: 233-826-7 NC: 2834 29 80 UN: 1474

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
pH of 5% solution	5,0-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,003 %
Acidity (as HNO ₃)	0,005 %
Alkalinity (as MgO)	0,001 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Sulphate (SO ₄)	0,002 %
Ammonium (NH ₄)	0,003 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Na	50
Al	5	Fe	2	Ni	5
Ba	20	Ga	10	Pb	5
Be	5	Ge	5	Sb	5
Ca	100	K	50	Si	5
Co	5	Mn	5	Sr	20
Cr	5	Mo	5	Ti	5

Order code	Package	Units/Box st.
131402.1210	500 g	6
131402.1211	1000 g	6
131402.0914	5 kg	
131402.0416	25 kg	

Magnesium Nitrate 6-hydrate PRS

Mg(NO₃)₂.6H₂O

M: 256,41 CAS: 13446-18-9 EINECS: 233-826-7 NC: 2834 29 80 UN: 1474

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	4,0-8,5
Insoluble matter in H ₂ O	0,025 %
Acidity (as HNO ₃)	0,01 %
Alkalinity (as MgO)	0,005 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,01 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,001 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141402.1210	500 g	6
141402.1211	1000 g	6
141402.0914	5 kg	
141402.0416	25 kg	

Magnesium Oxide light (RFE, BP, Ph. Eur.)

PRS-CODEX

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (Compl.) calc. a.i.s	98,0-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in CH ₃ COOH	0,1 %
Soluble matter in H ₂ O	2,0 %
Loss on ignition at 900°C	8,0 %
Residual solvents (Ph.Eur./USP)	p/t.
Chloride (Cl)	0,15 %
Sulphate (SO ₄)	1,0 %
Heavy metals (as Pb)	0,003 %
As	0,0004 %
Ca	1,5 %
Fe	0,1 %

Order code	Package	Units/Box st.
141276.1211	1000 g	4
141276.0416	25 kg	

Magnesium Oxide (F.C.C.) ADITIO

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (MgO) after ignition	98,0-100,5 %
Acid-insoluble substances, not more than	0,1 %
Free Alkalis and soluble salts	p/t.
Calcium Oxide, not more than	1,5 %
Lead, not more than	4 ppm
Loss on Ignition, not more than	10,0 %
Arsenic, not more than	3 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201276.0914	5 kg	
201276.0416	25 kg	

Magnesium Oxide QP

MgO

M: 40,30 CAS: 1309-48-4 EINECS: 215-171-9 NC: 2519 90 10

SPECIFICATIONS:

Assay (Compl.)	90 %
Insoluble matter in HCl	0,2 %
Sulphur compounds (as SO ₄)	0,2 %
Chloride (Cl)	0,2 %

Order code	Package	Units/Box st.
211276.1209	250 g	6
211276.1210	500 g	6
211276.0914	5 kg	
211276.0416	25 kg	

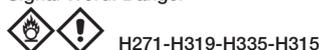
Magnesium Perchlorate hydrate (desiccant) PA-ACS

Mg(ClO₄)₂

M: 223,21 CAS: 64010-42-0 EINECS: 233-108-3 NC: 2829 90 10 UN: 1475

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



SPECIFICATIONS:

Suitability for moisture absorption	p/t.
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MAXIMUM LIMIT OF IMPURITIES

Acidity	0,005 meq/g
Alkalinity	0,025 meq/g
Loss on drying at 190°C	8 %

Order code	Package	Units/Box st.
136064.1208	100 g	6
136064.1210	500 g	6

Magnesium Phosphate di-Basic

(see Magnesium Hydrogen Phosphate 3-hydrate)

Magnesium Phosphate tri-Basic

(see tri-Magnesium di-Phosphate 5-hydrate)

tri-Magnesium di-Phosphate 5-hydrate PRS

Mg₃(PO₄)₂.5H₂O

M: 352,93 CAS: 10233-87-1 EINECS: 231-824-0 NC: 2835 29 90

SPECIFICATIONS:

Assay (Compl.)	98,0 %
Insoluble matter in HCl	0,1 %
Chloride (Cl)	0,15 %
Nitrate (NO ₃)	p/t.
Sulphate (SO ₄)	0,5 %
As	0,0003 %
Ba	p/t.
Ca	p/t.
Cu	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141399.1209	250 g	6
141399.0914	5 kg	

M

tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO

Mg₃(PO₄)₂·5H₂O

M: 352,93 CAS: 10233-87-1 EINECS: 231-824-0 NC: 2835 29 90

SPECIFICATIONS:

Assay (as Mg₃(PO₄)₂) calc. on the ignited basis 98,0-101,5%
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 10 ppm
 Loss on heating 20,0-27,0 %
 Lead, not more than 2 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201399.0914	5 kg	
201399.0416	25 kg	

Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX

Mg(C₁₈H₃₅O₂)₂

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Mg)(Compl.)calc. a.d.s 4,0-5,0 %
 Minimum assay (G.C. as methyl ester) 90,0 %
 Minimum assay (G.C. as methyl ester) (stearic acid) 40,0 %
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C 6,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Appearance of solut. of the fatty acids p/t
 Acidity or alkalinity p/t
 Acid value of the fatty acids 195-210
 Chloride (Cl) 0,1 %
 Sulphate (SO₄) 0,3 %
 Heavy metals (as Pb) 0,002 %
 Total aerobic microbial count (TAMC) 1000 cfu/g
 Total combined yeast and moulds (TYMC) 100 cfu/g
 Escherichia coli absence/g
 Salmonella absence/10 g
 Cd 0,0003 %
 Pb 0,001 %
 Ni 0,0005 %

Order code	Package	Units/Box st.
142029.1211	1000 g	6

Magnesium Stearate (E-470b, F.C.C.) ADITIO

Mg(C₁₈H₃₅O₂)₂

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as MgO) 6,8-8,3 %
 Assay on anhyd. subst., not less than 95 %
 Free alkali (as MgO), not more than 0,1 %
 Unsaponifiable matter, not more than 2 %
 Free fat acids (as oleic ac.), not more than 3 %
 Heavy metals (as Pb), not more than 10 ppm
 Arsenic, not more than 3 ppm
 Cadmium, not more than 1 ppm
 Lead, not more than 5 ppm
 Mercury, not more than 1 ppm
 Loss on drying, not more than 4,0 %
 Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
202029.0914	5 kg	
202029.0416	25 kg	

Magnesium Stearate QP

Mg(C₁₈H₃₅O₂)₂

M: 591,27 CAS: 557-04-0 EINECS: 209-150-3 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Mg)(Compl.) 3,8-5,0 %
 Loss on drying at 105°C 6 %

Order code	Package	Units/Box st.
212029.1210	500 g	6
212029.1211	1000 g	6

Magnesium Sulphate anhydrous QP

MgSO₄

M: 120,37 CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) 96 %

Order code	Package	Units/Box st.
212486.1211	1000 g	6
212486.1214	5 kg	4
212486.0416	25 kg	

Magnesium Sulphate 7-hydrate PA-ACS

MgSO₄·7H₂O

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%
 pH of 5% solution 5,0-8,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Chloride (Cl) 0,0005 %
 Phosphate (PO₄) 0,001 %
 Nitrate (NO₃) 0,001 %
 Ammonium (NH₄) 0,002 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Ni	5
Al	5	Fe	5	Pb	5
Au	5	Ga	5	Sb	5
B	5	Ge	5	Se	5
Be	5	In	5	Si	5
Bi	5	K	50	Sn	5
Ca	40	Li	5	Sr	50
Cd	5	Mn	5	Ti	5
Co	5	Mo	5	Zn	5
Cr	5	Na	50	Zr	5

Order code	Package	Units/Box st.
131404.1210	500 g	6
131404.1211	1000 g	6
131404.0914	5 kg	4
131404.0416	25 kg	

Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

MgSO₄·7H₂O

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s 99,0-100,5%
 Identity according to Pharmacopoeias p/t
 pH of 5% solution 5,0-9,2

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 450°C 48,0-52,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity and alkalinity p/t
 Chloride (Cl) 0,014 %
 Phosphate (PO₄) 0,002 %
 Ammonium (NH₄) 0,005 %
 Heavy metals (as Pb) 0,001 %
 As 0,0002 %
 Fe 0,002 %
 Se 0,003 %

Order code	Package	Units/Box st.
141404.1210	500 g	6
141404.1211	1000 g	6
141404.0914	5 kg	4
141404.0416	25 kg	

Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO

MgSO₄·7H₂O

M: 246,48 CAS: 10034-99-8 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (MgSO₄) after ignition, not less than 99,5 %
 Appearance p/t
 Identity:
 Sulphate p/t
 Magnesium p/t
 Loss on ignition 40,0-52,0 %
 Selenium, not more than 0,003 %
 Lead, not more than 4 ppm
 Specifications F.C.C. 6
 "For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201404.1214	5 kg	
201404.0416	25 kg	

Magnesium Sulphate 75% extrady, powder PRS

MgSO₄·xH₂O

M: 120,36(anh) CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) 72,0-80,0 %
 Insoluble matter in H₂O p/t
 Loss on drying at 450°C 20-28 %
 Acidity and alkalinity p/t
 Chloride (Cl) 0,05 %
 Heavy metals (as Pb) 0,0015 %
 As 0,0003 %
 Ca 0,05 %
 Fe 0,003 %

Order code	Package	Units/Box st.
141878.1214	5 kg	4
141878.0416	25 kg	

Magnesium Sulphate 65% dry, powder (BP)

PRS-CODEX

MgSO₄·xH₂O

M: 120,36(anh) CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

SPECIFICATIONS:

Assay (Compl.) calc. a.d.s. 99,0-100,5%
 Appearance p/t
 Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t
 Loss on drying at 450°C 30,0-38,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity and alkalinity p/t
 Chloride (Cl) 0,04 %
 Heavy metals (as Pb) 0,0015 %
 As 0,0003 %
 Ca 0,05 %
 Fe 0,003 %

Order code	Package	Units/Box st.
141673.1214	5 kg	4
141673.0416	25 kg	

Magnesium Sulphate 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T

MgSO₄

M: 120,37 CAS: 7487-88-9 EINECS: 231-298-2 NC: 2833 21 00

1l-1,014kg 1kg-0,986l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
181405.1211	1000 ml	6

Magnesium Trisilicate x-hydrate (USP) PRS-CODEX

2MgO·3SiO₂·xH₂O

M: 260,86(anh) CAS: 39365-87-2 EINECS: 239-076-7 NC: 2839 90 90

SPECIFICATIONS:

Minimum assay (MgO) 20,0 %
 Minimum assay (SiO₂) 45,0 %
 Ratio SiO₂-MgO 2,10-2,37
 Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) p/t
 Acid consuming capacity p/t
 Alkalinity p/t
 Soluble salts 1,5 %
 Loss on ignition at 900°C 17,0-34,0 %
 Chloride (Cl) 0,055 %
 Sulphate (SO₄) 0,5 %
 Heavy metals (as Pb) 0,003 %
 As 0,0008 %

Order code	Package	Units/Box st.
141796.1210	500 g	6
141796.1211	1000 g	6
141796.0914	5 kg	
141796.0416	25 kg	

Magneson I PA

Mg reagent

C₁₂H₉N₃O₄

M: 259,23 CAS: 74-39-5 EINECS: 200-808-5 NC: 3822 00 00

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in NaOH 0,01 mol/l 449-455 nm
 A 1%, 1 cm, λ_{max} ≥1950
 T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 5 %
 Sensitivity to Mg p/t

Order code	Package	Units/Box st.
122361.1605	10 g	6

Malachite Green G

(see Brilliant Green)

Malachite Oxalate Green (C.I. 42000) DC

for microscopy, cytoplasm of vegetal cells staining

C₂₂H₅₄N₄O₁₂

M: 927,02 CAS: 2437-29-8 EINECS: 219-441-7 NC: 3204 13 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H318-H361d-H410-H302

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in H₂O 616-620 nm
 A 1%, 1 cm, λ_{max} >1450
 Ratio λ_{max}. P ± 15 nm 1,00-1,15
 T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 7 %

Order code	Package	Units/Box st.
251761.1606	25 g	6
251761.1608	100 g	6

Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX

HOOCCHCHCOOH

M: 116,07 CAS: 110-16-7 EINECS: 203-742-5 NC: 2917 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H319-H335-H315-H317

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-101,0%
 Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t
 Fumaric Acid p/t
 Water (H₂O) 1,5 %
 Heavy metals (as Pb) 0,001 %
 Fe 0,0005 %

Order code	Package	Units/Box st.
141882.1210	500 g	6
141882.1211	1000 g	6
141882.1214	5 kg	
141882.0416	25 kg	

Maleic Acid, 99% PS

HOOCCHCHCOOH

M: 116,07 CAS: 110-16-7 EINECS: 203-742-5 NC: 2917 19 90 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H302-H319-H335-H315-H317

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t

Order code	Package	Units/Box st.
151882.1209	250 g	6
151882.1211	1000 g	6

Maleic Anhydride, 98% PS

COCHCHCOO

M: 98,06 CAS: 108-31-6 EINECS: 203-571-6 NC: 2917 14 00 UN: 2215

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H334-H317

SPECIFICATIONS:

Minimum assay (Morpholine met.) 98 %
 Identity IR p/t
 Melting range 51-54°C

Order code	Package	Units/Box st.
15A713.1210	500 g	6
15A713.1211	1000 g	6
15A713.0914	5 kg	
15A713.0416	25 kg	

D(+)-Malic Acid, 99% PS

C₄H₆O₅

M: 134,08 CAS: 636-61-3 EINECS: 211-262-2 NC: 2918 19 85

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A914.1603	1 g	6
15A914.1604	5 g	6

DL-Malic Acid (USP-NF) PRS-CODEX

C₄H₆O₅

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t
 Melting range 128-131°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,1 %
 Residue on ignition (as SO₄) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t
 Fumaric Acid 1,0 %
 Maleic Acid 0,05 %
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,02 %
 Heavy metals (as Pb) 0,002 %
 As 0,0001 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
142051.1210	500 g	6
142051.1211	1000 g	6
142051.0914	5 kg	

DL-Malic Acid (E-296, F.C.C.) ADITIO

C₄H₆O₅

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C₄H₆O₅) 99,0-100,5%
 Appearance p/t
 Identity:
 IR spectrum p/t
 Malate p/t
 Melting range 127-132°C
 Specific rotation inactive
 Heavy metals (as Pb), not more than 0,001 %
 Fumaric Acid, not more than 1,0 %
 Maleic Acid, not more than 0,05 %
 Residue on ignition, not more than 0,1 %
 Insoluble matter in H₂O, not more than 0,1 %
 Specific rotation -0,10 to +0,10°
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 2 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202051.0914	5 kg	

DL-Malic Acid, 99% PS

C₄H₆O₅

M: 134,09 CAS: 617-48-1 EINECS: 210-514-9 NC: 2918 19 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t

Order code	Package	Units/Box st.
152051.1209	250 g	6
152051.1211	1000 g	6

Malo-Lactic Kit VINIKIT

kit for checking Malo-Lactic fermentation by T.L.C.

(see Eluent for Malo-Lactic Kit)

NC: 3822 00 00 UN: 3316

IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915

Signal Word: Danger



H225

Comprised of:

1 small spoon
 2x100 ml of eluent
 50 microplates
 2x5 ml of standard solution
 3 screw cap tubes
 10 g of resin
 1 development chamber
 1 auxiliar for micropipette
 50 micropipettes
 1 spotting guide
 3 pasteur pipettes
 1 instructions sheet

Order code	Package	Units/Box st.
625079.2122	pack	6

Malonamide, 99% PS

C₃H₄N₂O₂

M: 102,09 CAS: 108-13-4 EINECS: 203-553-8 NC: 2924 19 00

SPECIFICATIONS:

Assay 99 %
 Identity IR p/t
 Melting range 168-172,5°C

Order code	Package	Units/Box st.
15B699.1207	50 g	6
15B699.1209	250 g	6

Malonic Acid Diamide

(see Malonamide)

Malt Extract (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds

NC: 3504 00 00

SPECIFICATIONS:

pH of 5% solution 4,5-6,0
 Loss on drying at 105°C 6 %
 Residue on ignition (as SO₄) 4 %

Order code	Package	Units/Box st.
403690.1210	500 g	6
403690.0914	5 kg	
403690.0416	25 kg	

Maltose 1-hydrate PRS

C₁₂H₂₂O₁₁·H₂O

M: 360,32 CAS: 6363-53-7 EINECS: 200-716-5 NC: 1702 90 10

SPECIFICATIONS:

Insoluble matter in H₂O 0,01 %
 Residue on ignition (as SO₄) 0,05 %
 Acidity (as CH₃COOH) 0,01 %
 Chloride (Cl) 0,005 %
 Sulphate and Sulphite (as SO₄) 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141797.1208	100 g	6
141797.1209	250 g	6
141797.1210	500 g	6
141797.0914	5 kg	

DL-Mandelic Acid, 99% PS

C₈H₈CH(OH)COOH

M: 152,15 CAS: 611-72-3 EINECS: 210-277-1 NC: 2918 19 85

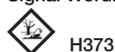
SPECIFICATIONS:

Minimum assay 99 %
 Appearance p/t
 Melting range 118-120°C

Order code	Package	Units/Box st.
15B144.1608	100 g	6
15B144.1610	500 g	6

Manganese metal, small sheets PRS

Mn
M: 54,94 CAS: 7439-96-5 EINECS: 231-105-1 NC: 8110 90 00
 Signal Word: Warning



SPECIFICATIONS:

Assay	99 %
Ca	0,05 %
Cu	0,05 %
Fe	0,01 %
K	0,01 %
Mg	0,05 %
Na	0,01 %
Ni	0,005 %
Pb	0,01 %
Zn	0,1 %

Order code	Package	Units/Box st.
142977.1209	250 g	6

MANGANESE SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Manganese(II) Acetate 4-hydrate PA

Mn(CH₃COO)₂·4H₂O
M: 245,09 CAS: 6156-78-1 EINECS: 211-334-3 NC: 2915 29 00

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Ba	0,01 %
Ca	0,04 %
Cu	0,0005 %
Fe	0,001 %
K	0,01 %
Mg	0,04 %
Na	0,01 %
Ni	0,0005 %
Pb	0,001 %
Zn	0,002 %

Order code	Package	Units/Box st.
121407.1210	500 g	6
121407.0914	5 kg	

Manganese(II) Acetate 4-hydrate PRS

Mn(CH₃COO)₂·4H₂O
M: 245,09 CAS: 6156-78-1 EINECS: 211-334-3 NC: 2915 29 00

SPECIFICATIONS:
 Assay (Compl.) 98,5 %
 Insoluble matter in H₂O 0,025 %
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,05 %
 Fe 0,005 %

Order code	Package	Units/Box st.
141407.1210	500 g	6
141407.0914	5 kg	

Manganese(II) Carbonate x-hydrate PRS

MnCO₃·xH₂O
M: 114,95(anh) CAS: 598-62-9 EINECS: 209-942-9 NC: 2836 99 17

SPECIFICATIONS:
 Assay (as Mn)(Compl.) 43-46 %
 Insoluble matter in HNO₃+H₂O 0,05 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,5 %
 Cu 0,01 %
 Fe 0,01 %
 Ni 0,05 %
 Pb 0,01 %
 Zn 0,02 %

Order code	Package	Units/Box st.
141409.1210	500 g	6
141409.1211	1000 g	6
141409.0914	5 kg	

Manganese(II) Chloride 4-hydrate PA-ACS

MnCl₂·4H₂O
M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85
 Signal Word: Warning



SPECIFICATIONS:
 Assay (Compl.) 98,0-101,0 %
 pH of 5% solution 3,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Oxidizing and reducing substances (as I)	0,0065 %
Non-precipitated substances by S(NH ₄) ₂	0,2 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Na	0,02 %
Ni	0,002 %
Pb	0,0005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131410.1210	500 g	6
131410.1211	1000 g	6
131410.1214	5 kg	4
131410.0416	25 kg	

Manganese(II) Chloride 4-hydrate PRS

MnCl₂·4H₂O
M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85
 Signal Word: Warning



SPECIFICATIONS:
 Assay (Compl.) 98-102 %
 pH of 5% solution 3,5-6,0
 Insoluble matter in H₂O 0,025 %
 Sulphate (SO₄) 0,025 %
 Ca 0,1 %
 Cu 0,002 %
 Fe 0,003 %
 Pb 0,002 %
 Zn 0,02 %

Order code	Package	Units/Box st.
141410.1210	500 g	6
141410.1211	1000 g	6
141410.1214	5 kg	4
141410.0416	25 kg	

Manganese(II) Chloride 4-hydrate (USP) CODEX

MnCl₂·4H₂O
M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85
 Signal Word: Warning



SPECIFICATIONS:
 Assay (Compl.) calc. applied anh. subst. 98,0-101,0 %
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 3,5-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 150°C	36,0-38,5 %
Non-precipitated substances by S(NH ₄) ₂ (as SO ₄)	0,2 %
Residual solvents (Ph.Eur./USP)	p/t.
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
Fe	0,0005 %
Zn	p/t.

Order code	Package	Units/Box st.
191410.1211	1000 g	6
191410.0416	25 kg	

Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO

MnCl₂·4H₂O
M: 197,91 CAS: 13446-34-9 EINECS: 231-869-6 NC: 2827 39 85
 Signal Word: Warning



SPECIFICATIONS:
 Assay (MnCl₂·4H₂O) 98,0-102,0 %
 pH of 5% solution 4,0-6,0
 Substances not precipitated by S(NH₄)₂, not more than 0,2 %
 Insoluble matter in H₂O, not more than 0,005 %
 Heavy metals (as Pb), not more than 10 ppm
 Iron, not more than 0,0005 %
 Sulphate (SO₄), not more than 0,005 %
 Lead, not more than 4 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201410.0416	25 kg	

M

Manganese Dioxide

(see Manganese(IV) Oxide)

Manganese(II) Lactate 3-hydrate PRS

$C_6H_{10}MnO_6 \cdot 3H_2O$

M: 287,13 CAS: 6505-50-6 NC: 2918 11 00

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	≥5,2
Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,05 %
Cu	0,005 %
Fe	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141412.1210	500 g	6

Manganese(II) Nitrate 4-hydrate PA

$Mn(NO_3)_2 \cdot 4H_2O$

M: 251,01 CAS: 20694-39-7 EINECS: 233-828-8 NC: 2834 29 80 UN: 2724

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

SPECIFICATIONS:

Minimum assay (Compl.) 98 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %
Ammonium (NH ₄)	0,05 %
Ca	0,005 %
Cd	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,002 %
Pb	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
123224.1210	500 g	6
123224.1214	5 kg	4
123224.0416	25 kg	

Manganese(II) Nitrate 4-hydrate PRS

$Mn(NO_3)_2 \cdot 4H_2O$

M: 251,01 CAS: 20694-39-7 EINECS: 233-828-8 NC: 2834 29 80 UN: 2724

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

SPECIFICATIONS:

Assay (Compl.)	97 %
Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %
Ammonium (NH ₄)	0,1 %
Ca	0,005 %
Cd	0,002 %
Cu	0,002 %
Fe	0,005 %
K	0,01 %
Mg	0,01 %
Na	0,01 %
Ni	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
143224.1210	500 g	6
143224.1211	1000 g	6
143224.1214	5 kg	4
143224.0416	25 kg	

Manganese(II) Oxide PRS

MnO

M: 70,94 CAS: 1344-43-0 EINECS: 215-695-8 NC: 2820 90 90

Signal Word: Warning



H332-H312-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	99 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,005 %
Cd	0,0005 %
Cu	0,0005 %
Fe	0,01 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,02 %
Pb	0,002 %
Zn	0,005 %

Order code	Package	Units/Box st.
144894.1211	1000 g	6

Manganese(IV) Oxide QP

MnO₂

M: 86,94 CAS: 1313-13-9 EINECS: 215-202-6 NC: 2820 10 00 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Perm.) 60 %

Order code	Package	Units/Box st.
211408.1210	500 g	6
211408.1211	1000 g	6
211408.1214	5 kg	4
211408.0416	25 kg	

Manganese(IV) Oxide precipitated PRS

MnO₂

M: 86,94 CAS: 1313-13-9 EINECS: 215-202-6 NC: 2820 10 00 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Assay (Perm.)	90 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,1 %

Order code	Package	Units/Box st.
142367.1208	100 g	6
142367.1210	500 g	6

Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

MnSO₄·H₂O

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 90 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay (Compl.) 98,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on ignition	10,0-12,0 %
Reducing substances to KMnO ₄ (as O)	0,0005 %
Chloride (Cl)	0,005 %
Heavy metals (as Pb)	0,002 %
Ca	0,005 %
Cu	0,0005 %
Fe	0,002 %
K	0,01 %
Mg	0,005 %
Na	0,05 %
Ni	0,02 %
Pb	0,001 %
Zn	0,005 %

Order code	Package	Units/Box st.
131413.1210	500 g	6
131413.1211	1000 g	6
131413.1214	5 kg	4
131413.0416	25 kg	

Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX

MnSO₄·H₂O

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 80 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s. 99,0-100,5%

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	0,025 %
Loss on ignition	10,0-12,0 %
Non-precipit. substances by S(NH ₄) ₂	0,5 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,0100 %
Heavy metals (as Pb)	0,002 %
As	0,0004 %
Cu	0,003 %
Fe	0,0010 %
Pb	0,003 %
Zn	0,0050 %

Order code	Package	Units/Box st.
141413.1210	500 g	6
141413.1211	1000 g	6
141413.1214	5 kg	4
141413.0416	25 kg	

Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO

MnSO₄·H₂O

M: 169,01 CAS: 10034-96-5 EINECS: 232-089-9 NC: 2833 29 90 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H373-H411

SPECIFICATIONS:

Assay (MnSO ₄ ·H ₂ O)	98,0-102,0%
Appearance	p/t
Identity:	
Sulphate	p/t
Manganese	p/t
Lead, not more than	4 ppm
Selenium, not more than	0,003 %
Loss on ignition	10,0-13,0 %
Arsenic, not more than	3 ppm

Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201413.1214	5 kg	4
201413.0416	25 kg	

Manganic

(see Manganese(IV) compounds)

Manganous

(see Manganese(II) compounds)

D-Mannite

(see D-(-)-Mannitol)

D(-)-Mannitol PA-ACS

C₆H₁₂O₆

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Minimum assay (G.C.)	98,0 %
Identity	IR p/t
Melting range	165-168°C
Specific rotation [α] _D ²⁰ c=10 (in B ₂ O ₃ ·Na ₂ ·10H ₂ O 13%)	+23,3 to +24,3°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Loss on drying at 105°C	0,05 %
Residue on ignition (as SO ₃)	0,01 %
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0008 meq/g
D(-)-Sorbitol (G.C.)	1 %
Reducing sugars (as C ₆ H ₁₂ O ₆)	0,05 %
Chloride (Cl)	0,0025 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0001 %
Pb	0,00005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
132067.1210	500 g	6
132067.1211	1000 g	6
132067.0914	5 kg	

D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₁₂O₆

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Assay (calc. a.d.s.)	98,0-101,5%
Identity according to Pharmacopoeias	p/t
Melting range	165-168°C
Specific rotation [α] _D ²⁰ c=10 (in B ₂ O ₃ ·Na ₂ ·10H ₂ O 13%)	+23,0 to +25,0°
Specific rotation [α] _D ²⁵ c=1 (in (NH ₄) ₂ Mo ₇ O ₂₄ ·4H ₂ O 4%)	+137 to +145°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	0,01 %
Conductivity at 20°C (c=20% w/v in H ₂ O)	20 μS.cm ⁻¹
Loss on drying at 105°C	0,2 %
Residue on ignition (as SO ₃)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0008 meq/g
Alkalinity	0,006 meq/g
D(-)-Sorbitol (G.C.)	2,0 %
Reducing sugars (as C ₆ H ₁₂ O ₆)	0,05 %
Water (H ₂ O)	0,5 %
Related substances	p/t
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Heavy metals (as Pb)	0,0005 %
As	0,0001 %
Ni	0,0001 %
Pb	0,00005 %

Order code	Package	Units/Box st.
142067.1210	500 g	6
142067.1211	1000 g	6
142067.0914	5 kg	

D(-)-Mannitol (E-421, F.C.C.) ADITIO

C₆H₁₂O₆

M: 182,17 CAS: 69-65-8 EINECS: 200-711-8 NC: 2905 43 00

SPECIFICATIONS:

Assay (as C ₆ H ₁₂ O ₆) a.d.s.	98,0-101,5%
Arsenic (as As), not more than	3 ppm
Chloride, not more than	0,007 %
Nickel, not more than	1 ppm
Loss on drying, not more than	0,3 %
pH 10% solution	5-7,5
Residue on ignition, not more than	0,1 %
Melting range	164-169°C
D(-)-Arabitol, not more than	0,3 %
Reducing sugars (as Glucose), not more than	0,3 %
Total sugars (as Glucose), not more than	1,0 %
Specific rotation [α] _D ²⁰	+23 a +25°
Sulphate, not more than	0,01 %
Lead, not more than	1 ppm

Microbial contamination:

Mesophilic aerobic bacterias	10 ⁶ cfu/g
Total coliforms	absence/10 g
Salmonella	absence/10 g
Escherichia coli	absence/10 g
Staphylococcus aureus	absence/10 g
Pseudomonas aeruginosa	absence/10 g
Fungi	100 cfu/g
Yeast	100 cfu/g

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202067.0914	5 kg	
202067.0416	25 kg	

MATRIX MODIFIERS FOR ATOMIC ABSORPTION

Lanthanum Matrix Modifier RE

(La₂O₃ in HCl) for atomic absorption

NC: 3822 00 00

1l-1,010kg 1kg-0,990l

SPECIFICATIONS:

Metals by ICP [mg/Kg (ppm)]

Al	1	Cu	1	Mn	1
Ca	1	Fe	1	Ni	1
Cd	1	Mg	1	Pb	1
				Zn	1

Order code	Package	Units/Box st.
176166.1208	100 ml	6

Magnesium Matrix Modifier RE

[Mg=10±0,2 g/l (Mg(NO₃)₂·6H₂O in HNO₃ 17%)] for atomic absorption

NC: 3822 00 00 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Ag	0,002 ppm
As	0,01 ppm
Cd	0,001 ppm
Pb	0,02 ppm
Se	0,1 ppm
Tl	0,01 ppm

Order code	Package	Units/Box st.
176170.1208	100 ml	6

Phosphate Matrix Modifier RE

(NH₄)₂HPO₄ 100±2 g/l in H₂O for atomic absorption

(NH₄)₂HPO₄

M: 115,03 CAS: 7722-76-1 EINECS: 231-764-5 NC: 3105 40 00

1l-1,052kg 1kg-0,951l

SPECIFICATIONS:

Assay (as (NH₄)₂HPO₄) (p/v)
 9,8-10,2 % |

Order code	Package	Units/Box st.
176169.1208	100 ml	6

Mayer's Hematoxylin solution DC

for cytology

NC: 3822 00 00

Signal Word: Warning



H302

1l-1,040kg 1kg-0,961l

Composition:

Hematoxylin	1,0 g
Aluminium Potassium Sulphate 12-hydrate	50 g
Sodium Iodate	0,2 g
Chloral hydrate	50 g
Citric Acid anhydrous	1 g
Water	1000 ml

Order code	Package	Units/Box st.
254766.1610	500 ml	6
254766.1611	1000 ml	6

M

May Grünwald-Giemsa, Kit of

(see: Immersion Oil, Azur-Eosin-Methylene Blue solution according to Giemsa (slow), Eosin-Methylene Blue solution according to May-Grünwald, Buffer Solution pH 7,2)

May Grünwald's solution

(see Eosin-Methylene Blue solution according to May Grünwald)

May Grünwald's stain

(see Eosin-Methylene Blue dye according to May Grünwald)

MBTFA

(see N-Methyl-Bis (Trifluoroacetamide))

Meat Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7
 Loss on drying at 105°C 6 %
 Residue on ignition (as SO₄) 16 %
 Nitrogen, total ≥10 %

Order code	Package	Units/Box st.
403692.1210	500 g	6
403692.0914	5 kg	
403692.0416	25 kg	

Meat Peptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5
 Loss on drying at 105°C 6 %
 Residue on ignition (as SO₄) 15 %
 Total Nitrogen ≥10 %

Order code	Package	Units/Box st.
403683.1210	500 g	6
403683.0914	5 kg	
403683.0416	25 kg	

Medium (prepared for Microbiology)

(see chapter CULTIMED products)

Melitose

(see D(+)-Raffinose 5-hydrate)

Menadione Sodium Disulphite 3-hydrate, 95% PS

C₁₁H₈NaO₅S · 3H₂O

M: 330,28 CAS: 57414-02-5 NC: 2914 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 95 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15B481.1208	100 g	6

L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₁₀H₂₀O

M: 156,27 CAS: 2216-51-5 EINECS: 218-690-9 NC: 2906 11 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity according to Pharmacopoeias p/t.
 Melting range 41-44°C
 Specific rotation [α]_D²⁰ c=10 (in C₂H₅OH) -48 to -51°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in C₂H₅OH p/t.
 Non-volatile matter 0,05 %
 Residual solvents (Ph.Eur./USP) p/t.
 Related substances p/t.
 Acidity or alkalinity p/t.

Order code	Package	Units/Box st.
142961.1608	100 g	6
142961.1610	500 g	6

L(-)-Menthol, 99% PS

C₁₀H₂₀O

M: 156,27 CAS: 2216-51-5 EINECS: 218-690-9 NC: 2906 11 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 41-44°C

Order code	Package	Units/Box st.
152961.1608	100 g	6
152961.1610	500 g	6

Merbromin

(see Mercurydibromofluorescein)

Mercaptoacetic Acid

(see Thioglycolic Acid 80%)

4-Mercaptofluorobenzene

(see 4-Fluorothiophenol)

Mercapturic Acid

(see N-Acetyl-L-Cysteine)

Mercuric

(see Mercury(II) compounds)

Mercurochrome

(see Mercurydibromofluorescein)

Mercurous

(see Mercury(I) compounds)

Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS

for polarography

Hg

M: 200,59 CAS: 7439-97-6 EINECS: 231-106-7 NC: 2805 40 90 UN: 2809

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 803 CAO: 803

Signal Word: Danger



H360D-H330-H372-H410

1l-13,534kg 1kg~0,074l

SPECIFICATIONS:

Appearance p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO₃ 0,002 %
 Residue after reduction 0,002 %
 Non-volatile matter 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,5	Cu 0,1	Ni 0,1
Al 1	Fe 0,5	Pb 0,1
Au 0,1	Ga 0,1	Pt 0,1
B 0,1	Ge 0,1	Sb 0,1
Ba 1	In 0,1	Se 0,1
Be 0,1	K 2	Sn 0,1
Bi 0,1	Li 0,1	Sr 0,1
Ca 5	Mg 0,5	Ti 0,1
Cd 0,1	Mn 0,1	Tl 0,1
Co 0,1	Mo 0,1	V 0,1
Cr 0,1	Na 5	Zn 0,5
		Zr 0,1

Order code	Package	Units/Box st.
131421.2209	250 g	6
131421.2211	1000 g	6

Mercury metal PRS

Hg

M: 200,59 CAS: 7439-97-6 EINECS: 231-106-7 NC: 2805 40 90 UN: 2809

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 803 CAO: 803

Signal Word: Danger



H360D-H330-H372-H410

1l-13,534kg 1kg~0,074l

SPECIFICATIONS:

Residue after reduction 0,05 %

Order code	Package	Units/Box st.
141421.2208	100 g	6
141421.2209	250 g	6
141421.2211	1000 g	6
141421.2214	5 kg	4

MERCURY SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Mercury Absorbent RE

NC: 3822 00 00 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H314-H410

SPECIFICATIONS:
 Suitability as mercury absorbent..... p/t.

Order code	Package	Units/Box st.
175126.1210	500 g	6

Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS

Hg(CH₃COO)₂
 M: 318,68 CAS: 1600-27-7 EINECS: 216-491-1 NC: 2915 29 00 UN: 1629
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H330-H310-H300-H373-H410

CE: 080-004-00-7
 SPECIFICATIONS:
 Minimum assay 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Residue after reduction.....	0,02 %
Chloride (Cl).....	0,005 %
Nitrate (NO ₃).....	0,005 %
Sulphate (SO ₄).....	0,005 %
Other heavy metals (as Pb).....	0,002 %
Ag.....	0,0005 %
Cd.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,001 %
Hg (I).....	0,4 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,001 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131417.1208	100 g	6
131417.1209	250 g	6
131417.1211	1000 g	6
131417.1214	5 kg	4

Mercury(II) Acetate PRS

Hg(CH₃COO)₂
 M: 318,68 CAS: 1600-27-7 EINECS: 216-491-1 NC: 2915 29 00 UN: 1629
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H330-H310-H300-H373-H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in H₂O..... 0,05 %
 Chloride (Cl)..... 0,025 %
 Sulphate (SO₄)..... 0,02 %
 Cu..... 0,005 %
 Fe..... 0,005 %
 Ni..... 0,005 %
 Pb..... 0,005 %

Order code	Package	Units/Box st.
141417.1208	100 g	6
141417.1209	250 g	6
141417.1211	1000 g	6
141417.1214	5 kg	4

Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS

HgBr₂
 M: 360,41 CAS: 7789-47-1 EINECS: 232-169-3 NC: 2827 59 00 UN: 1634
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H330-H310-H300-H373-H410

SPECIFICATIONS:
 Minimum assay (Comp.)..... 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH ₃ OH.....	0,05 %
Residue after reduction.....	0,02 %
Chloride (Cl).....	0,25 %

Order code	Package	Units/Box st.
131418.1208	100 g	6
131418.1209	250 g	6

Mercury(II) Bromide PRS

HgBr₂
 M: 360,41 CAS: 7789-47-1 EINECS: 232-169-3 NC: 2827 59 00 UN: 1634
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H330-H310-H300-H373-H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in CH₃OH..... 0,1 %
 Residue on ignition (as SO₂)..... 0,1 %

Order code	Package	Units/Box st.
141418.1208	100 g	6
141418.1209	250 g	6

Mercury(II) Chloride PA-ACS

HgCl₂
 M: 271,50 CAS: 7487-94-7 EINECS: 231-299-8 NC: 2827 39 85 UN: 1624
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H300-H314-H372-H361f-H341-H410

SPECIFICATIONS:
 Minimum assay (Compl.)..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Insoluble matter in C ₂ H ₅ OC ₂ H ₅	0,01 %
Residue after reduction.....	0,02 %
Nitrate (NO ₃).....	0,0005 %
Cu.....	0,001 %
Fe.....	0,002 %
K.....	0,005 %
Mg.....	0,001 %
Na.....	0,005 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
131419.1208	100 g	6
131419.1209	250 g	6
131419.1211	1000 g	6
131419.1214	5 kg	4

Mercury(II) Chloride PRS

HgCl₂
 M: 271,50 CAS: 7487-94-7 EINECS: 231-299-8 NC: 2827 39 85 UN: 1624
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H300-H314-H372-H361f-H341-H410

SPECIFICATIONS:
 Assay (Compl.) 99 %
 Insoluble matter in H₂O..... 0,025 %
 Residue after reduction..... 0,2 %
 Nitrate (NO₃)..... 0,005 %
 Cu..... 0,002 %
 Fe..... 0,005 %
 Mg..... 0,005 %
 Pb..... 0,002 %

Order code	Package	Units/Box st.
141419.1208	100 g	6
141419.1209	250 g	6
141419.1211	1000 g	6
141419.1214	5 kg	6

Mercurydibromofluorescein PRS

C₂₀H₈Br₂HgNa₂O₆
 M: 750,70 CAS: 129-16-8 EINECS: 204-933-6 NC: 3204 12 00 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger

H330-H310-H300-H373-H410

SPECIFICATIONS:
 Insoluble matter in H₂O..... 0,5 %
 Chloride (Cl)..... 0,1 %
 Sulphate (SO₄)..... 0,1 %
 Cu..... 0,005 %
 Fe..... 0,01 %
 Ni..... 0,005 %
 Pb..... 0,005 %

Order code	Package	Units/Box st.
142395.1608	100 g	6
142395.1610	500 g	6
142395.1214	5 kg	4

M

Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS

Hg₂

M: 454,40 CAS: 7774-29-0 EINECS: 231-873-8 NC: 2827 60 00 UN: 1638
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay cal. a.d.s. 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in IK..... p/t
Residue on ignition (as SO₂)..... 0,05 %
Soluble mercury salts (as Hg)..... 0,05 %
Cu..... 0,001 %
Hg(II)..... 0,1 %
Ni..... 0,001 %
Pb..... 0,001 %

Order code	Package	Units/Box st.
131428.1208	100 g	6

Mercury(II) Iodide red PA

Hg₂

M: 454,40 CAS: 7774-29-0 EINECS: 231-873-8 NC: 2827 60 00 UN: 1638
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay (Arg.)..... 99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in IK..... p/t
Residue on ignition (as SO₂)..... 0,05 %
Soluble mercury salts (as Hg)..... 0,05 %
Cu..... 0,001 %
Hg(II)..... 0,1 %
Ni..... 0,001 %
Pb..... 0,001 %

Order code	Package	Units/Box st.
121428.1208	100 g	6
121428.1209	250 g	6
121428.1211	1000 g	6
121428.1214	5 kg	6

Mercury(I) Nitrate 2-hydrate (ACS IX) PA-ACS

Hg₂(NO₃)₂·2H₂O

M: 561,22 CAS: 7782-86-7 EINECS: 233-886-4 NC: 2834 29 80 UN: 1627
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Minimum assay 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO₃..... 0,005 %
Residue after reduction 0,01 %
Chloride (Cl)..... 0,005 %
Sulphate (SO₄)..... 0,005 %
Heavy metals (as Pb)..... 0,002 %
Ca..... 0,005 %
Cd..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,001 %
Hg(II)..... 0,5 %
Ni..... 0,0005 %
Pb..... 0,0005 %
Zn..... 0,0005 %

Order code	Package	Units/Box st.
131423.1208	100 g	6
131423.1209	250 g	6
131423.1214	5 kg	6

Mercury(I) Nitrate 2-hydrate PRS

Hg₂(NO₃)₂·2H₂O

M: 561,22 CAS: 7782-86-7 EINECS: 233-886-4 NC: 2834 29 80 UN: 1627
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:

Assay 97 %
Residue after reduction 0,05 %
Chloride (Cl)..... 0,02 %
Sulphate (SO₄)..... 0,02 %
Cu..... 0,002 %
Fe..... 0,002 %
Hg(II)..... 2 %
Ni..... 0,002 %
Pb..... 0,002 %

Order code	Package	Units/Box st.
141423.1208	100 g	6
141423.1209	250 g	6
141423.1214	5 kg	6

MERCURY(II) NITRATE SOLUTIONS

Mercury(II) Nitrate solution 2% w/v RE

EINECS: 233-152-3 NC: 2834 29 80 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H331-H311-H301-H373-H412

1l-1,016kg 1kg-0,984l

Composition:

Mercury(II) Oxide yellow 1,32 g
Nitric Acid 60% 1,5 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
171422.1609	250 ml	6

Mercury(II) Nitrate 0,005 mol/l (0,01N) DC

for determination of chloride, according to Schales and Schales
Hg(NO₃)₂

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H332-H312-H302-H373

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
252138.1611	1000 ml	6

Mercury(II) Nitrate 0,005 mol/l (0,01N) SV

Indicator: Diphenylcarbazone mixed

Hg(NO₃)₂

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H332-H312-H302-H373

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
182138.1611	1000 ml	6

Mercury(II) Nitrate 0,01 mol/l (0,02N) SV

Indicator: Diphenylcarbazone mixed

Hg(NO₃)₂

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H332-H312-H302-H373-H412

1l-1,007kg 1kg-0,993l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
181425.1611	1000 ml	6

Mercury(II) Nitrate 0,05 mol/l (0,1N) SV

Indicator: Diphenylcarbazone mixed

Hg(NO₃)₂

M: 324,63 CAS: 10045-94-0 EINECS: 233-152-3 NC: 2834 29 80 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H331-H311-H301-H373-H412

1l-1,014kg 1kg-0,986l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181424.1611	1000 ml	6

Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS

HgO
M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl.....	0,03 %
Residue on ignition (as SO ₄).....	0,05 %
Residue after reduction.....	0,05 %
Nitrogen compounds (as N).....	0,005 %
Chloride (Cl).....	0,025 %
Sulphate (SO ₄).....	0,01 %
Cu.....	0,001 %
Fe.....	0,003 %
Ni.....	0,001 %
Pb.....	0,001 %
Zn.....	0,001 %

Order code	Package	Units/Box st.
131426.1208	100 g	6
131426.1209	250 g	6
131426.1214	5 kg	6

Mercury(II) Oxide yellow PRS

HgO
M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Assay (Compl.) 98,5 %

Insoluble matter in HCl..... 0,05 %

Nitrogen compounds (as N) 0,01 %

Chloride (Cl)..... 0,05 %

Sulphate (SO₄) 0,025 %

Cu..... 0,005 %

Fe..... 0,005 %

Ni..... 0,005 %

Pb..... 0,005 %

Order code	Package	Units/Box st.
141426.1208	100 g	6
141426.1209	250 g	6
141426.1211	1000 g	6

Mercury(II) Oxide red PRS

HgO
M: 216,59 CAS: 21908-53-2 EINECS: 244-654-7 NC: 2825 90 80 UN: 1641
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Assay (Compl.) 98,5 %

Insoluble matter in HCl..... 0,3 %

Nitrogen compounds (as N) 0,01 %

Chloride (Cl)..... 0,1 %

Sulphate (SO₄) 0,05 %

Cu..... 0,005 %

Fe..... 0,01 %

Ni..... 0,005 %

Pb..... 0,005 %

Order code	Package	Units/Box st.
141427.1208	100 g	6
141427.1209	250 g	6
141427.1211	1000 g	6
141427.1214	5 kg	6

Mercury(II) Rhodanide

(see Mercury(II) Thiocyanate)

Mercury Spillage Kit RE

NC: 3822 00 00 UN: 1759
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314-H410

Comprised of:
1x100g Mercury Absorbent
1 Cardboard box containing 6 plastic gloves
1 Instructions sheet
1x100ml Flask
1x60ml Flask
1 Shovel
1 Brush
3x3ml Pasteur pipettes

Order code	Package	Units/Box st.
175677.1122	pack	6

Mercury(II) Sulphate PA-ACS

for determination of COD
HgSO₄
M: 296,65 CAS: 7783-35-9 EINECS: 231-992-5 NC: 2833 29 90 UN: 1645
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Minimum assay 99 %

MAXIMUM LIMIT OF IMPURITIES

Residue after reduction..... 0,02 %

Suitability for determination of COD according to UNE 77-004-02..... p/t.

Chloride (Cl)..... 0,003 %

Nitrate (NO₃)..... p/t.

Cd..... 0,001 %

Cu..... 0,001 %

Fe..... 0,003 %

Hg(II)..... 0,15 %

Ni..... 0,001 %

Pb..... 0,001 %

Zn..... 0,001 %

Order code	Package	Units/Box st.
132166.1208	100 g	6
132166.1209	250 g	6
132166.1211	1000 g	6

Mercury(II) Sulphate PRS

HgSO₄
M: 296,65 CAS: 7783-35-9 EINECS: 231-992-5 NC: 2833 29 90 UN: 1645
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Assay (Compl.) 98 %

Insoluble matter in H₂SO₄..... 0,01 %

Chloride (Cl)..... 0,01 %

Cu..... 0,005 %

Fe..... 0,005 %

Hg(II)..... 0,2 %

Ni..... 0,005 %

Pb..... 0,005 %

Order code	Package	Units/Box st.
142166.1208	100 g	6
142166.1209	250 g	6
142166.1211	1000 g	6
142166.1214	5 kg	6

Mercury(II) Sulphate solution 80 g/l

(see Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate)

Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV

for determ. of COD acc. DIN 38 409-H
NC: 3822 00 00 UN: 2024
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
Signal Word: Danger



H330-H310-H300-H373-H411-H319-H315

1l-1,295kg 1kg-0,772l

SPECIFICATIONS:
Suitability for determination of COD according to DIN 38 409-H..... p/t.

Order code	Package	Units/Box st.
284289.1611	1000 ml	6

Mercury(II) Sulphocyanate

(see Mercury(II) Thiocyanate)

Mercury(II) Sulphocyanide

(see Mercury(II) Thiocyanate)

Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA

Hg(SCN)₂
M: 316,75 CAS: 592-85-8 EINECS: 209-773-0 NC: 2852 00 00 UN: 1646
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
Signal Word: Danger



H330-H310-H300-H373-H410

SPECIFICATIONS:
Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition..... 0,05 %

Sulphate (SO₄) 0,01 %

Order code	Package	Units/Box st.
121092.1208	100 g	6
121092.1209	250 g	6

MES

(see 2-Morpholinoethanesulphonic Acid 1-hydrate)

Metanil Yellow (C.I. 13065) PA

pH indicator 1,2 red; 2,8 yellow
 $C_{15}H_{11}N_3NaO_3S$

M: 375,38 CAS: 587-98-4 EINECS: 209-608-2 NC: 3204 16 00

SPECIFICATIONS:

Identity.....IR p/t
 λ of max. ABS in NaOH 0,1 mol/l..... 433-439 nm
 A 1%, 1 cm, λ max.....>450
 T.L.C..... p/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 Red.....1,2
 Yellow.....2,8
 Insoluble matter in H₂O..... p/t
 Loss on drying at 135°C..... 5 %

Order code	Package	Units/Box st.
121107.1605	10 g	6

Methanamide

(see Formamide)

Methanesulphonic Acid 70% w/w PS

CH₃O₃S

M: 96,11 CAS: 75-75-2 EINECS: 200-898-6 NC: 2904 10 00 UN: 2586

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~0,353kg 1kg~0,739l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 69 %
 Density at 20/4..... 1,345-1,360

Order code	Package	Units/Box st.
15A687.1609	250 ml	6
15A687.1611	1000 ml	6

Methanol (HPLC-hypergradient grade) HIPERPUR

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,9 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Non-volatile matter..... 0,0001 %
 Acidity..... 0,0002 meq/g
 Alkalinity..... 0,0002 meq/g
 Water (H₂O)..... 0,02 %
 Suitability for PAH analysis..... p/t
 Gradient:

λ (nm)	220	235	254
A (mAU)	5	2	1

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	210	220	230	260-400
A (AU)	0,456	0,155	0,081	0,009
T (%)	35	60	75	98

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
721091.1611	1000 ml	6
721091.1612	2,5 l	4

Methanol (HPLC-gradient grade) PAI-ACS

CH₃O₃S

Signal Word: Danger



H225-H331-H311-H301-H370

CE: 603-001-00-X

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,9 %
 Identity.....IR p/t
 Density at 20/4..... 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Insoluble matter in H₂O..... p/t
 Non-volatile matter..... 0,0003 %
 Acidity..... 0,0002 meq/g
 Alkalinity..... 0,0002 meq/g
 Water (H₂O)..... 0,03 %
 Reducing substances to KMnO₄..... p/t
 Darkened substances by H₂SO₄..... p/t
 Carbonyl compounds (as CH₃COCH₃)..... 0,001 %
 Suitability for gradient acc. to ACS..... p/t
 Gradient:

λ (nm)	235	254
A (mAU)	2	1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	205 (Cut off)	220	235	240	260-400
A (AU)	1,000	0,260	0,081	0,046	0,009
T (%)	10	55	83	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider polarity.....5,1
 Eluotropic value E⁺(Al₂O₃)..... 0,95
 Sol. H₂O in solv. at 20°C..... miscible

Order code Package Units/Box st.

221091.1611	1000 ml	6
221091.1612	2,5 l	4
221091.1646	4 l	4
221091.0314	5 l	4
221091.0515	10 l	
221091.0516	25 l	
221091.0537	30 l	

Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l~0,792kg 1kg~1,263l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,9 %
 Density at 20/4..... 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
 Insoluble matter in H₂O..... p/t
 Non-volatile matter..... 0,0003 %
 Acidity..... 0,0002 meq/g
 Alkalinity..... 0,0002 meq/g
 Water (H₂O)..... 0,03 %
 Reducing substances to KMnO₄..... p/t
 Darkened substances by H₂SO₄..... p/t
 Carbonyl compounds (as acetone, as formaldehyde and as acetaldehyde)..... 0,001 %
 Suitability for IR spectrometry..... p/t
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	220	230	240	260-400
A (AU)	1,000	0,699	0,301	0,097	0,046	0,009
T (%)	10	20	50	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μ m) and bottled under nitrogen atmosphere.

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361091.1611	1000 ml	6
361091.1612	2,5 l	4
361091.1646	4 l	4
361091.0314	5 l	4
361091.0515	10 l	
361091.1616	25 l	
361091.0537	30 l	

Methanol (HPLC-preparative) PAI

CH₃OH
 M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t.
 Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,0005 %
 Acidity 0,0002 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,05 %
 UV Spectrum (1cm cell; Ref.: water)

λ (nm)	205 (Cut off)	210	225	240	260-400
A (AU)	1,000	0,699	0,301	0,046	0,009
T (%)	10	20	50	90	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
261091.0314	5 l	4

Methanol (LC-MS) PAI

CH₃OH
 M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
 Identity IR p/t.
 Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0003 %
 Acidity 0,0002 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,02 %
 Suitability for LC-MS p/t.
 Gradient:

λ(nm)	235	254
A (mAU)	2	1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	210	220	235	240	260-400
A (AU)	0,523	0,260	0,081	0,046	0,009
T (%)	30	55	83	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	0,5

Metals [in mg/Kg (ppm)]

Ag 0,05	Cr 0,02	Na 0,1
Al 0,5	Cu 0,01	Ni 0,02
Ba 0,1	Fe 0,1	Pb 0,02
Ca 0,01	K 0,1	Sn 0,1
Cd 0,05	Mg 0,1	Zn 0,1
Co 0,02	Mn 0,01	

Microfiltered product (0,2 μm) and bottled under argon atmosphere.

Order code	Package	Units/Box st.
701091.1611	1000 ml	6
701091.1612	2,5 l	4

Methanol (PAR) PAI

CH₃OH
 M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
 Identity IR p/t.
 Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Non-volatile matter 0,0005 %
 Acidity 0,0003 meq/g
 Alkalinity 0,0002 meq/g
 Water (H₂O) 0,05 %
 Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
 Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
 Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t.

Order code	Package	Units/Box st.
321091.1611	1000 ml	6
321091.1612	2,5 l	4
321091.1646	4 l	4

Methanol dry (max. 0,005% water) DS-ACS-ISO

CH₃OH
 M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
 Identity IR p/t.
 Density at 20/4 0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,001 %
 Acetone (G.C.) 0,001 %
 Ethanol (G.C.) 0,05 %
 2-Propanol (G.C.) 0,05 %
 Reducing substances to KMnO₄ (as O) 0,00025 %
 Darkened substances by H₂SO₄ p/t.
 Acidity 0,0003 meq/g
 Alkalinity 0,0002 meq/g
 Carbonyl compounds (as CH₃COCH₃) 0,005 %
 Acetaldehyde (CH₃CHO) 0,001 %
 Formaldehyde (HCHO) 0,001 %
 Water (H₂O) 0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481091.1611	1000 ml	6

M

Methanol (Reag. Ph. Eur.) PA-ACS-ISO

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.)	99,8 %
Identity	IR p/t
Density at 20/4	0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,001 %
Acetone (G.C.)	0,001 %
Ethanol (G.C.)	0,005 %
2-Propanol (G.C.)	0,01 %
Reducing substances to KMnO ₄ (as O)	0,00025 %
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0003 meq/g
Alkalinity	0,0002 meq/g
Carbonyl compounds (as CH ₃ COCH ₃)	0,005 %
Acetaldehyde (CH ₃ CHO)	0,001 %
Formaldehyde (HCHO)	0,001 %
Water (H ₂ O)	0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Cu	0,02	P	0,2
Al	0,5	Fe	0,1	Pb	0,1
As	0,05	Ga	0,02	Pt	0,02
Au	0,05	Ge	0,05	S	0,2
B	0,02	Hg	0,05	Sb	0,02
Ba	0,1	In	0,05	Si	0,2
Be	0,02	K	0,1	Sn	0,1
Bi	0,05	Li	0,05	Sr	0,2
Ca	0,5	Mg	0,1	Ti	0,02
Cd	0,05	Mn	0,02	Tl	0,02
Co	0,02	Mo	0,02	V	0,02
Cr	0,02	Na	0,5	Zn	0,1
		Ni	0,02	Zr	0,02

Order code Package Units/Box st.

Order code	Package	Units/Box st.
131091.1611	1000 ml	6
131091.1211	1000 ml	6
131091.1612	2,5 l	4
131091.1212	2,5 l	4
131091.1214	5 l	4
131091.0716	25 l	4
131091.0718	60 l	4
131091.0719	200 l	4

Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t
Density at 20/20	0,791-0,793
Refractive index n _D ²⁰	1,328-1,330

MAXIMUM LIMIT OF IMPURITIES

Clarity and colour	p/t
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,001 %
Acetone (G.C.)	0,002 %
Benzene (G.C.) (v/v)	0,0002 %
Ethanol (G.C.)	0,1 %
Reducing substances to KMnO ₄ (as O)	0,0005 %
Acetone and aldehydes (as CH ₃ COCH ₃)	0,003 %
Darkened substances by H ₂ SO ₄	p/t
Related substances (G.C.):	
Individual impurity	0,1 %
Total impurities	0,3 %
Acidity (as CH ₃ COOH)	0,003 %
Alkalinity (as NH ₃)	0,0003 %
Residual solvents (Ph.Eur./USP)	p/t
Water (H ₂ O)	0,1 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

UV Spectrum:

λ (nm)	230	250	270	290
A (AU)	0,15	0,05	0,02	0,01

Order code Package Units/Box st.

Order code	Package	Units/Box st.
141091.1211	1000 ml	6
141091.1212	2,5 l	4
141091.1214	5 l	4
141091.0716	25 l	4
141091.0718	60 l	4
141091.0719	200 l	4

Methanol (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Assay (in CH ₃ OH), not less than	99,85 %
Acetone and aldehydes, not more than	0,003 %
Acidity (as formic acid), not more than	0,0015 %
Alkalinity (as NH ₃), not more than	3 ppm
Distillation range (including 64,6° +/-0,1°C)	1°C
Non-volatile residue, not more than	10 ppm
Solubility in water	p/t
Easily carbonizable substances	p/t
Substances reducing to KMnO ₄	p/t
Water, not more than	0,1 %
Arsenic, not more than	1 ppm
Lead, not more than	1 ppm

Specifications Dir. 92/115/CEE, F.C.C. 6

Order code Package Units/Box st.

Order code	Package	Units/Box st.
201091.1214	5 l	4
201091.0716	25 l	4

Methanol, 99,5% PS

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,791-0,792
Non-volatile matter	0,002 %
Water (H ₂ O)	0,1 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
161091.1211	1000 ml	6
161091.1212	2,5 l	4
161091.1714	5 l	4
161091.0616	25 l	4
161091.0619	200 l	4

Methanol according to Karl Fischer RE

for aquametry

CH₃OH

M: 32,04 CAS: 67-56-1 EINECS: 200-659-6 NC: 2905 11 00 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,792kg 1kg-1,263l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Density at 20/4	0,791-0,792

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O)	0,01 %
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Order code Package Units/Box st.

Order code	Package	Units/Box st.
171091.1611	1000 ml	6
171091.1612	2,5 l	4
171091.0616	25 l	4

Methanol-D₄ deuteration degree min. 99,95% (NMR) PAI

CD₃OD

M: 36,07 CAS: 811-98-3 EINECS: 212-378-6 NC: 2845 90 10 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,89kg 1kg-1,12l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,02 %
---	--------

Order code Package Units/Box st.

Order code	Package	Units/Box st.
745858.02130	10 x 0,75 ml	6
745858.1605	10 ml	6

Methanol-D4 deuteration degree
min. 99,8% (NMR) PAI

CD₂OD
M: 36,07 CAS: 811-98-3 EINECS: 212-378-6 NC: 2845 90 10 UN: 1230
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,89kg 1kg-1,12l

SPECIFICATIONS:
Deuteration degree min. 99,8 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES
Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745857.02130	10 x 0,75 ml	6
745857.1905	vial with septum 10 ml	6
745857.1606	25 ml	6

Methenamine

(see Hexamethylenetetramine)

DL-Methionine (BP, Ph. Eur.) PRS-CODEX

C₅H₁₁NO₂S
M: 149,21 CAS: 59-51-8 EINECS: 200-432-1 NC: 2930 40 90

SPECIFICATIONS:
Assay calc. a.d.s. 99,0-101,0 %
Identity according to Pharmacopoeias p/t.
pH sol. 2% 5,4-6,1
Specific rotation -0,05 to +0,05°

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t.
Loss on drying at 105°C 0,5 %
Residue on ignition (as SO₂) 0,1 %
Chloride (Cl) 0,02 %
Sulphate (SO₄) 0,02 %
Related substances p/t.
Heavy metals (as Pb) 0,002 %

Order code	Package	Units/Box st.
145827.1211	1000 g	6

L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX

C₅H₁₁NO₂S
M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s. 99,0-101,0 %
Identity according to Pharmacopoeias p/t.
Specific rotation [α]_D²⁰ c=2 (in HCl) calc. a.d.s. +22,5 to +24,0°
Specific rotation [α]_D²⁵ c=2 (in HCl) calc. a.d.s. +22,4 to +24,7°
pH 2,5% solution 5,5-6,5
pH 1% solution 5,6-6,1
T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t.
Loss on drying at 105°C 0,3 %
Residue on ignition (as SO₂) 0,1 %
Organic volatile impurities p/t.
Ammonium (NH₄) 0,02 %
Chloride (Cl) 0,02 %
Sulphate (SO₄) 0,03 %
Heavy metals (as Pb) 0,001 %
Fe 0,001 %

Order code	Package	Units/Box st.
142882.1208	100 g	6
142882.1211	1000 g	6

L-Methionine (F.C.C.) ADITIO

C₅H₁₁NO₂S
M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,5 %
Identification IR p/t.
Lead, not more than 5 ppm
Loss on drying, not more than 0,5 %
Specific rotation [α]_D²⁰ calc. a.d.s. +21,0 to +25,0°
Residue on ignition, not more than 0,1 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
202882.1208	100 g	6
202882.1211	1 kg	6

L-Methionine, 99% PS

C₅H₁₁NO₂S
M: 149,21 CAS: 63-68-3 EINECS: 200-562-9 NC: 2930 40 10

SPECIFICATIONS:
Minimum assay 99 %

Order code	Package	Units/Box st.
152882.1606	25 g	6
152882.1608	100 g	6

6-Methoxy-2-Acetonaphthone

(see 2-Acetyl-6-Methoxynaphthalene)

Methoxyamine Hydrochloride

(see O-Methylhydroxylammonium Chloride)

4-Methoxybenzaldehyde, 98% PS

C₈H₈O₂
M: 136,15 CAS: 123-11-5 EINECS: 204-602-6 NC: 2912 49 00

1l~1,122kg 1kg~0,891l
SPECIFICATIONS:
Minimum assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 1,120-1,124

Order code	Package	Units/Box st.
15A649.1608	100 ml	6
15A649.1610	500 ml	6

Methoxybenzene

(see Anisole)

4-Methoxybenzoic Acid, 99% PS

C₈H₈O₃
M: 152,15 CAS: 100-09-4 EINECS: 202-818-5 NC: 2916 39 00

SPECIFICATIONS:
Assay (a.d.s.) 99 %
Identity IR p/t.
Melting range 181-183°C

Order code	Package	Units/Box st.
15B501.1208	100 g	6
15B501.1209	250 g	6

2-Methoxyethanol

(see Ethylene Glycol mono-Methyl Ether)

2-(2-Methoxyethoxy) Ethanol

(see Diethylene Glycol mono-Methyl Ether)

3-Methoxy-4-Methylbenzoic Acid, 96% PS

C₉H₁₀O₃
M: 166,17 CAS: 7151-68-0 EINECS: 230-486-1 NC: 2916 39 00

SPECIFICATIONS:
Assay 96 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C061.1603	1 g	6
15C061.1604	5 g	6

4-Methoxyphenol, 98% PS

C₇H₈O₂
M: 124,14 CAS: 150-76-5 EINECS: 205-769-8 NC: 2909 50 90

Signal Word: Warning



H302-H319-H317

SPECIFICATIONS:
Minimum assay 98 %
Identity IR p/t.
Melting range 54-56°C

Order code	Package	Units/Box st.
15A135.1608	100 g	6
15A135.1610	500 g	6

1-Methoxy-2-Propanol PRS

C₄H₁₀O₂
M: 90,12 CAS: 107-98-2 EINECS: 203-539-1 NC: 2909 44 00 UN: 3092

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H336

1l~0,924kg 1kg~1,082l

SPECIFICATIONS:
Assay (G.C.) 99,5 %
Identity IR p/t.
Density at 20/4 0,921-0,927
2-Methoxy-1-Propanol (G.C.) 0,5 %
Acidity (as C₂H₅COOH) 0,01 %
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
145398.1611	1000 ml	6

1-Methoxy-2-Propanol, 99% PS

$C_4H_{10}O_2$

M: 90,12 CAS: 107-98-2 EINECS: 203-539-1 NC: 2909 44 00 UN: 3092
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H336

1l-0,924kg 1kg-1,082l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
155398.1611	1000 ml	6

1-Methoxy-4-(2-Propenyl) Benzene

(see 4-Allylanisole)

3-Methoxy-p-Toluic Acid

(see 3-Methoxy-4-Methylbenzoic Acid)

4'-Methylacetanilide, 98% PS

$C_9H_{11}NO$

M: 149,21 CAS: 103-89-9 EINECS: 203-155-4 NC: 2924 29 95

Signal Word: Warning



H302

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C060.1608	100 g	6

Methyl Acetate PRS

CH_3COOCH_3

M: 74,08 CAS: 79-20-9 EINECS: 201-185-2 NC: 2915 39 30 UN: 1231

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,936kg 1kg-1,068l

SPECIFICATIONS:

Assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,934-0,938
Non-volatile matter 0,01 %
Methanol (G.C.) 0,2 %
Acidity (as CH_3COOH) 0,005 %
Water (H_2O) 0,3 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
142023.1611	1000 ml	6
142023.1612	2,5 l	4
142023.0716	25 l	6

Methyl Acetate, 99% PS

CH_3COOCH_3

M: 74,08 CAS: 79-20-9 EINECS: 201-185-2 NC: 2915 39 30 UN: 1231

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-EUH066-H336

1l-0,936kg 1kg-1,068l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,934-0,938
Non-volatile matter 0,001 %
Acidity (as CH_3COOH) 0,005 %
Water (H_2O) 0,3 %

Order code	Package	Units/Box st.
162023.1611	1000 ml	6
162023.1612	2,5 l	4

Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS

$CH_2=CHCOOCH_3$

M: 86,09 CAS: 96-33-3 EINECS: 202-500-6 NC: 2916 12 10 UN: 1919

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H319-H335-H315-H317

1l-0,956kg 1kg-1,046l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,954-0,956
Water (H_2O) 0,05 %

Order code	Package	Units/Box st.
15A826.1611	1000 ml	6

Methylal

(see Formaldehyde Dimethylacetal)

Methyl Alcohol

(see Methanol)

Methylamine solution 40% w/w PS

CH_5N

M: 31,06 CAS: 74-89-5 EINECS: 200-820-0 NC: 2921 11 10 UN: 1235

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H228-H332-H302-H314

1l-0,900kg 1kg-1,111l

SPECIFICATIONS:

Minimum assay (Acidim.) 40 %
Density at 20/4 0,895-0,900

Order code	Package	Units/Box st.
15A825.1609	250 ml	6
15A825.1611	1000 ml	6

Methyl 2-Aminobenzoate, 99% PS

$C_8H_9NO_2$

M: 151,17 CAS: 134-20-3 EINECS: 205-132-4 NC: 2922 49 95

1l-1,168kg 1kg-0,856l

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C201.1609	250 ml	6
15C201.1611	1000 ml	6

Methyl 3-Aminobenzoate, 98% PS

$C_8H_9NO_2$

M: 151,16 CAS: 4518-10-9 EINECS: 224-842-5 NC: 2922 50 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15C004.1604	5 g	6
15C004.1606	25 g	6

4-Methylaminophenol Sulphate PA-ACS

$(CH_3NHC_6H_4OH)_2 \cdot H_2SO_4$

M: 344,39 CAS: 55-55-0 EINECS: 200-237-1 NC: 2922 29 00

Signal Word: Warning



H302-H373-H317-H410

SPECIFICATIONS:

Assay (Cerim.) 99,0-101,5 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl p/t.
Residue on ignition (as SO_4) 0,1 %
2-Aminophenol p/t.
Sensitivity to phosphates p/t.

Order code	Package	Units/Box st.
131798.1207	50 g	6
131798.1209	250 g	6

4-Methylaminophenol Sulphate PRS

(CH₃NHC₆H₄OH)₂·H₂SO₄

M: 344,39 CAS: 55-55-0 EINECS: 200-237-1 NC: 2922 29 00

Signal Word: Warning



H302-H373-H317-H410

SPECIFICATIONS:

Assay (Cerim.) 98,0 %
 Identity IR p/t.
 Residue on ignition (as SO₄) 0,5 %

Order code	Package	Units/Box st.
141798.1207	50 g	6
141798.1209	250 g	6

2-Methylaniline

(see o-Toluidine)

4-Methylaniline

(see p-Toluidine)

Methyl p-Anisate

(see Methyl 4-Methoxybenzoate)

4-Methyl-m-Anisic Acid

(see 3-Methoxy-4-Methylbenzoic Acid)

Methyl Anthranilate

(see Methyl 2-Aminobenzoate)

Methylbenzene

(see Toluene)

4-Methylbenzenesulphonic Acid

(see Toluene-4-Sulphonic Acid 1-hydrate)

Methyl Benzoate PRS

C₈H₈COOCH₃

M: 136,15 CAS: 93-58-3 EINECS: 202-259-7 NC: 2916 31 00

Signal Word: Warning



H302

1l~1,088kg 1kg~0,919l

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,086-1,090
 Non-volatile matter 0,01 %
 Acidity (as C₇H₆O₂) 0,12 %
 Water (H₂O) 0,1 %
 Cu 0,0002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141949.1611	1000 ml	6
141949.1612	2,5 l	4
141949.1214	5 l	4

Methyl Benzoate, 99% PS

C₈H₈COOCH₃

M: 136,15 CAS: 93-58-3 EINECS: 202-259-7 NC: 2916 31 00

Signal Word: Warning



H302

1l~1,088kg 1kg~0,919l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,086-1,090
 Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
151949.1606	25 ml	6
151949.1610	500 ml	6

N-Methyl-Bis (Trifluoroacetamide) CG

for derivatization (GC)

C₅H₈F₆NO₂

M: 223,07 CAS: 685-27-8 EINECS: 211-680-5 NC: 2924 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~1,547kg 1kg~0,646l

SPECIFICATIONS:

Minimum assay (G.C.) 97 %

Identity IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355590.0922	20 x 1 ml	6
355590.1905	10 ml	6
355590.2522	10 x 10 ml	6

N-Methyl-Bis (Trifluoroacetamide), 97% PS

C₅H₈F₆NO₂

M: 223,07 CAS: 685-27-8 EINECS: 211-680-5 NC: 2924 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~1,547kg 1kg~0,646l

SPECIFICATIONS:

Minimum assay (G.C.) 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
155590.1604	5 ml	6
155590.1606	25 ml	6

Methyl Borate

(see Trimethyl Borate azeotrope with methanol 70:30)

2-Methylbutane

(see Isopentane)

3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS

C₅H₁₂OH

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Minimum assay (as C₅H₁₂O) (G.C.) 98,5 %

Identity IR p/t.

Density at 20/4 0,809-0,812

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,003 %

1-Pentanol (G.C.) 0,5 %

Acidity 0,002 meq/g

Acids and esters (as Pentyl acetate) 0,2 %

Carbonyl compounds (as HCHO) 0,1 %

Water (H₂O) 0,15 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,01
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131079.1611	1000 ml	6
131079.1612	2,5 l	4
131079.1214	5 l	4
131079.0716	25 l	4

3-Methyl-1-Butanol according to Gerber PA

for determination of fat in milk

C₅H₁₂O

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Assay (as C₅H₁₂O) (G.C.) 98,5 %

MAXIMUM LIMIT OF IMPURITIES

Organic impurities p/t

Water (H₂O) 0,3 %

Suitability for fats determ. acc. to Gerber p/t

Order code	Package	Units/Box st.
121079.1211	1000 ml	6
121079.1212	2,5 l	4
121079.1214	5 l	4
121079.0716	25 l	
121079.0718	60 l	

3-Methyl-1-Butanol PRS

C₅H₁₂O

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Assay (as C₅H₁₂O) (G.C.) 98,0 %

Identity IR p/t

Density at 20/4 0,809-0,812

Non-volatile matter 0,01 %

1-Pentanol (G.C.) 1 %

Acidity 0,006 meq/g

Water (H₂O) 0,5 %

Cu 0,00002 %

Fe 0,00005 %

Ni 0,00002 %

Pb 0,00002 %

Order code	Package	Units/Box st.
141079.1211	1000 ml	6
141079.1212	2,5 l	4
141079.1214	5 l	4
141079.0716	25 l	

3-Methyl-1-Butanol, 98% PS

C₅H₁₂O

M: 88,15 CAS: 123-51-3 EINECS: 204-633-5 NC: 2905 19 00 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-EUH066

1l~0,810kg 1kg~1,235l

SPECIFICATIONS:

Minimum assay (as C₅H₁₂O) (G.C.) 98 %

Identity IR p/t

Density at 20/4 0,809-0,812

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
151079.1611	1000 ml	6
151079.1612	2,5 l	4

Methyl iso-Butyl Ketone

(see 4-Methyl-2-Pentanone)

2-Methylbutyric Acid, 98% PS

C₅H₁₀O₂

M: 102,13 CAS: 116-53-0 EINECS: 204-145-2 NC: 2915 60 90 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~0,935kg 1kg~1,069l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 0,935-0,937

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A665.1608	100 ml	6

D-2-Methylbutyric Acid, 98% PS

C₅H₁₀O₂

M: 102,13 CAS: 1730-91-2 NC: 2915 60 11 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~0,930kg 1kg~1,075l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A066.1603	1 ml	6
15A066.1604	5 ml	6

2-Methylbutyric Acid Chloride

(see 2-Methylbutyryl Chloride)

2-Methylbutyryl Chloride, 99% PS

CH₃CH₂CH(CH₃)COCl

M: 120,58 CAS: 57526-28-0 EINECS: 260-787-3 NC: 2812 90 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %

Identity IR p/t

Density at 20/4 0,985-0,995

Order code	Package	Units/Box st.
15A633.1608	100 ml	6

Methyl Caprate

(see Methyl Decanoate)

Methyl Caproate

(see Methyl Hexanoate)

Methyl Caprylate

(see Methyl Octanoate)

Methyl Cellosolve

(see Ethylene Glycol mono-Methyl Ether)

Methylchloroform

(see 1,1,1-Trichloroethane)

Methyl Cyanide

(see Acetonitrile)

Methylcyclohexane dry (max. 0,005% water) DS

C₆H₁₂CH₃

M: 98,19 CAS: 108-87-2 EINECS: 203-624-3 NC: 2902 19 80 UN: 2296

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H304-H336-H411

1l~0,769kg 1kg~1,300l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity IR p/t

Density at 20/4 0,768-0,770

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Darkened substances by H₂SO₄ p/t

Sulphur compounds (as S) 0,005 %

Acidity 0,001 meq/g

Water (H₂O) 0,005 %

Thiophene p/t

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Mn 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code	Package	Units/Box st.
482802.1611	1000 ml	6

Methylcyclohexane, 99% PS

C_8H_{16}
 M: 98,19 CAS: 108-87-2 EINECS: 203-624-3 NC: 2902 19 80 UN: 2296
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H411

1l-0,769kg 1kg-1,300l

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,768-0,770
 Non-volatile matter 0,003 %
 Water (H₂O) 0,03 %

Order code	Package	Units/Box st.
162802.1611	1000 ml	6
162802.1714	5 l	4
162802.0616	25 l	

4-Methylcyclohexanone, 98% PS

$C_7H_{12}O$
 M: 112,17 CAS: 589-92-4 EINECS: 209-665-3 NC: 2914 22 00 UN: 2297
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 316
 Signal Word: Warning



H226-H302

1l-0,914kg 1kg-1,094l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A030.1606	25 ml	6
15A030.1608	100 ml	6

trans-4-Methylcyclohexylammonium Chloride, 98% PS

$C_7H_{15}N.HCl$
 M: 149,66 CAS: 33483-65-7 NC: 2921 30 99
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:
 Minimum Assay 98 %

Order code	Package	Units/Box st.
15A031.1603	1 g	6
15A031.1605	10 g	6

trans-4-Methylcyclohexyl Isocyanate, 98% PS

$C_8H_{15}NO$
 M: 139,20 CAS: 32175-00-1 NC: 2929 10 90 UN: 2810
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618
 Signal Word: Danger



H331-H311-H301-H319-H335-H315

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A222.1604	5 g	6

Methyl Cyclopropanecarboxylate, 98% PS

$C_5H_8O_2$
 M: 100,12 CAS: 2868-37-3 EINECS: 220-690-9 NC: 2916 20 00 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225

1l-0,985kg 1kg-1,015l

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A047.1606	25 ml	6
15A047.1609	250 ml	6

Methyl Decanoate, 98% PS

$C_{11}H_{22}O_2$
 M: 186,30 CAS: 110-42-9 EINECS: 203-766-6 NC: 2915 90 80
 1l-0,87kg 1kg-1,15l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
152757.1604	5 ml	6
152757.1608	100 ml	6

4-Methyl-1,3-Dioxolane-2-one

(see Propylene Carbonate)

Methyl Dodecanoate

(see Methyl Laurate)

2,2'-Methylenebiphenyl

(see Fluorene)

Methylene Blue (C.I. 52015) PA

$C_{16}H_{18}ClN_3S \cdot xH_2O$
 M: 319,85+H₂O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (Spectrophotometric) 82 %
 Identity IR p/t.
 λ of max. ABS in H₂O 663-667 nm
 A 1%, 1 cm, λ max. (calc. a.d.s.) >2200
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 8-16 %

Order code	Package	Units/Box st.
121170.1606	25 g	6
121170.1608	100 g	6

Methylene Blue (C.I. 52015) (USP) CODEX

$C_{16}H_{18}ClN_3S \cdot xH_2O$
 M: 319,85+H₂O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (calc. a.d.s.) 98,0-103,0 %
 Identity according to Pharmacopoeias p/t.
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying 8,0-18,0 %
 Residue on ignition 1,2 %
 Organic volatile impurities p/t.
 As 0,0008 %
 Cu 0,02 %
 Zn p/t.

Order code	Package	Units/Box st.
191170.1608	100 g	6
191170.1611	1000 g	6

Methylene Blue (C.I. 52015) DC

for microscopy, bacteriology and cytology
 $C_{16}H_{18}ClN_3S \cdot xH_2O$
 M: 319,85+H₂O CAS: 61-73-4 EINECS: 200-515-2 NC: 3204 13 00
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (Spectrophotometric) 82 %
 Identity IR p/t.
 λ of max. ABS in H₂O 663-667 nm
 A 1%, 1 cm, λ max. (calc. a.d.s.) >2200
 Ratio λ max. P \pm 15 nm 1,21-1,70
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 8-16 %

Order code	Package	Units/Box st.
251170.1606	25 g	6
251170.1608	100 g	6
251170.1609	250 g	6
251170.0914	5 kg	

Methylene Blue Alkali DC

for microscopy, solution according to Loeffler
 NC: 3822 00 00
 1l-0,987kg 1kg-1,013l
 Composition:
 Methylene Blue 0,365 g
 Potassium Hydroxide 0,1 mol/l 1,62 ml
 Ethanol absolute 9,1 ml
 Water 91 ml

Order code	Package	Units/Box st.
251171.1208	100 ml	6
251171.1209	250 ml	6

M

Methylene Blue Phenicated DC

for microscopy, solution according to Kühne

NC: 3822 00 00

Signal Word: Warning



H312-H302

1l~0,995kg 1kg~1,005l

Composition:

Methylene Blue.....	9 g
Ethanol absolute.....	90 ml
Phenol.....	26 ml
Water.....	1000 ml

Order code	Package	Units/Box st.
251172.1208	100 ml	6
251172.1209	250 ml	6
251172.1211	1000 ml	6

Methylene Dichloride

(see Dichloromethane)

Methylene Iodide

(see Diiodomethane)

Methylethylketone

(see Butanone)

Methyl Formate, 97% PS

C₂H₄O₂

M: 60,05 CAS: 107-31-3 EINECS: 203-481-7 NC: 2915 13 00 UN: 1243

IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303

Signal Word: Danger



H224-H332-H302-H319-H335

1l~0,970kg 1kg~1,031l

SPECIFICATIONS:

Minimum assay (G.C.).....	97 %
Identity.....	IR p/t
Density at 20/4.....	0,974-0,977

Order code	Package	Units/Box st.
164541.1611	1000 ml	6

2-Methylfuran, 99% PS

C₅H₆O

M: 82,10 CAS: 534-22-5 EINECS: 208-594-5 NC: 2932 19 00 UN: 2301

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301

1l~0,913kg 1kg~1,095l

SPECIFICATIONS:

Assay.....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,913-0,916
Furfural.....	< 0,5 %
Peroxides (as O ₂).....	< 0,2 mol/Kg
Water (H ₂ O).....	< 0,1 %

Order code	Package	Units/Box st.
15C074.1608	100 ml	6
15C074.1610	500 ml	6

Methylglycol

(see Ethylene Glycol mono-Methyl Ether)

Methyl Green (C.I. 42585) DC

for microscopy, bacteria staining

(C₂₈H₃₃Cl₂N₃)_n·ZnCl₂

M: (458,5)n+136,3 CAS: 7114-03-6 EINECS: 230-415-4 NC: 3204 13 00

SPECIFICATIONS:

Identity.....	IR p/t
λ of max. ABS in H ₂ O.....	630-635 nm
A 1%, 1 cm, λmax.....	>400
Ratio λmax. P ± 15 nm.....	0,86-1,11
T.L.C.....	p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 10 %

Order code	Package	Units/Box st.
251704.1604	5 g	6
251704.1606	25 g	6

Methyl Hexadecanoate

(see Methyl Palmitate)

Methyl Hexanoate, 98% PS

C₇H₁₄O₂

M: 130,19 CAS: 106-70-7 EINECS: 203-425-1 NC: 2915 90 80

1l~0,88kg 1kg~1,13l

SPECIFICATIONS:

Minimum assay (G.C.).....	98 %
Identity.....	IR p/t

Order code	Package	Units/Box st.
152759.1608	100 ml	6
152759.1610	500 ml	6

Methyl 2-Hydroxybenzoate

(see Methyl Salicylate)

Methyl 4-Hydroxybenzoate

(USP-NF, BP, Ph. Eur., JP) PRS-CODEX

C₈H₈O₃

M: 152,15 CAS: 99-76-3 EINECS: 202-785-7 NC: 2918 29 30

SPECIFICATIONS:

Assay (Acidim.).....	98,0-102,0 %
Identity according to Pharmacopoeias.....	p/t
Melting range.....	125-128°C
A 1%; 1 cm; λ258 nm.....	1040-1120
T.L.C.....	p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution.....	p/t
Insoluble matter in C ₂ H ₅ OH 96%.....	p/t
Residue on ignition (as SO ₂).....	0,1 %
Residual solvents (Ph.Eur./USP).....	p/t
Acidity.....	p/t
Related substances:	
Impurity A (4-Hydroxybenzoic Acid).....	0,5%
Individual not specified impurities.....	0,5%
Total impurities.....	1,0%

Order code	Package	Units/Box st.
143332.1208	100 g	6
143332.1210	500 g	6
143332.0914	5 kg	

Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO

C₈H₈O₃

M: 152,15 CAS: 99-76-3 EINECS: 202-785-7 NC: 2918 29 30

SPECIFICATIONS:

Assay (in C ₈ H ₈ O ₃) calc. on the anh. basis.....	99,0-100,5%
Acidity.....	p/t
Salicylic + 4-Hydroxybenzoic Acid (in C ₇ H ₆ O ₃), not more than.....	0,35 %
Arsenic (as As), not more than.....	3 ppm
Residue on ignition, not more than.....	0,05 %
Loss on drying, not more than.....	0,5 %
Heavy metals (as Pb), not more than.....	10 ppm
Lead, not more than.....	2 ppm
Melting range.....	125-128°C
Mercury (Hg), not more than.....	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
203332.0914	5 kg	

O-Methylhydroxylamine Hydrochloride

(see O-Methylhydroxylammonium Chloride)

O-Methylhydroxylammonium Chloride PA

for derivatization (GC)

CH₅CINO

M: 83,52 CAS: 593-56-6 EINECS: 209-798-7 NC: 2928 00 90

Signal Word: Warning



H319-H335-H315-H351

SPECIFICATIONS:

Assay (Arg.).....	99 %
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Order code	Package	Units/Box st.
122706.1605	10 g	6

Methyl 4-Hydroxyphenylacetate, 98% PS

C₉H₁₀O₃

M: 166,18 CAS: 14199-15-6 EINECS: 238-050-2 NC: 2918 99 90

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay.....	98 %
--------------------	------

Order code	Package	Units/Box st.
15A007.1606	25 g	6
15A007.1608	100 g	6

Methyl Iodide

(see Iodomethane)

Methyl Isobutylketone

(see 4-Methyl-2-Pentanone)

2-Methyl-5-Isopropylphenol

(see 5-Isopropyl-2-Methylphenol)

2-Methylactic Acid

(see 2-Hydroxyisobutyric Acid)

Methyl Laurate CG

C₁₃H₂₆O₂

M: 214,35 CAS [111-82-0] EINECS 203-911-3 NC: 2915 90 00

RTECS: OF 0670000

1l-0,86kg 1kg-1,16l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Order code	Package	Units/Box st.
352761.1903	1ml	6

Methyl Laurate, 98% PS

C₁₃H₂₆O₂

M: 214,35 CAS: 111-82-0 EINECS: 203-911-3 NC: 2915 90 80

1l-0,86kg 1kg-1,16l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
152761.1604	5 ml	6

Methyl 4-Methoxybenzoate, 98% PS

C₉H₁₀O₃

M: 166,18 CAS: 121-98-2 EINECS: 204-513-2 NC: 2909 49 90

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A204.1606	25 g	6
15A204.1608	100 g	6

2-Methyl-5-(1-Methylethyl) Phenol

(see 5-Isopropyl-2-Methylphenol)

N-Methylmorpholine, 98% PS

C₅H₁₁NO

M: 101,15 CAS: 109-02-4 EINECS: 203-640-0 NC: 2934 99 90 UN: 2535

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H312-H302-H314

1l-0,917kg 1kg-1,091l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Density at 20/4 0,917-0,918

Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15A841.1610	500 ml	6

Methyl Myristate, 98% PS

C₁₅H₃₀O₂

M: 242,41 CAS: 124-10-7 EINECS: 204-680-1 NC: 2915 90 80

1l-0,86kg 1kg-1,15l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
152762.1608	100 ml	6
152762.1610	500 ml	6

2-Methyl-1,4-Naphtoquinone Sodium Disulphite

(see Menadione Sodium Disulphite 3-hydrate)

Methyl Nicotinate, 99% PS

C₇H₉NO₂

M: 137,14 CAS: 93-60-7 EINECS: 202-261-8 NC: 2933 39 99

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B183.1208	100 g	6
15B183.1210	500 g	6

2-Methyl-4-Nitroaniline, 98% PS

C₇H₆N₂O₂

M: 152,15 CAS: 99-52-5 EINECS: 202-762-1 NC: 2921 43 00 UN: 2660

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H331-H311-H301-H373-H411

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A068.1608	100 g	6
15A068.1610	500 g	6

Methyl Octadecanoate

(see Methyl Stearate)

Methyl Octanoate, 98% PS

C₉H₁₈O₂

M: 158,24 CAS: 111-11-5 EINECS: 203-835-0 NC: 2915 90 80

1l-0,87kg 1kg-1,15l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
152758.1606	25 ml	6
152758.1608	100 ml	6

Methyl Orange (C.I. 13025) PA-ACS

pH indicator 3,2 red; 4,4 yellow

C₁₄H₁₄N₃NaO₃S

M: 327,34 CAS: 547-58-0 EINECS: 208-925-3 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t.

T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

pink or red 3,2

yellow 4,4

Transition interval according to ACS p/t.

Insoluble matter in H₂O p/t.

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
131431.1606	25 g	6
131431.1607	50 g	6
131431.1608	100 g	6
131431.1610	500 g	6

METHYL ORANGE SOLUTIONS

Methyl Orange solution 0,04% RV

pH indicator 3,2 red; 4,4 yellow

C₁₄H₁₄N₃NaO₃S

M: 327,34 CAS: 547-58-0 NC: 3822 00 00

1l-0,981kg 1kg-1,019l

Composition:

Methyl Orange 40 mg

Ethanol absolute 15 ml

Water s.q.m 100 ml

Order code	Package	Units/Box st.
281433.1208	100 ml	6
281433.1209	250 ml	6

Methyl Orange solution 0,1% RV

pH indicator 3,2 red; 4,4 yellow

C₁₄H₁₄N₃NaO₃S

M: 327,34 CAS: 547-58-0 NC: 3822 00 00

1l-0,974kg 1kg-1,027l

Composition:

Methyl Orange 0,1 g

Ethanol absolute 20 ml

Water 82,5 ml

Order code	Package	Units/Box st.
281432.1208	100 ml	6
281432.1209	250 ml	6

Methyl Palmitate, 98% PS

C₁₇H₃₄O₂

M: 270,46 CAS: 112-39-0 EINECS: 203-966-3 NC: 2915 70 20

SPECIFICATIONS:

1l-0,86kg 1kg-1,16l

Minimum assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
152763.1608	100 ml	6

Methyl Paraben

(see Methyl 4-Hydroxybenzoate)

2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX

C₈H₁₈O₂

M: 118,18 CAS: 107-41-5 EINECS: 203-489-0 NC: 2905 39 10

Signal Word: Warning



H319-H315

1l~0,920kg 1kg~1,087l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity according to Pharmacopoeias p/t
 Density at 25/25 0,917-0,923
 Refractive index n_D²⁵ 1,424-1,430

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP) p/t
 Acidity (as CH₃COOH) 0,013 %
 Water (H₂O) 0,5 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141348.1211	1000 ml	6
141348.1214	5 l	4
141348.0716	25 l	

4-Methyl-2-Pentanol, 97% PS

C₈H₁₈O

M: 102,18 CAS: 108-11-2 EINECS: 203-551-7 NC: 2905 19 00 UN: 2053

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H335

1l~0,81kg 1kg~1,23l

SPECIFICATIONS:

Minimum assay (G.C.) 97 %
 Identity IR p/t
 Density at 20/4 0,806-0,808

Order code	Package	Units/Box st.
15A647.1211	1000 ml	6
15A647.1214	5 l	4

4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS

C₈H₁₆O

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Density at 20/4 0,798-0,802
 Distillation range <4,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15
 Non-volatile matter 0,005 %
 Acidity 0,0004 meq/g
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131430.1611	1000 ml	6
131430.1612	2,5 l	4
131430.1214	5 l	4
131430.0716	25 l	

4-Methyl-2-Pentanone (USP-NF) PRS-CODEX

C₈H₁₆O

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t
 Density at 25/25 <0,799
 Distillation range 114-117°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,008 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity 0,0015 meq/g
 Water (H₂O) 0,3 %
 Cu 0,00002 %
 Fe 0,00002 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141430.1611	1000 ml	6
141430.1612	2,5 l	4
141430.1214	5 l	4
141430.0716	25 l	

4-Methyl-2-Pentanone, 99% PS

C₈H₁₆O

M: 100,16 CAS: 108-10-1 EINECS: 203-550-1 NC: 2914 13 00 UN: 1245

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335-EUH066

1l~0,799kg 1kg~1,252l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 0,798-0,802
 Non-volatile matter 0,005 %
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161430.1211	1000 ml	6
161430.1212	2,5 l	4
161430.1214	5 l	4
161430.0716	25 l	

2-Methylphenol

(see o-Cresol)

4-Methylphenol

(see p-Cresol)

Methyl Phenyl Ether

(see Anisole)

Methyl Phenyl Ketone

(see Acetophenone)

1-Methylpiperazine, 98% PS

C₅H₁₂N₂

M: 100,16 CAS: 109-01-3 EINECS: 203-639-5 NC: 2933 59 95 UN: 2734

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H312-H314

1l~0,903kg 1kg~1,107l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t

Order code	Package	Units/Box st.
15B718.1610	500 ml	6

2-Methyl-1-Propanol

(see Isobutanol)

2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS

(CH₃)₂COH
 M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-H332-H319-H335

1l-0,78kg 1kg-1,28l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Identity IR p/t.
 Freezing point >25°C
 Distillation range (>95% dist.) 81-83°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
 Insoluble matter in H₂O p/t.
 Non-volatile matter 0,003 %
 1-Butanol (G.C.) 0,05 %
 2-Butanol (G.C.) 0,2 %
 Isobutanol (G.C.) 0,05 %
 Acidity 0,001 meq/g
 Alkalinity 0,0005 meq/g
 Carbonyl compounds (as HCHO) 0,01 %
 Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	P 0,2
Al 0,5	Fe 0,1	Pb 0,1
As 0,05	Ge 0,05	Pt 0,1
Au 0,1	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,05
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02

Order code	Package	Units/Box st.
131903.1611	1000 ml 	6
131903.1214	5 l 	4
131903.0716	25 l 	

2-Methyl-2-Propanol PRS

(CH₃)₂COH
 M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-H332-H319-H335

1l-0,78kg 1kg-1,28l
SPECIFICATIONS:
 Assay (G.C.) 99 %
 Identity IR p/t.
 Non-volatile matter 0,01 %
 1-Butanol (G.C.) 0,1 %
 2-Butanol (G.C.) 0,5 %
 Isobutanol (G.C.) 0,1 %
 Acidity 0,005 meq/g
 Alkalinity 0,003 meq/g
 Water (H₂O) 0,3 %
 Cu 0,0002 %
 Fe 0,0002 %
 Ni 0,0002 %
 Pb 0,0002 %

Order code	Package	Units/Box st.
141903.1611	1000 ml 	6
141903.1214	5 l 	4
141903.0716	25 l 	

2-Methyl-2-Propanol, 99,7% PS

(CH₃)₂COH
 M: 74,12 CAS: 75-65-0 EINECS: 200-889-7 NC: 2905 14 10 UN: 1120
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-H332-H319-H335

1l-0,78kg 1kg-1,28l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,7 %
 Identity IR p/t.
 Non-volatile matter 0,003 %
 Water (H₂O) 0,08 %

Order code	Package	Units/Box st.
161903.1611	1000 ml 	6
161903.1714	5 l 	4
161903.0616	25 l 	

2-Methylpyridine, 98% PS

C₅H₇N
 M: 93,12 CAS: 109-06-8 EINECS: 203-643-7 NC: 2933 39 99 UN: 2313
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

  H226-H332-H312-H302-H319-H335

1l-0,943kg 1kg-1,06l
SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,942-0,945

Order code	Package	Units/Box st.
15A634.1611	1000 ml 	6
15A634.1214	5 l 	4
15A634.0716	25 l 	

1-Methyl-2-Pyrrolidone (VLSI) EG

C₅H₉NO
 M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00
 Signal Word: Danger

  H360D-H319-H335-H315

1l-1,033kg 1kg-0,968l
SPECIFICATIONS:
 Assay 99,8 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 25
 Non-volatile matter 0,001 %
 Chloride (Cl) 0,001 %
 Phosphate (PO₄) 0,0005 %
 Free amines 0,01 %
 Water (H₂O) 0,05 %
 0,5 µm particles 250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag 50	Cr 50	Ni 50
Al 100	Cu 50	Pb 50
As 50	Fe 100	Sb 50
Au 50	Ga 50	Sn 50
B 50	K 50	Sr 50
Ba 50	Li 50	Ti 50
Be 50	Mg 50	V 50
Ca 50	Mn 50	Zn 50
Cd 50	Mo 50	
Co 50	Na 50	

Order code	Package	Units/Box st.
873080.1212	2,5 l 	4

1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI

C₅H₉NO
 M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00
 Signal Word: Danger

  H360D-H319-H335-H315

1l-1,033kg 1kg-0,968l
SPECIFICATIONS:
 Minimum assay (G.C.) 99,5 %
 Density at 20/4 1,031-1,034

MAXIMUM LIMIT OF IMPURITIES

APHA colour 50
 Water (H₂O) 0,05 %
 Suitability for IR spectrometry p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	262 (Cut off)	270	300	320	340-450
A (AU)	1,000	0,553	0,102	0,041	0,009
T (%)	10	28	79	91	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:
 Rohrschneider Polarity 6,7
 Sol. H₂O in solv. at 20°C miscible
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363080.1611	1000 ml 	6

M

1-Methyl-2-Pyrrolidone PA-ACS

C₅H₉NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 50

Free amines (as CH₃NH₂) 0,01 %

Chloride (Cl) 0,0001 %

Water(H₂O) 0,05 %

Al 0,00001 %

Au 0,00001 %

Cr 0,00001 %

Cu 0,00001 %

Fe 0,00001 %

K 0,00001 %

Mg 0,00001 %

Mn 0,00001 %

Ni 0,00001 %

Pb 0,00001 %

Sb 0,000005 %

Sn 0,00001 %

Ti 0,00001 %

Zn 0,000005 %

Microfiltered product (0,2 um) and bottled under nitrogen atmosphere.

Order code Package Units/Box st.

133080.1611 1000 ml 6

1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX

C₅H₉NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t.

Alkalinity p/t.

Related substances p/t.

Water (H₂O) 0,1 %

Heavy metals (as Pb) 0,001 %

Residual solvents (Ph.Eur./USP) p/t.

Order code Package Units/Box st.

143080.1611 1000 ml 6

143080.1214 5 l 4

143080.0716 25 l 4

1-Methyl-2-Pyrrolidone, 99% PS

C₅H₉NO

M: 99,13 CAS: 872-50-4 EINECS: 212-828-1 NC: 2933 79 00

Signal Word: Danger



H360D-H319-H335-H315

1l~1,033kg 1kg~0,968l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Density at 20/4 1,031-1,034

Water (H₂O) 0,1 %

Order code Package Units/Box st.

163080.1611 1000 ml 6

163080.1612 2,5 l 4

163080.1214 5 l 4

163080.0716 25 l 4

N-Methylpyrrolidone

(see 1-Methyl-2-Pyrrolidone)

Methyl Red (C.I. 13020) PA-ACS

pH indicator 4,2 red; 6,2 yellow

C₁₅H₁₅N₃O₂

M: 269,31 CAS: 493-52-7 EINECS: 207-776-1 NC: 2927 00 00

SPECIFICATIONS:

Identity IR p/t.

Melting range 179-182°C

T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

red 4,2

yellow 6,2

Transition interval according to ACS p/t.

Insoluble matter in C₂H₅OH p/t.

Loss on drying at 110°C 5 %

Residue on ignition (as SO₂) 2 %

Order code Package Units/Box st.

131617.1605 10 g 6

131617.1606 25 g 6

131617.1608 100 g 6

131617.1211 1000 g 6

Methyl Red solution 0,1% DC

C₁₅H₁₅N₃O₂

M: 269,31 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,870kg 1kg~1,149l

Composition:

Methyl red 1 g

Ethanol 70% 1000 ml

Order code Package Units/Box st.

251618.1208 100 ml 6

Methyl Red solution 0,1% RV

pH indicator 4,2 red; 6,2 yellow

C₁₅H₁₅N₃O₂

M: 269,31 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l~0,870kg 1kg~1,149l

Composition:

Methyl red 1 g

Ethanol 70% 1000 ml

Order code Package Units/Box st.

281618.1208 100 ml 6

Methyl Red Sodium Salt (C.I. 13020) PA-ACS

pH indicator 4,2 red; 6,2 yellow

C₁₅H₁₄N₃NaO₂

M: 291,29 CAS: 845-10-3 EINECS: 212-682-9 NC: 2927 00 00

SPECIFICATIONS:

Identity IR p/t.

T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

red 4,2

yellow 6,2

Transition interval according to ACS p/t.

Insoluble matter in H₂O p/t.

Insoluble matter in C₂H₅OH p/t.

Loss on drying at 110°C 5 %

Order code Package Units/Box st.

133234.1606 25 g 6

5-Methylresorcinol

(see 3,5-Dihydroxytoluene 1-hydrate)

Methyl Salicylate synthetic
(RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₉H₈O₃
M: 152,15 CAS: 119-36-8 EINECS: 204-317-7 NC: 2918 23 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning

 H302-H319
1l-1,180kg 1kg-0,847l
SPECIFICATIONS:
Assay99,0-100,5%
Identity according to Pharmacopoeias p/t.
Density at 20/20 1,180-1,185
Density at 25/25 1,180-1,185
Refractive index n_D²⁰ 1,535-1,538
Angular rotation inactive
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t.
Insoluble matter in C₂H₅OH 70% p/t.
Acidity (as salicylic acid) 0,05 %
Residual solvents (Ph.Eur./USP) p/t.
Water (H₂O) 0,3 %
Heavy metals (as Pb) 0,001 %

Order code	Package	Units/Box st.
142963.1611	1000 ml 	6

Methyl Salicylate, 99% PS

C₉H₈O₃
M: 152,15 CAS: 119-36-8 EINECS: 204-317-7 NC: 2918 23 10 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
Signal Word: Warning

 H302-H319
1l-1,180kg 1kg-0,847l
SPECIFICATIONS:
Minimum assay99 %

Order code	Package	Units/Box st.
152963.1608	100 ml 	6
152963.1611	1000 ml 	6

Methyl Stearate, 98% PS

C₁₈H₃₆O₂
M: 298,51 CAS: 112-61-8 EINECS: 203-990-4 NC: 2915 70 80
SPECIFICATIONS:
Minimum assay (G.C.)98 %
IdentityIR p/t.

Order code	Package	Units/Box st.
152760.1604	5 g 	6
152760.1607	50 g 	6

Methylsulphonic Acid

(see Methanesulphonic Acid)

Methylsulphoxide

(see Dimethyl Sulphoxide)

Methyl Tetradecanoate

(see Methyl Myristate)

2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS

C₅H₁₀O
M: 86,13 CAS: 96-47-9 EINECS: 202-507-4 NC: 2932 19 00 UN: 2536
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger

  H319-H335-H225-EU019
1l-0,86kg 1kg-1,16l
SPECIFICATIONS:
Minimum assay (G.C.)99,5 %
IdentityIR p/t.
Non-volatile matter0,03 %
Water (H₂O)0,03 %

Order code	Package	Units/Box st.
156416.1611	1000 ml 	6

Methylthymol Blue Sodium Salt PA-ACS

for complexometry
C₂₇H₄₀N₂Na₂O₁₁S
M: 844,76 CAS: 1945-77-3 EINECS: 217-743-3 NC: 2932 99 85
SPECIFICATIONS:

IdentityIR p/t.
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Transition interval:
yellow6,5
blue8,5
Transition interval according to ACS p/t.
Insoluble matter in H₂O p/t.
Loss on drying at 135°C 10 %
Suitability as metal indicator p/t.

Order code	Package	Units/Box st.
132618.1603	1 g 	6
132618.1604	5 g 	6

Methyltrichloromethane

(see 1,1,1-Trichloroethane)

N-Methyltrifluoroacetamide, 98% PS

C₃H₄F₃NO
M: 127,07 CAS: 815-06-5 EINECS: 212-417-7 NC: 2924 19 00
Signal Word: Warning

 H319-H335-H315
SPECIFICATIONS:
Minimum assay (G.C.)98 %
IdentityIR p/t.
Melting range49-51°C

Order code	Package	Units/Box st.
15A842.1604	5 g 	6

N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG

for derivatization (GC)
CF₃CON(CH₃)Si(CH₃)₃
M: 199,25 CAS: 24589-78-4 EINECS: 246-331-6 NC: 2924 19 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H319-H335-H315
1l-1,076kg 1kg-0,929l
SPECIFICATIONS:
Minimum assay (G.C.)95,0 %
IdentityIR p/t.
Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355587.0922	20 x 1 ml 	6
355587.1905	10 ml 	6
355587.2522	10 x 10 ml 	6
355587.1608	100 ml 	6

N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS

CF₃CON(CH₃)Si(CH₃)₃
M: 199,25 CAS: 24589-78-4 EINECS: 246-331-6 NC: 2924 19 00 UN: 1993
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H319-H335-H315
1l-1,076kg 1kg-0,929l
Minimum assay (G.C.)95 %
IdentityIR p/t.

Order code	Package	Units/Box st.
155587.1606	25 ml 	6

Methyl Violet (C.I. 42535) DC

for microscopy, diptherial bacteria staining
CAS: 8004-87-3 EINECS: 210-042-3 NC: 3204 16 00
Signal Word: Warning

 H302
SPECIFICATIONS:
IdentityIR p/t.
λ of max. ABS in C₂H₅OH 50%583-587 nm
A 1%, 1cm, λ_{max}>1600
Ratio λ_{max}. P ± 15 nm1,06-1,19
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10 %

Order code	Package	Units/Box st.
252079.1606	25 g 	6
252079.1608	100 g 	6

Methyl Violet 2B

(see Methyl Violet)

Methyl Yellow

(see 4-(Dimethylamino) Azobenzene)

Methyl Yellow solution 0,5% RV

pH indicator 2,9 red; 4,0 yellow

C₁₄H₁₅N₃

M: 225,30 CAS: 60-11-7 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,828kg 1kg~1,208l

Composition:

p-(Dimethylamino) Azobenzene0,5 g

Ethanol absolute.....90 ml

Water s.q.m100 ml

Order code	Package	Units/Box st.
281109.1208	100 ml	6

Metol

(see 4-Methylaminophenol Sulphate)

Meyer's Reagent DC

for hematology, blood (hemoglobin) in faeces, urine, duodenal liquid and gastric juice

NC: 3822 00 00 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~1,200kg 1kg~0,833l

Composition:

Potassium Hydroxide 85% pellets20 g

Zinc metal.....15 g

Phenolphthalein.....2 g

Water s.q.m100 ml

Order code	Package	Units/Box st.
251579.1608	100 ml	6

MIBK

(see 4-Methyl-2-Pentanone)

Microbiology

(see chapter CULTIMED products)

Micropowder Wax (Licowax C®) PA

(® Registered trade-mark of Clariant)for X-ray fluorescence

CAS: 110-30-5 EINECS: 203-755-6 NC: 2712 90 99

SPECIFICATIONS:

Metals by ICP [mg/Kg (ppm)]

Bi10

Co5

Cr5

Cu5

Fe5

Mn5

Ni5

Pb10

Sr5

Tl10

Zn5

Order code	Package	Units/Box st.
126150.1211	1000 g	6

Millon's Reagent DC

for determination of phenols, tyrosine and albuminoids

NC: 3822 00 00 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H330-H310-H300-H373-H319-H315-H411

1l~1,358kg 1kg~0,736l

Composition:

Mercury metal.....23 g

Nitric Acid 60%33,3 ml

Water68 ml

Order code	Package	Units/Box st.
251580.1608	100 ml	6

Minium

(see Lead tetra-Oxide)

Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H315-H410-H304-EUH066-H336

1l~0,832kg 1kg~1,202l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10

Non-volatile matter.....0,0005 %

Acidity.....0,0008 meq/g

Water (H₂O).....0,02 %

Signal ECD of pesticide (Lindane to DDT) (as Lindane)5 ng/l

Phosphorus and Nitrogen compounds of pesticide

(Ethylparathion to Coumaphos) (as Ethylparathion)5 ng/l

Order code	Package	Units/Box st.
326165.1612	2,5 l	4
326165.0515	10 l	

Mixture TAN PA

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H319-H335

1l~0,822kg 1kg~1,216l

SPECIFICATIONS:

Composition according to ASTM D 664-07 p/t

MAXIMUM LIMIT OF IMPURITIES

Acidity value0,005

Order code	Package	Units/Box st.
124860.1611	1000 ml	6
124860.1612	2,5 l	4

Mixture TBN PA

NC: 3822 00 00 UN: 2924

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H314-H332

1l~1,078kg 1kg~0,927l

Composition:

Chlorobenzene667 ml

Acetic Acid333 ml

Order code	Package	Units/Box st.
124856.1611	1000 ml	6
124856.1612	2,5 l	4

Modifiers for AA

(see Matrix Modifiers for Atomic Absorption)

Mohr's Salt

(see Ammonium Iron(II) Sulphate 6-hydrate)

Molecular Sieve 3Å (2 mm diameter particle) RE

Al_{1/2}K_{1/2}O₄₈Si₁₂·xH₂O

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity20 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C1,5 %

Order code	Package	Units/Box st.
175349.1609	250 g	6
175349.1611	1000 g	6

Molecular Sieve 4Å RE

Al_{1/2}Na_{1/2}O₄₈Si₁₂·H₂O

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity17,5 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C2,5 %

Order code	Package	Units/Box st.
175350.1609	250 g	6
175350.1611	1000 g	6

Molecular Sieve 5Å (2 mm diameter particle) RE

Al₂Ca₁5Na₃O₁₈Si₁₂·xH₂O

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity 21,5 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C 1,5 %

Order code	Package	Units/Box st.
175351.1609	250 g	6
175351.1611	1000 g	6

Molecular Sieve 10Å (2 mm diameter particle) RE

CAS: 1318-02-1 EINECS: 215-283-8 NC: 3824 90 15

SPECIFICATIONS:

Water adsorption capacity 18,5 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 950°C 3,5 %

Order code	Package	Units/Box st.
175352.1609	250 g	6
175352.1611	1000 g	6

MOLYBDENUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Molybdenum(VI) Oxide PRS

MoO₃

M: 143,94 CAS: 1313-27-5 EINECS: 215-204-7 NC: 2825 70 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H319-H335-H351

SPECIFICATIONS:

Assay (as MoO₃) (Compl.) 99 %

Insoluble matter in NH₄OH 0,05 %

Chloride (Cl) 0,005 %

Sulphate (SO₄) 0,5 %

Cu 0,002 %

Fe 0,001 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
142791.1209	250 g	6
142791.1211	1000 g	6
142791.1214	5 kg	4

Molybdenum Trioxide

(see Molybdenum(VI) Oxide)

Molybdic Acid (contains ammonium molybdate) PA-ACS

~MoO₃·H₂O+Mo₇O₂₄(NH₄)₆

CAS: 7782-91-4 EINECS: 231-970-5 NC: 2825 70 00

SPECIFICATIONS:

Minimum assay (as MoO₃) 85,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH₄OH 0,01 %

Arsenate, phosphate and silicate (as SiO₂) 0,001 %

Chloride (Cl) 0,002 %

Phosphate (PO₄) 0,0005 %

Sulphate (SO₄) 0,2 %

Heavy metals (as Pb) 0,003 %

Cu 0,001 %

Fe 0,0005 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
131035.1208	100 g	6
131035.1209	250 g	6
131035.1211	1000 g	6
131035.1214	5 kg	4

Molybdic Acid (contains ammonium molybdate) PRS

~MoO₃·H₂O+Mo₇O₂₄(NH₄)₆

CAS: 7782-91-4 EINECS: 231-970-5 NC: 2825 70 00

SPECIFICATIONS:

Assay (as MoO₃) (Compl.) 85 %

Insoluble matter in NH₄OH 0,05 %

Chloride (Cl) 0,01 %

Sulphate (SO₄) 0,5 %

Cu 0,002 %

Fe 0,001 %

Ni 0,002 %

Pb 0,002 %

Order code	Package	Units/Box st.
141035.1208	100 g	6
141035.1209	250 g	6
141035.1211	1000 g	6

Molybdic Anhydride

(see Molybdenum(VI) Oxide)

Molybdophosphoric Acid

(see Phosphomolybdic Acid x-hydrate)

Monoacetin

(see Glycerol mono-Acetate)

Monochlorobenzene

(see Chlorobenzene)

Monomethylamine

(see Methylamine)

MOPS

(see 3-Morpholinopropanesulfonic Acid)

MOPSO

(see 2-Hydroxy-3-Morpholinopropanesulphonic Acid)

Mordant Black 11

(see Eriochrome Black T)

Mordant Blue 3

(see Eriochromecyanine R)

Mordant Orange 1

(see Alizarin Yellow R)

Mordant Red 3

(see Alizarin Red S)

Mordant Red 11

(see Alizarin)

Mordant Yellow 1

(see Alizarin Yellow GG)

Morpholine (Reag. Ph. Eur.) PA-ACS

C₄H₉NO

M: 87,12 CAS: 110-91-8 EINECS: 203-815-1 NC: 2934 99 90 UN: 2054

IMDG: 8/1 ADR: 8/1 IATA: 8/1 PAX: 807 CAO: 809

Signal Word: Danger



H226-H332-H312-H302-H314

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Minimum assay 99,0 %

Identity IR p/t

Boiling range 126,0-130,0°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 15

Water (H₂O) 0,3 %

Ca 0,00005 %

Cd 0,000005 %

Co 0,000002 %

Cr 0,000002 %

Cu 0,000002 %

Fe 0,00001 %

Mg 0,00001 %

Pb 0,000002 %

Ni 0,000002 %

Pb 0,00001 %

Zn 0,00001 %

Order code	Package	Units/Box st.
131435.1610	500 ml	6

Morpholine, 98% PS

C₄H₉NO

M: 87,12 CAS: 110-91-8 EINECS: 203-815-1 NC: 2934 99 90 UN: 2054

IMDG: 8/1 ADR: 8/1 IATA: 8/1 PAX: 807 CAO: 809

Signal Word: Danger



H226-H332-H312-H302-H314

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Density at 25/4 0,994-0,997

Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
161435.1611	1000 ml	6
161435.1612	2,5 l	4
161435.0716	25 l	

Morpholinium Iodide, 99% PS

C₄H₁₀INO

M: 215,03 CAS: 58464-45-2 NC: 2934 99 90

SPECIFICATIONS:

Minimum assay (Arg.) 99 %
 Identity IR p/t.
 Water (H₂O) 0,5 %
 Melting range 213-216°C
 Solubility in H₂O p/t.

Order code	Package	Units/Box st.
15A828.1209	250 g	6
15A828.0914	5 kg	

1-Morpholinocyclohexene

(see 1-(4-Morpholino) Cyclohexene)

1-(4-Morpholino) Cyclohexene, 98% PS

C₁₀H₁₆NO

M: 167,25 CAS: 670-80-4 EINECS: 211-579-6 NC: 2934 99 90

Signal Word: Warning



H319-H335-H315

1l~0,995kg 1kg~1,005l

SPECIFICATIONS:

Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C006.1606	25 ml	6
15C006.1608	100 ml	6

N-Morpholino-1-Cyclohexene

(see 1-(4-Morpholino) Cyclohexene)

Mounting mediums

(see DPX, Eukitt®, Histofluid® and Mounting Medium for substitutes of xylene)

Mounting Medium for substitutes of xylene DC

for microscopy

NC: 3822 00 00

1l~0,820kg 1kg~1,220l

SPECIFICATIONS:

Density at 25°C 0,815-0,825

Order code	Package	Units/Box st.
255811.0008	100 ml	6

MSTFA

(see N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide)

MTBE

(see tert-Butyl Methyl Ether)

MUG

(see 4-Methylumbelliferyl-β-D-Glucuronide)

Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS

for complexometry

C₈H₈N₂O₆

M: 284,19 CAS: 3051-09-0 EINECS: 221-266-6 NC: 2933 53 90

SPECIFICATIONS:

Identity IR p/t.
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %
 Suitability as complexometric indicator p/t.

Order code	Package	Units/Box st.
131436.1604	5 g	6
131436.1606	25 g	6

Murexide 1% in Sodium Chloride RV

for complexometry

NC: 3822 00 00

Composition:

Murexide 1 g
 Sodium Chloride 99 g

Order code	Package	Units/Box st.
281437.1607	50 g	6
281437.1608	100 g	6

Muthmann's Liquid

(see 1,1,2,2-Tetrabromoethane)

Mycological Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6-7,5
 Loss on drying at 105°C 6 %
 Residue on ignition (as SO₂) 15 %
 Total Nitrogen ≥10 %

Order code	Package	Units/Box st.
404140.1210	500 g	6
404140.0914	5 kg	
404140.0416	25 kg	

Myristic Acid, 98% PS

CH₃(CH₂)₁₂COOH

M: 228,38 CAS: 544-63-8 EINECS: 208-875-2 NC: 2915 90 80

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) 98 %
 Identity IR p/t.
 Melting range 52-55°C

Order code	Package	Units/Box st.
162591.1209	250 g	6
162591.1211	1000 g	6

Myristic Acid Methyl Ester

(see Methyl Myristate)

Naphta

(see Petroleum Ether)

Naphthalene PRS

C₁₀H₈

M: 128,16 CAS: 91-20-3 EINECS: 202-049-5 NC: 2902 90 10 UN: 1334

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H351-H410

SPECIFICATIONS:

Assay (G.C.) 98 %
 Identity IR p/t.
 Melting range 79-81°C
 Non-volatile matter 0,02 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141438.1210	500 g	6
141438.1211	1000 g	6
141438.0914	5 kg	
141438.0416	25 kg	

Naphthalene, 98% PS

C₁₀H₈

M: 128,16 CAS: 91-20-3 EINECS: 202-049-5 NC: 2902 90 10 UN: 1334

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H351-H410

SPECIFICATIONS:

Assay (G.C.) 98 %
 Identity IR p/t.
 Melting range 79-81°C

Order code	Package	Units/Box st.
151438.1209	250 g	6
151438.1211	1000 g	6

1-Naphthaleneacetic Acid, 97% PS

C₁₂H₁₀O₂

M: 186,21 CAS: 86-87-3 EINECS: 201-705-8 NC: 2916 39 00

Signal Word: Warning



H302-H319-H335

SPECIFICATIONS:

Assay 97 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A428.1206	25 g	6
15A428.1208	100 g	6

Naphthalene Black 10 B

(see Amido Black 10B)

1,4-Naphthalenedione

(see 1,4-Naphthoquinone)

Naphthalidine

(see 1-Naphthylamine)

1-Naphthol (Reag. USP, Ph. Eur.) PA

C₁₀H₈O

M: 144,17 CAS: 90-15-3 EINECS: 201-969-4 NC: 2907 15 10

Signal Word: Danger



H312-H302-H335-H315-H318

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Melting range 95-97°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃OH 0,01 %
 Residue on ignition (as SO₂) 0,01 %
 Acidity p/t.
 Naphthalene (G.C.) 0,2 %
 2-Naphthol (G.C.) 0,2 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,005 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
122855.1607	50 g	6
122855.1609	250 g	6

1-Naphthol, 99% PS

C₁₀H₈O

M: 144,17 CAS: 90-15-3 EINECS: 201-969-4 NC: 2907 15 10

Signal Word: Danger



H312-H302-H335-H315-H318

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 94-97°C
 Water (H₂O) 0,5 %

Order code	Package	Units/Box st.
162855.1610	500 g	6
162855.0914	5 kg	6

2-Naphthol PRS

C₁₀H₇OH

M: 144,17 CAS: 135-19-3 EINECS: 205-182-7 NC: 2907 15 90 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H332-H302-H400

SPECIFICATIONS:

Assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 121-123°C
 Insoluble matter in CH₃OH 0,02 %
 Residue on ignition (as SO₂) 0,1 %
 Acidity p/t.
 Chloride (Cl) 0,02 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141194.1208	100 g	6
141194.1210	500 g	6
141194.0914	5 kg	6

2-Naphthol, 99% PS

C₁₀H₇OH

M: 144,17 CAS: 135-19-3 EINECS: 205-182-7 NC: 2907 15 90 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H332-H302-H400

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 121-123°C

Order code	Package	Units/Box st.
161194.1210	500 g	6

β-Naphthol

(see 2-Naphthol)

Naphtol Blue Black

(see Amido Black 10B)

Naphthol Green B (C.I. 10020) PA-ACS

C₃₀H₁₅FeN₃Na₃O₁₅S₃

M: 878,47 CAS: 19381-50-1 EINECS: 243-010-2 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t.
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
 Loss on drying at 110°C 10 %
 Suitability as a mixed indicator for
 complexometry according to ACS p/t.

Order code	Package	Units/Box st.
133066.1606	25 g	6

1,4-Naphthoquinone, 97% PS

C₁₀H₆O₂

M: 158,16 CAS: 130-15-4 EINECS: 204-977-6 NC: 2914 69 10 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H330-H319-H335-H317

SPECIFICATIONS:

Minimum assay 97 %
 Identity IR p/t.
 Melting range 120-124°C

Order code	Package	Units/Box st.
15A599.1209	250 g	6
15A599.1211	1000 g	6

1-Naphthylacetic Acid

(see 1-Naphthaleneacetic Acid)

1-Naphthylamine, 99% PS

C₁₀H₉N

M: 143,19 CAS: 134-32-7 EINECS: 205-138-7 NC: 2921 45 00 UN: 2077

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H411

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 48-50°C

Order code	Package	Units/Box st.
15A612.1608	100 g	6
15A612.1610	500 g	6

1-Naphthyl Bromide

(see 1-Bromonaphthalene)

2-Naphthyl Bromide

(see 2-Bromonaphthalene)

N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS

C₁₂H₁₆Cl₂N₂

M: 259,18 CAS: 1465-25-4 EINECS: 215-981-2 NC: 2921 59 90

SPECIFICATIONS:

Minimum assay (Arg.) calc. a.d.s. 98,0 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
 Sensitivity to sulphanilamide p/t.
 Water (H₂O) 5 %

Order code	Package	Units/Box st.
132751.1604	5 g	6
132751.1606	25 g	6

Natural Black 1

(see Hematoxylin)

Natural Carminic Acid

(see Cochineal)

Natural Red 4

(see Cochineal)

Natural Red 28

(see Orcein)

Natural Yellow 3

(see Curcumin)

NBS

(see N-Bromosuccinimide)

Neocuproin PA

for determination of copper

$C_{14}H_{12}N_2$

M: 208,26 CAS: 484-11-7 EINECS: 207-601-9 NC: 2933 99 00

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,2 %

Loss on drying at 120°C..... 5 %

Residue on ignition (as SO_4)..... 0,2 %

Sensitivity to Cu p/t.

Order code	Package	Units/Box st.
121662.1603	1 g	6
121662.1604	5 g	6

NEODYMIUM SOLUTIONS

(see Standards for ICP)

Nessler's Reagent RE

for determination of ammonia and ammonia salts

NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H300-H314-H372-H412

1l~1,272kg 1kg~0,786l

Composition:

Mercury(II) Iodide..... 100 g

Potassium Iodide..... 70 g

Sodium Hydroxide..... 160 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
171581.1209	250 ml	6

Nessler's Reagent A RE

for determination of ammonia and ammonia salts

NC: 3822 00 00 UN: 3287

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 603 CAO: 604

Signal Word: Danger



H330-H310-H300-H373-H411

1l~1,25kg 1kg~0,80l

Composition:

Mercury(II) Iodide..... 150 g

Potassium Iodide..... 110 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
174230.1608	100 ml	6

Nessler's Reagent B RE

for determination of ammonia and ammonia salts

NC: 3822 00 00 UN: 1719

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,30kg 1kg~0,77l

Composition:

Sodium Hydroxide..... 250 g

Water s.q.m 1 l

Order code	Package	Units/Box st.
174231.1208	100 ml	6

Neutral Red (C.I. 50040) PA

pH indicator 6,8 red; 8,0 yellow orange

$C_{15}H_{17}ClN_4$

M: 288,78 CAS: 553-24-2 EINECS: 209-035-8 NC: 3204 13 00

Signal Word: Warning



H302

SPECIFICATIONS:

Identity..... IR p/t.

λ of max. ABS in ethanol 50% 538-544 nm

A 1%, 1cm, λ_{max} (calc. a.d.s.) 900

T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

red 6,8

yellow-orange 8,0

Loss on drying at 135°C 12 %

Order code	Package	Units/Box st.
121619.1605	10 g	6
121619.1606	25 g	6

Neutral Red (C.I. 50040) DC

for microscopy, Koch's bacilli staining

$C_{15}H_{17}ClN_4$

M: 288,78 CAS: 553-24-2 EINECS: 209-035-8 NC: 3204 13 00

Signal Word: Warning



H302

SPECIFICATIONS:

Identity..... IR p/t.

λ of max. ABS in ethanol 50% 538-544 nm

A 1%, 1cm, λ_{max} (calc. a.d.s.) 900

Ratio λ_{max} . P \pm 15 nm 1,00-1,12

T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 12 %

Order code	Package	Units/Box st.
251619.1605	10 g	6
251619.1606	25 g	6

Neutral Red solution 0,1% RV

pH indicator 6,8 red; 8,0 yellow orange

$C_{15}H_{17}ClN_4$

M: 288,78 NC: 3822 00 00

1l~0,982kg 1kg~1,018l

Composition:

Neutral red 1 g

Ethanol absolute 150 ml

Water 950 ml

Order code	Package	Units/Box st.
281620.1208	100 ml	6

Niacin

(see Nicotinic Acid)

Nickel metal, balls (Reag. USP) PA

Ni

M: 58,71 CAS: 7440-02-0 EINECS: 231-111-4 NC: 7508 90 00

Signal Word: Warning



H351-H317-H372

SPECIFICATIONS:

Minimum assay 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Co 0,0005 %

Cu 0,0005 %

Fe 0,005 %

Pb 0,0005 %

Zn 0,0005 %

Order code	Package	Units/Box st.
124280.1208	100 g	6

NICKEL SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Nickel(II) Acetate 4-hydrate PA

$Ni(CH_3COO)_2 \cdot 4H_2O$

M: 248,86 CAS: 6018-89-9 EINECS: 206-761-7 NC: 2915 29 00

Signal Word: Danger



H350i-H360D-H332-H302-H334-H317-H372-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,01 %

Chloride (Cl) 0,002 %

Sulphate (SO_4) 0,02 %

Ca 0,01 %

Co 0,1 %

Cu 0,005 %

Fe 0,002 %

K 0,05 %

Mg 0,005 %

Na 0,05 %

Pb 0,003 %

Zn 0,005 %

Order code	Package	Units/Box st.
121441.1209	250 g	6
121441.1211	1000 g	6

Nickel(II) Acetate 4-hydrate PRS

$Ni(CH_3COO)_2 \cdot 4H_2O$

M: 248,86 CAS: 6018-89-9 EINECS: 206-761-7 NC: 2915 29 00

Signal Word: Danger



H350i-H360D-H332-H302-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay(Compl.)	98 %
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,05 %
Fe	0,005 %
Pb	0,005 %
Zn	0,1 %

Order code	Package	Units/Box st.
141441.1209	250 g	6
141441.0914	5 kg	

Nickel-Aluminium alloy according to Raney PS

CAS: 12003-78-0 EINECS: 234-439-6 NC: 7601 20 99 UN: 3089

IMDG: 4.1/II ADR: 4.1/II IATA: 4.1/II PAX: 415 CAO: 417

Signal Word: Danger



H261-H351-H317

SPECIFICATIONS:

Assay (Al)	~50 %
Assay (Ni)	~50 %

Order code	Package	Units/Box st.
15A707.1209	250 g	6
15A707.1211	1000 g	6

Nickel(II) Carbonate Basic

(see Nickel(II) Hydroxide Carbonate x-hydrate)

Nickel(II) Chloride 6-hydrate PA

$NiCl_2 \cdot 6H_2O$

M: 237,71 CAS: 7791-20-0 EINECS: 231-743-0 NC: 2827 35 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360D-H331-H301-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	98,0 %
pH of 5% solution	≥3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Sulphate (SO ₄)	0,02 %
Ca	0,005 %
Cd	0,002 %
Co	0,01 %
Cu	0,005 %
Fe	0,001 %
K	0,01 %
Na	0,05 %
Pb	0,003 %
Zn	0,005 %

Order code	Package	Units/Box st.
121443.1209	250 g	6
121443.1211	1000 g	6
121443.0416	25 kg	

Nickel(II) Chloride 6-hydrate PRS

$NiCl_2 \cdot 6H_2O$

M: 237,71 CAS: 7791-20-0 EINECS: 231-743-0 NC: 2827 35 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350i-H360D-H332 - H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
pH of 5% solution	≥3
Insoluble matter in H ₂ O	0,025 %
Sulphate (SO ₄)	0,05 %
Ca	0,03 %
Cu	0,01 %
Fe	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141443.1209	250 g	6
141443.1211	1000 g	6
141443.1214	5 kg	4
141443.0416	25 kg	

Nickel(II) Hydroxide Carbonate x-hydrate PRS

$NiCO_3 \cdot 2Ni(OH)_2 \cdot xH_2O$

M: 304,15(anh) CAS: 39430-27-8 EINECS: 235-715-9 NC: 2836 99 17

Signal Word: Danger



H350i-H360D-H332 - H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (as Ni)(Compl.)	47-51 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,1 %
Co	0,1 %
Cu	0,005 %
Fe	0,01 %
Pb	0,005 %
Zn	0,005 %

Order code	Package	Units/Box st.
141442.1209	250 g	6
141442.0914	5 kg	
141442.0416	25 kg	

Nickel(II) Nitrate 6-hydrate PA

$Ni(NO_3)_2 \cdot 6H_2O$

M: 290,81 CAS: 13478-00-7 EINECS: 236-068-5 NC: 2834 29 20 UN: 2725

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H350i-H360D-H272-H332-H302-H315-H318-H334-H317-H372-H341-H410

SPECIFICATIONS:

Minimum assay (Compl.)	99 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,002 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,05 %
Ca	0,1 %
Cd	0,002 %
Co	0,2 %
Cu	0,005 %
Fe	0,002 %
K	0,01 %
Na	0,05 %
Pb	0,003 %
Zn	0,03 %

Order code	Package	Units/Box st.
121444.1209	250 g	6
121444.1211	1000 g	6
121444.1214	5 kg	4

Nickel(II) Nitrate 6-hydrate PRS

$Ni(NO_3)_2 \cdot 6H_2O$

M: 290,81 CAS: 13478-00-7 EINECS: 236-068-5 NC: 2834 29 20 UN: 2725

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H350i-H360D-H272-H332-H302-H315-H318-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,03 %
Ca	0,2 %
Fe	0,005 %
Pb	0,005 %
Zn	0,05 %

Order code	Package	Units/Box st.
141444.1209	250 g	6
141444.1211	1000 g	6
141444.1214	5 kg	4
141444.0416	25 kg	

Nickelous

(see Nickel(II) compounds)

Nickel Oxide black PRS

CAS: 1313-99-1 EINECS: 215-215-7 NC: 2825 40 00

Signal Word: Danger



H350i-H317-H372-H413

SPECIFICATIONS:

Assay (as Ni)(Compl.)	75 %
Insoluble matter in HCl	0,05 %
Chloride (Cl)	0,02 %
Sulphate (SO ₄)	0,02 %
Co	0,1 %
Cu	0,01 %
Fe	0,01 %
Pb	0,01 %
Zn	0,05 %

Mixture of aprox. 50% Ni₂O₃ + 50% NiO.

Order code Package Units/Box st.

142730.1209	250 g		6
142730.1211	1000 g		6

Nickel-Raney Catalyst

(see Nickel-Aluminium alloy according to Raney)

Nickel(II) Sulphate 6-hydrate PA-ACS

NiSO₄·6H₂O

M: 262,86 CAS: 10101-97-0 EINECS: 232-104-9 NC: 2833 24 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H350i-H360D-H332-H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99,0-102,0%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,001 %
Ca	0,005 %
Cd	0,001 %
Co	0,002 %
Cu	0,002 %
Fe	0,001 %
K	0,01 %
Mg	0,005 %
Mn	0,002 %
Na	0,05 %
Pb	0,002 %
Zn	0,002 %

Order code Package Units/Box st.

131445.1209	250 g		6
131445.1211	1000 g		6
131445.1214	5 kg		4
131445.0416	25 kg		

Nickel(II) Sulphate 6-hydrate PRS

NiSO₄·6H₂O

M: 262,86 CAS: 10101-97-0 EINECS: 232-104-9 NC: 2833 24 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H350i-H360D-H332-H302-H315-H334-H317-H372-H341-H410

SPECIFICATIONS:

Assay (Compl.)	99-102 %
Insoluble matter in H ₂ O	0,025 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,02 %
Co	0,05 %
Cu	0,01 %
Fe	0,005 %
Zn	0,006 %

Order code Package Units/Box st.

141445.1209	250 g		6
141445.1211	1000 g		6
141445.1214	5 kg		4
141445.0416	25 kg		

Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₅NO₂

M: 123,11 CAS: 59-67-6 EINECS: 200-441-0 NC: 2936 29 90

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	99,5-100,5%
Identity according to Pharmacopoeias	p/t
Melting range	234-238°C

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	1,0 %
Residue on ignition (as SO ₄)	0,1 %
Organic volatile impurities	p/t
Related substances	p/t
Chloride (Cl)	0,02 %
Sulphate (SO ₄)	0,02 %
Heavy metals (as Pb)	0,002 %

Order code Package Units/Box st.

143389.1209	250 g		6
143389.1214	5 kg		4

Nicotinic Acid, 99% PS

C₆H₅NO₂

M: 123,11 CAS: 59-67-6 EINECS: 200-441-0 NC: 2936 29 90

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.)	99 %
Identity	IR p/t
Melting range	234-238°C

Order code Package Units/Box st.

163389.1209	250 g		6
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Nicotinic Acid Methyl Ester

(see Methyl Nicotinate)

Nigrosine water soluble (C.I. 50420) DC

for microscopy

CAS: 8005-03-6 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t
λ of max. ABS in C ₂ H ₅ OH 50%	570-580 nm
A 1%, 1 cm, λmax	>200
Ratio λmax. P ± 15 nm	0,93-1,00
T.L.C	p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	15 %
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Order code Package Units/Box st.

254419.1606	25 g		6
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Nile Blue A Chloride (C.I. 51180) DC

C₂₀H₂₀ClN₃O

M: 353,85 CAS: 2381-85-3 EINECS: 219-181-4 NC: 3204 16 00

SPECIFICATIONS:

Identity	IR p/t
λ of max. ABS in ethanol 50%	635-645 nm
A 1%; 1 cm; λmax	>1800
Ratio λmax. P ± 15 nm	0,98-1,10
T.L.C	p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	5 %
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Order code Package Units/Box st.

254968.1606	25 g		6
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Ninhydrin PA-ACS

C₉H₆O₄

M: 178,15 CAS: 485-47-2 EINECS: 207-618-1 NC: 2914 40 90

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Identity	IR p/t
Identification and melting point	p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t
Residue on ignition (as SO ₄)	0,1 %
Sensitivity to aminoacids	p/t

Order code Package Units/Box st.

132362.1605	10 g		6
132362.1608	100 g		6
132362.1611	1000 g		6

Ninhydrin in 2-propanol, TLC developer RE

C₉H₈O₄

M: 178,15 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

Composition:

Ninhydrin0,2 g

2-Propanol100 ml

Order code	Package	Units/Box st.
174255.1608	100 ml	6

NIOBIUM SOLUTIONS

(see Standards for ICP)

NITRATE SOLUTION

(see Standards for Ionic Chromatography)

Nitric Acid fuming (Reag. Ph. Eur.) PA

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2032

IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P

Signal Word: Danger



H272-H314

1l-1,502kg 1kg-0,666l

SPECIFICATIONS:

Minimum assay (Acidim.)90,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.

Residue on ignition (as SO₂) 0,002 %

Chloride (Cl) 0,00007 %

Sulphate (SO₄) 0,0005 %

Heavy metals (as Pb) 0,0005 %

As 0,00003 %

Fe 0,0002 %

Order code	Package	Units/Box st.
121038.2411	1000 ml	6

Nitric Acid fuming PS

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2032

IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P

Signal Word: Danger



H272-H314

1l-1,502kg 1kg-0,666l

SPECIFICATIONS:

Minimum assay (Acidim.)99,5 %

Order code	Package	Units/Box st.
161038.2411	1000 ml	6

Nitric Acid 69% (TMA) HIPERPUR-PLUS

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H272-H314

1l-1,411kg 1kg-0,709l

SPECIFICATIONS:

Assay (Acidim.)67-69 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag	.....10	Hf	.....10	Ru	.....20
Al	.....20	Hg	.....50	Sb	.....10
As	.....20	Ho	.....1	Sc	.....10
Au	.....20	In	.....1	Sm	.....1
B	.....10	K	.....10	Sn	.....20
Ba	.....10	La	.....1	Sr	.....10
Be	.....10	Li	.....10	Tb	.....1
Bi	.....10	Lu	.....1	Te	.....1
Ca	.....10	Mg	.....10	Th	.....1
Cd	.....10	Mn	.....10	Ti	.....10
Ce	.....10	Mo	.....10	Tl	.....10
Co	.....10	Na	.....10	Tm	.....1
Cr	.....10	Nb	.....1	U	.....1
Cs	.....10	Nd	.....1	V	.....10
Cu	.....10	Ni	.....20	W	.....10
Dy	.....1	Pb	.....10	Y	.....1
Er	.....1	Pd	.....20	Yb	.....1
Eu	.....1	Pr	.....1	Zn	.....10
Fe	.....10	Pt	.....20	Zr	.....10
Ga	.....10	Rb	.....10		
Gd	.....1	Re	.....10		
Ge	.....10	Rh	.....10		

Analysis Type:

Ag	.....2	Ho	.....0,01	Sm	.....0,01
Al	.....10	In	.....1	Sn	.....10
As	.....10	K	.....5	Sr	.....1
Au	.....10	La	.....0,05	Ta	.....10
B	.....10	Li	.....1	Tb	.....0,01
Ba	.....1	Lu	.....0,01	Te	.....1
Be	.....5	Mg	.....5	Th	.....0,05
Bi	.....0,1	Mn	.....2	Ti	.....10
Ca	.....10	Mo	.....1	Tl	.....0,1
Cd	.....1	Na	.....5	Tm	.....0,01
Ce	.....0,05	Nb	.....1	U	.....0,01
Co	.....1	Nd	.....0,05	V	.....1
Cr	.....10	Ni	.....10	W	.....5
Cs	.....0,05	Pb	.....1	Y	.....1
Cu	.....3	Pd	.....10	Yb	.....0,01
Dy	.....0,01	Pr	.....0,05	Zn	.....5
Er	.....0,01	Pt	.....1	Zr	.....1
Eu	.....0,01	Rb	.....1		
Fe	.....10	Re	.....1		
Ga	.....1	Rh	.....1		
Gd	.....0,01	Ru	.....10		
Ge	.....1	Sb	.....10		
Hf	.....0,05	Sc	.....1		
Hg	.....20	Se	.....20		

Order code	Package	Units/Box st.
711037.0009	250 ml	6
711037.0010	500 ml	6

Nitric Acid 69% (TMA) HIPERPUR

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314-H272

1l-1,411kg 1kg-0,709l

SPECIFICATIONS:

Assay (Acidim.)67-69 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
Chloride (Cl)0,00002 %
Total sulphur0,00003 %
Total phosphorus0,000001 %

Metals by ICP (ppb)

Ag .....0,1	Ge .....0,1	Re .....0,1
Al .....1	Hf .....0,1	Rh .....0,5
As .....0,5	Hg .....0,1	Ru .....0,5
Au .....0,1	Ho .....0,1	Sb .....0,5
B .....1	In .....0,1	Sc .....0,1
Ba .....0,1	K .....1	Se .....1
Be .....0,1	La .....0,1	Sm .....0,1
Bi .....0,1	Li .....0,1	Sn .....0,5
Ca .....1	Lu .....0,1	Sr .....0,1
Cd .....0,5	Mg .....1	Tb .....0,1
Ce .....0,1	Mn .....0,1	Te .....0,1
Co .....0,5	Mo .....0,1	Th .....0,1
Cr .....1	Na .....1	Ti .....0,5
Cs .....0,1	Nb .....0,1	Tl .....0,1
Cu .....0,5	Nd .....0,1	Tm .....0,1
Dy .....0,1	Ni .....0,5	U .....0,1
Er .....0,1	Pb .....0,1	V .....0,5
Eu .....0,1	Pd .....0,5	W .....0,1
Fe .....1	Pr .....0,1	Y .....0,1
Ga .....0,1	Pt .....0,5	Yb .....0,1
Gd .....0,1	Rb .....0,1	Zn .....0,5
		Zr .....0,1

Analysis Type:

Ag .....0,1	Hf .....0,1	Ru .....0,1
Al .....0,5	Hg .....0,02	Sb .....0,1
As .....0,1	Ho .....0,1	Sc .....0,1
Au .....0,1	In .....0,1	Se .....0,1
B .....0,5	K .....0,2	Sm .....0,1
Ba .....0,1	La .....0,1	Sn .....0,1
Be .....0,1	Li .....0,1	Sr .....0,1
Bi .....0,1	Lu .....0,1	Ta .....0,1
Ca .....0,5	Mg .....0,2	Tb .....0,1
Cd .....0,1	Mn .....0,1	Te .....0,1
Ce .....0,1	Mo .....0,1	Th .....0,1
Co .....0,1	Na .....0,2	Ti .....0,1
Cr .....0,5	Nb .....0,1	Tl .....0,1
Cs .....0,1	Nd .....0,1	Tm .....0,1
Cu .....0,1	Ni .....0,1	U .....0,1
Dy .....0,1	Pb .....0,1	V .....0,1
Er .....0,1	Pd .....0,1	W .....0,1
Eu .....0,1	Pr .....0,1	Y .....0,1
Fe .....0,5	Pt .....0,1	Yb .....0,1
Ga .....0,1	Rb .....0,1	Zn .....0,2
Gd .....0,1	Re .....0,1	Zr .....0,1
Ge .....0,1	Rh .....0,1	

Order code	Package	Units/Box st.
721037.0010	500 ml	6
721037.0011	1000 ml	6
721037.0012	2,5 l	4

Nitric Acid 69% (VLSI) EG

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314-H272

1l-1,411kg 1kg-0,709l

SPECIFICATIONS:

Assay69,0-70,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
Non-volatile matter0,0005 %
Chloride (Cl)0,00005 %
Phosphate (PO₄)0,00005 %
Sulphate (SO₄)0,00005 %
0,5 µm particles250 /ml

Metals by ICP [µ g/Kg (ppb)]

Ag .....10	Cr .....20	Ni .....10
Al .....20	Cu .....10	Pb .....20
As .....5	Fe .....100	Sb .....5
Au .....10	Ga .....20	Sn .....20
B .....10	K .....50	Sr .....20
Ba .....10	Li .....10	Ti .....20
Bi .....20	Mg .....50	V .....10
Ca .....100	Mn .....10	Zn .....50
Cd .....10	Mo .....20	
Co .....10	Na .....100	

Order code	Package	Units/Box st.
871037.1212	2,5 l	4

Nitric Acid 69% PA-ACS-ISO

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314-H272

1l-1,411kg 1kg-0,709l

SPECIFICATIONS:

Assay (Acidim.)68,0-70,0 %
Density at 20/41,410-1,420

MAXIMUM LIMIT OF IMPURITIES

APHA colour10
Residue on ignition (as SO₄)0,0005 %
Reducing substances to KMnO₄p/t
Chloride (Cl)0,00005 %
Phosphate (PO₄)0,0001 %
Nitrite (NO₂)0,0005 %
Sulphate (SO₄)0,0001 %
Heavy metals (as Pb)0,00002 %
As0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,02	Fe .....0,2	Pb .....0,02
Al .....0,1	Ga .....0,05	Pt .....0,1
Au .....0,1	Ge .....0,02	Sb .....0,02
B .....0,05	Hg .....0,1	Si .....0,1
Ba .....0,02	In .....0,05	Sn .....0,05
Be .....0,02	K .....0,1	Sr .....0,02
Bi .....0,05	Li .....0,02	Ti .....0,05
Ca .....0,5	Mg .....0,1	Tl .....0,02
Cd .....0,01	Mn .....0,01	V .....0,02
Co .....0,02	Mo .....0,02	Zn .....0,05
Cr .....0,1	Na .....0,5	Zr .....0,05
Cu .....0,01	Ni .....0,05	

Order code	Package	Units/Box st.
131037.1611	1000 ml	6
131037.2211	1000 ml	6
131037.1612	2,5 l	4
131037.2212	2,5 l	4
131037.1214	5 l	4
131037.0816	25 l	
131037.0817	50 l	

Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX

HNO₃
M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger

H314-H272
1l-1,411kg 1kg-0,709l

SPECIFICATIONS:
Assay (Acidim.).....69,0-70,0 %
Identity according to Pharmacopoeias p/t
Density at 20/4 1,410 - 1,420

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Clarity and colour p/t
Residue on ignition (as SO₂) 0,0005 %
Residual solvents (Ph.Eur./USP)..... p/t
Chloride (Cl).....0,00005 %
Sulphate (SO₄)0,0001 %
Heavy metals (as Pb).....0,00002 %
As0,000001 %
Cu0,00002 %
Fe0,00002 %
Pb0,00002 %
Zn0,00002 %

Order code	Package	Units/Box st.
141037.1611	1000 ml	6
141037.1612	2,5 l	4
141037.1214	5 l	4
141037.0816	25 l	
141037.0817	50 l	

Nitric Acid 65% (TMA) ANALPUR

HNO₃
M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger

H314
1l-1,395kg 1kg-0,717l

SPECIFICATIONS:
Assay (Acidim.).....62-65 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,0002 %
Chloride (Cl).....0,00005 %
Phosphate (PO₄)0,000001 %
Sulphate (SO₄)0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,001	Cu .....0,005	Na .....0,3
Al .....0,02	Fe .....0,1	Ni .....0,01
As .....0,001	Ga .....0,005	Pb .....0,005
Au .....0,005	Ge .....0,005	Sn .....0,02
Ba .....0,005	Hg .....0,002	Sr .....0,001
Be .....0,001	In .....0,002	Ti .....0,001
Bi .....0,005	K .....0,05	Tl .....0,001
Ca .....0,1	Li .....0,001	V .....0,001
Cd .....0,001	Mg .....0,02	Zn .....0,01
Co .....0,001	Mn .....0,002	Zr .....0,001
Cr .....0,02	Mo .....0,001	

Order code	Package	Units/Box st.
383255.1609	250 ml	6

Nitric Acid 65% (max. 0,000005% Hg) PA

HNO₃
M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger

H314
1l-1,395kg 1kg-0,717l

SPECIFICATIONS:
Assay (Acidim.).....63-65 %
Density at 20/4≥1,39

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
Residue on ignition (as SO₂) 0,0005 %
Reducing substances to KMnO₄ p/t
Chloride (Cl).....0,00005 %
Phosphate (PO₄)0,0001 %
Nitrite (NO₂)0,0005 %
Sulphate (SO₄)0,0002 %
Heavy metals (as Pb).....0,00002 %
Hg0,0000005 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,02	Cu .....0,01	Pb .....0,02
Al .....0,05	Fe .....0,2	Pt .....0,1
As .....0,01	Ga .....0,05	Sb .....0,02
Au .....0,1	Ge .....0,02	Si .....0,1
B .....0,05	In .....0,05	Sn .....0,05
Ba .....0,02	K .....0,1	Sr .....0,02
Be .....0,02	Li .....0,02	Ti .....0,05
Bi .....0,05	Mg .....0,1	Tl .....0,02
Ca .....0,5	Mn .....0,01	V .....0,02
Cd .....0,01	Mo .....0,02	Zn .....0,05
Co .....0,02	Na .....0,5	Zr .....0,05
Cr .....0,1	Ni .....0,05	

Order code	Package	Units/Box st.
473255.1611	1000 ml	6
473255.1612	2,5 l	4

Nitric Acid 65% PA-ISO

HNO₃
M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger

H314
1l-1,395kg 1kg-0,717l

SPECIFICATIONS:
Minimum assay (Acidim.).....65 %
Density at 20/4≥1,39

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
Residue on ignition (as SO₂) 0,0005 %
Reducing substances to KMnO₄ p/t
Chloride (Cl).....0,00005 %
Phosphate (PO₄)0,0001 %
Nitrite (NO₂)0,0005 %
Sulphate (SO₄)0,0002 %
Heavy metals (as Pb).....0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,02	Cu .....0,01	Ni .....0,05
Al .....0,1	Fe .....0,2	Pb .....0,02
As .....0,01	Ga .....0,05	Pt .....0,1
Au .....0,1	Ge .....0,02	Sb .....0,02
B .....0,05	Hg .....0,1	Si .....0,1
Ba .....0,02	In .....0,05	Sn .....0,05
Be .....0,02	K .....0,1	Sr .....0,02
Bi .....0,05	Li .....0,02	Ti .....0,05
Ca .....0,5	Mg .....0,1	Tl .....0,02
Cd .....0,01	Mn .....0,01	V .....0,02
Co .....0,02	Mo .....0,02	Zn .....0,05
Cr .....0,1	Na .....0,5	Zr .....0,05

Order code	Package	Units/Box st.
133255.1611	1000 ml	6
133255.2211	1000 ml	6
133255.1612	2,5 l	4
133255.2212	2,5 l	4
133255.0816	25 l	

Nitric Acid 65% PRS

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l-1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	65 %
Residue on ignition (as SO ₂)	0,005 %
Chloride (Cl)	0,0005 %
Sulphate (SO ₄)	0,001 %
As	0,000005 %
Cu	0,00005 %
Fe	0,0001 %
Pb	0,00005 %

Order code	Package	Units/Box st.
143255.1611	1000 ml	6
143255.1612	2,5 l	4
143255.1214	5 l	4
143255.0816	25 l	

Nitric Acid 65% QP

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l-1,395kg 1kg~0,717l

SPECIFICATIONS:

Assay (Acidim.)	65 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,005 %

Order code	Package	Units/Box st.
213255.1611	1000 ml	6
213255.1214	5 l	4
213255.0716	25 l	
213255.0718	60 l	

Nitric Acid 53% PA

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l-1,333kg 1kg~0,750l

SPECIFICATIONS:

Assay (Acidim.)	53-54 %
Density at 20/4	1,330-1,335

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Residue on ignition (as SO ₂)	0,0005 %
Reducing substances to KMnO ₄	p/t
Chloride (Cl)	0,00005 %
Phosphate (PO ₄)	0,0001 %
Nitrite (NO ₂)	0,0005 %
Sulphate (SO ₄)	0,0002 %
Heavy metals (as Pb)	0,00002 %
As	0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,02	Fe	0,2	Pb	0,02
Al	0,05	Ga	0,05	Pt	0,1
Au	0,1	Ge	0,02	Sb	0,02
B	0,05	Hg	0,1	Si	0,1
Ba	0,02	In	0,05	Sn	0,05
Be	0,02	K	0,1	Sr	0,02
Bi	0,05	Li	0,02	Ti	0,05
Ca	0,5	Mg	0,1	Tl	0,02
Cd	0,01	Mn	0,01	V	0,02
Co	0,02	Mo	0,02	Zn	0,05
Cr	0,1	Na	0,5	Zr	0,05
Cu	0,01	Ni	0,05		

Order code	Package	Units/Box st.
121737.1611	1000 ml	6
121737.1612	2,5 l	4
121737.1214	5 l	4
121737.0816	25 l	
121737.0817	50 l	

NITRIC ACID VOLUMETRIC SOLUTIONS

Nitric Acid 0,1 mol/l (0,1N) SV

Indicator: Methyl Red

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813

1l-1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181040.1611	1000 ml	6

Nitric Acid 0,5 mol/l (0,5N) SV

Indicator: Methyl Red

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813

Signal Word: Warning



H319-H315

1l-1,019kg 1kg~0,981l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182111.1611	1000 ml	6

Nitric Acid 1 mol/l (1N) SV

Indicator: Methyl Red

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813

Signal Word: Danger



H314

1l-1,036kg 1kg~0,965l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181039.1611	1000 ml	6

Nitric Acid 2 mol/l (2N) SV

Indicator: Methyl Red

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 807 CAO: 813

Signal Word: Danger



H314

1l-1,07kg 1kg~0,93l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182112.1611	1000 ml	6

Nitric Acid 4 mol/l (4N) RV

for the chloride content determination in cheese and processed cheese products by potentiometric titration method according to ISO 5943:2004

HNO₃

M: 63,01 CAS: 7697-37-2 EINECS: 231-714-2 NC: 2808 00 00 UN: 2031
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l-1,140kg 1kg~0,877l

SPECIFICATIONS:

Titer1,00±0,01

Order code	Package	Units/Box st.
286195.1611	1000 ml	6

Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS

C₆H₅NO₂

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Acidim.)..... 98,0 %
Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... p/t.
Insoluble matter in NH₄OH..... 0,005 %
Residue on ignition (as SO₂)..... 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag..... 5	Cu..... 10	Pb..... 10
Al..... 10	Fe..... 50	Sb..... 5
Ba..... 5	Ga..... 5	Sn..... 5
Be..... 5	In..... 5	Sr..... 5
Bi..... 5	Li..... 5	Ti..... 5
Ca..... 100	Mg..... 50	V..... 5
Cd..... 5	Mn..... 5	Zn..... 5
Co..... 5	Mo..... 5	
Cr..... 5	Ni..... 10	

Order code	Package	Units/Box st.
132346.1209	250 g	6

Nitrile tri-Acetic Acid PRS

C₆H₅NO₂

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Acidim.)..... 98 %
Identity..... IR p/t.
Insoluble matter in NH₄OH..... 0,025 %
Residue on ignition (as SO₂)..... 0,2 %
Cu..... 0,002 %
Fe..... 0,01 %
Ni..... 0,002 %
Pb..... 0,002 %

Order code	Package	Units/Box st.
142346.1208	100 g	6
142346.1209	250 g	6
142346.0914	5 kg	

Nitrile tri-Acetic Acid, 98% PS

C₆H₅NO₂

M: 191,14 CAS: 139-13-9 EINECS: 205-355-7 NC: 2926 90 95

Signal Word: Warning

H302

SPECIFICATIONS:

Assay..... 98 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
152346.1208	100 g	6
152346.1210	500 g	6

2,2',2''-Nitrilotriethanol

(see Triethanolamine)

NITRITE SOLUTION

(see Standards for Ionic Chromatography)

3-Nitroaniline, 98% PS

NO₂C₆H₄NH₂

M: 138,12 CAS: 99-09-2 EINECS: 202-729-1 NC: 2921 42 10 UN: 1661

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger

H331-H311-H301-H373-H412

SPECIFICATIONS:

Minimum assay..... 98 %
Identity..... IR p/t.
Melting range..... 112-115°C

Order code	Package	Units/Box st.
15A921.1608	100 g	6
15A921.1610	500 g	6

4-Nitroaniline, 98% PS

O₂NC₆H₄NH₂

M: 138,13 CAS: 100-01-6 EINECS: 202-810-1 NC: 2921 42 10 UN: 1661

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger

H331-H311-H301-H373-H412

SPECIFICATIONS:

Minimum assay..... 98 %

Order code	Package	Units/Box st.
15A922.1608	100 g	6
15A922.1610	500 g	6

5-Nitroanthranilic Acid

(see 2-Amino-5-Nitrobenzoic Acid)

2-Nitrobenzaldehyde, 99% PS

C₇H₅NO₃

M: 151,12 CAS: 552-89-6 EINECS: 209-025-3 NC: 2913 00 00

Signal Word: Warning

H319-H335-H315

Minimum assay..... 99 %

Order code	Package	Units/Box st.
15A127.1606	25 g	6
15A127.1608	100 g	6

Nitrobenzene (Reag. Ph. Eur.) PA-ACS

C₆H₅NO₂

M: 123,11 CAS: 98-95-3 EINECS: 202-716-0 NC: 2904 20 00 UN: 1662

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger

H331-H311-H301-H351-H372-H411-H361f

1l-1,203kg 1kg-0,831l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,5 %
Identity..... IR p/t.
Density at 20/4..... 1,201-1,205
Freezing point..... 5-6°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter..... 0,005 %
1,2-Dinitrobenzene (G.C.)..... 0,005 %
1,3-Dinitrobenzene (G.C.)..... 0,005 %
1,4-Dinitrobenzene (G.C.)..... 0,005 %
Acidity..... 0,0004 meq/g
Water (H₂O)..... 0,05 %
Chloride (Cl)..... 0,0005 %
Ca..... 0,00005 %
Cd..... 0,000005 %
Co..... 0,000002 %
Cr..... 0,000002 %
Cu..... 0,000002 %
Fe..... 0,00001 %
Mg..... 0,00001 %
Mn..... 0,000002 %
Ni..... 0,000002 %
Pb..... 0,00001 %
Zn..... 0,00001 %

Order code	Package	Units/Box st.
131447.1611	1000 ml	6
131447.1612	2,5 l	4
131447.1214	5 l	4

Nitrobenzene, 99% PS

C₆H₅NO₂

M: 123,11 CAS: 98-95-3 EINECS: 202-716-0 NC: 2904 20 00 UN: 1662

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger

H331-H311-H301-H351-H372-H411-H361f

1l-1,203kg 1kg-0,831l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99 %
Identity..... IR p/t.
Density at 20/4..... 1,201-1,205
Freezing point..... 5-6°C
Water (H₂O)..... 0,05 %

Order code	Package	Units/Box st.
161447.1211	1000 ml	6
161447.1212	2,5 l	4
161447.1214	5 l	4

N

2-Nitrobenzyl Alcohol, 99% PS

C₇H₇NO₂

M: 153,14 CAS: 612-25-9 EINECS: 210-302-6 NC: 2906 29 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A145.1606	25 g	6
15A145.1608	100 g	6

4-Nitrobenzyl Bromide, 98% PS

C₇H₆BrNO₂

M: 216,04 CAS: 100-11-8 EINECS: 202-820-6 NC: 2904 90 40 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Melting range 98-100°C

Order code	Package	Units/Box st.
15A650.1606	25 g	6
15A650.1608	100 g	6

2-Nitrocinnamic Acid, 98% PS

C₉H₇NO₄

M: 193,16 CAS: 612-41-9 EINECS: 210-309-4 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 98 %

Identity IR p/t

Order code	Package	Units/Box st.
15C137.1606	25 g	6
15C137.1608	100 g	6

3-Nitrocinnamic Acid, 99% PS

C₉H₇NO₄

M: 193,16 CAS: 555-68-0 EINECS: 209-104-2 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 99 %

Identity IR p/t

Order code	Package	Units/Box st.
15C142.1606	25 g	6
15C142.1608	100 g	6

4-Nitrocinnamic Acid, 97% PS

C₉H₇NO₄

M: 193,16 CAS: 619-89-6 EINECS: 210-617-9 NC: 2916 39 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Assay 97 %

Identity IR p/t

Order code	Package	Units/Box st.
15C147.1606	25 g	6
15C147.1608	100 g	6

Nitroethane PRS

CH₃CH₂NO₂

M: 75,07 CAS: 79-24-3 EINECS: 201-188-9 NC: 2904 20 00 UN: 2842

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H302

1l~1,046kg 1kg~0,956l

SPECIFICATIONS:

Assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 1,046-1,050

Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
146340.1611	1000 ml	6

NITROGEN SOLUTIONS

(see Standards for ICP and Ionic Chromatography)

5-Nitroindole, 98% PS

C₈H₆N₂O₂

M: 162,15 CAS: 6146-52-7 EINECS: 228-153-0 NC: 2933 99 90

Signal Word: Warning



H351

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A327.1604	5 g	6
15A327.1606	25 g	6

Nitromethane (Reag. USP, Ph. Eur.) PA-ACS

CH₃NO₂

M: 61,04 CAS: 75-52-5 EINECS: 200-876-6 NC: 2904 20 00 UN: 1261

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: P

Signal Word: Danger



H226-H302

1l~1,138kg 1kg~0,879l

SPECIFICATIONS:

Minimum assay (G.C.) 98,0 %

Identity IR p/t

Density at 20/20 1,132-1,134

Refractive Index n_D²⁰ 1,381-1,383

Boiling range (>95% dist.) 100-103°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter p/t

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
131970.1611	1000 ml	6
131970.1214	5 l	4
131970.0716	25 l	1

Nitromethane, 98% PS

CH₃NO₂

M: 61,04 CAS: 75-52-5 EINECS: 200-876-6 NC: 2904 20 00 UN: 1261

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: P

Signal Word: Danger



H226-H302

1l~1,138kg 1kg~0,879l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 1,135-1,140

Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
161970.1609	250 ml	6
161970.1611	1000 ml	6

2-Nitrophenol, 98% PS

C₆H₅NO₂

M: 139,11 CAS: 88-75-5 EINECS: 201-857-5 NC: 2908 99 90 UN: 1663

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Melting range 43-45°C

Order code	Package	Units/Box st.
15A636.1609	250 g	6

3-Nitrophenol, 98% PS

C₆H₅NO₂

M: 139,11 CAS: 554-84-7 EINECS: 209-073-5 NC: 2908 99 90 UN: 1663

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A406.1605	10 g	6
15A406.1607	50 g	6

4-Nitrophenol PA

pH indicator 5,0 colourless; 7,6 yellow
 $C_6H_5NO_3$
 M: 139,11 CAS: 100-02-7 EINECS: 202-811-7 NC: 2908 99 90 UN: 1663
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:
 Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Melting range 112-115°C

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 colourless 5,0
 yellow 7,6
 Insoluble matter in C_2H_5OH p/t.
 Residue on ignition (as SO_2) 0,05 %

Order code	Package	Units/Box st.
122031.1606	25 g	6
122031.1608	100 g	6

4-Nitrophenol, 98% PS

$C_6H_5NO_3$
 M: 139,11 CAS: 100-02-7 EINECS: 202-811-7 NC: 2908 99 90 UN: 1663
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H332-H312-H302-H373

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Melting range 112-115°C

Order code	Package	Units/Box st.
162031.1609	250 g	6

4-(4-Nitrophenylazo)-Resorcinol

(see Magneson I)

4-Nitrophenyl Chloroformate, 95% PS

$C_7H_5ClNO_4$
 M: 201,57 CAS: 7693-46-1 EINECS: 231-706-9 NC: 2915 90 20 UN: 3261
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314

SPECIFICATIONS:
 Minimum assay 95 %

Order code	Package	Units/Box st.
15A136.1604	5 g	6
15A136.1608	100 g	6

5-Nitrosalicylaldehyde, 98% PS

$C_7H_5NO_3$
 M: 167,12 CAS: 97-51-8 EINECS: 202-587-0 NC: 2913 00 00
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15C007.1604	5 g	6
15C007.1606	25 g	6

1-Nitroso-2-Naphthol (C.I. 10005) PA

Co reagent
 $C_{10}H_7(OH)NO$
 M: 173,17 CAS: 131-91-9 EINECS: 205-043-0 NC: 2908 99 90

SPECIFICATIONS:
 Minimum assay (HPLC) 98 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH p/t.
 Sensitivity to Co p/t.

Order code	Package	Units/Box st.
121093.1606	25 g	6

α -Nitroso- β -Naphthol

(see 1-Nitroso-2-Naphthol)

1-Nitroso-2-Naphthol-3,6-Disulphonic Acid Disodium Salt

(see Nitroso R Salt)

Nitroso R Salt PA

Co reagent
 $C_{10}H_7NNa_2O_5S_2$
 M: 377,26 CAS: 525-05-3 EINECS: 208-369-1 NC: 2908 99 90
 Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:
 Minimum assay (HPLC) 95,0 %
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O p/t.
 Loss on drying at 105°C 1 %
 Sensitivity to Co p/t.

Order code	Package	Units/Box st.
122753.1606	25 g	6
122753.1608	100 g	6

N-Nitrosophenylhydroxylamine Ammonium Salt

(see Cupferron)

4-Nitro-o-Toluidine

(see 2-Methyl-4-Nitroaniline)

Nitrous Acid Ethyl Ester

(see Ethyl Nitrite)

Nitrous Acid Isobutyl Ester

(see Isobutyl Nitrite)

Nitrous R Salt

(see Nitroso R Salt)

NMM

(see N-Methylmorpholine)

NMP

(see 1-Methyl-2-Pyrrolidone)

NMR, Tubes

(see Tubes NMR)

Nonyl Bromide

(see 1-Bromononane)

NTA

(see Nitrile tri-Acetic Acid)

Octadecanoic Acid

(see Stearic Acid)

Octadecanoic Acid Magnesium Salt

(see Magnesium Stearate)

Octadecanoic Acid Methyl Ester

(see Methyl Stearate)

1-Octadecanol

(see Stearyl Alcohol)

Octadecyl Alcohol

(see Stearyl Alcohol)

n-Octane, 99% PS

C_8H_{18}
 M: 114,23 CAS: 111-65-9 EINECS: 203-892-1 NC: 2901 10 00 UN: 1262
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H304-H336-H410

1l-0,703kg 1kg-1,422l

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,701-0,705
 Water (H_2O) 0,02 %

Order code	Package	Units/Box st.
163520.1609	250 ml	6
163520.1611	1000 ml	6
163520.1714	5 l	4

iso-Octane

(see Isooctane)

1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography

$C_{10}H_{17}NaO_3S$

M: 216,28 CAS: 5324-84-5 EINECS: 226-195-4 NC: 2904 10 00

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.) calc. a.d.s. 99,0 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O) 2 %
UV Spectrum 0,005 mol/l solution
UV Spectrum (1 cm cell. Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
363995.1604	5 g	6
363995.1605	10 g	6

Octanoic Acid PRS

$CH_3-(CH_2)_6-COOH$

M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Density at 20/20 0,909-0,912
Residue on ignition (as SO₂) 0,05 %
Iodine value 2
Water (H₂O) 0,3 %
As 0,0001 %
Cu 0,0005 %
Fe 0,001 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
142786.1611	1000 ml	6
142786.1214	5 l	4

Octanoic Acid (RFE, BP, Ph. Eur.) CODEX

$C_8H_{16}O_2$

M.= 144,21 CAS [124-07-2] EINECS 204-677-5 NC: 2915 90 00

E -570 RTECS: RH 0175000 LD₅₀ oral rat 10080 mg/Kg

UN: 3265 ADR: 8/III IMDG: 8/III IATA: 8/III PAX: 818 CAO: 820 (E)

Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias p/t.
Density at 20/20 0,909-0,912

MAXIMUM LIMIT OF IMPURITIES

Appearance:

Clear ≤Reference suspension I or ≤3NTU
Color ≤Reference solution Y_s
Residue on ignition (as SO₂) 0,1 %
Related substances (G.C.)
Individual peak 0,3 %
Total 0,5 %
Water (H₂O) 0,7 %
Heavy metals (as Pb) 10 ppm
Residual metals ICP: (as EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm
Residual solvents (Ph.Eur.6.0): excluded by manufacturing process.

Order code	Package	Units/Box st.
192786.1214	5 l	4
192786.0716	25 l	4

Octanoic Acid (E-570, F.C.C.) ADITIO

$CH_3-(CH_2)_6-COOH$

M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:

Assay (G.C.), not less than 98 %
Solidification point 8-15°C
Residue on ignition, not more than 0,1 %
Unsaponifiable matter, not more than 0,2 %
Acidity value 366-396
Saponification value 366-398
Iodine value, not more than 2,0
Water, not more than 0,2 %
Arsenic, not more than 3 ppm
Mercury, not more than 1 ppm
Lead, not more than 0,1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202786.1214	5 l	4

Octanoic Acid, 99% PS

$CH_3-(CH_2)_6-COOH$

M: 144,21 CAS: 124-07-2 EINECS: 204-677-5 NC: 2915 90 80 UN: 3265

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Danger



H314

1l~0,910kg 1kg~1,099l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,909-0,911

Order code	Package	Units/Box st.
162786.1611	1000 ml	6
162786.1214	5 l	4
162786.0716	25 l	4

Octanoic Acid Chloride

(see Octanoyl Chloride)

Octanoic Acid Methyl Ester

(see Methyl Octanoate)

1-Octanol (Reag. USP) PA-ACS

$C_8H_{18}O$

M: 130,23 CAS: 111-87-5 EINECS: 203-917-6 NC: 2905 16 80 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H319-H315

1l~0,825kg 1kg~1,212l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t.
Density at 20/4 0,824-0,826

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,004 %
Acidity 0,0002 meq/g
Water (H₂O) 0,1 %
Ca 0,00005 %
Cd 0,000005 %
Co 0,000002 %
Cr 0,000002 %
Cu 0,000002 %
Fe 0,00001 %
Mg 0,00001 %
Mn 0,000002 %
Ni 0,000002 %
Pb 0,00001 %
Zn 0,00001 %

Order code	Package	Units/Box st.
133386.1610	500 ml	6

1-Octanol, 99% PS

C8H18O
M: 130,23 **CAS:** 111-87-5 **EINECS:** 203-917-6 **NC:** 2905 16 80 **UN:** 3082
IMDG: 9/III **ADR:** 9/III **IATA:** 9/III **PAX:** 914 **CAO:** 914
Signal Word: Warning

H319-H315
 1l-0,825kg 1kg-1,212l

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,824-0,826
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
163386.1611	1000 ml	6
163386.1612	2,5 l	4
163386.1214	5 l	4

Octanoyl Chloride, 98% PS

C8H17ClO
M: 162,66 **CAS:** 111-64-8 **EINECS:** 203-891-6 **NC:** 2915 90 80 **UN:** 3265
IMDG: 8/II **ADR:** 8/II **IATA:** 8/II **PAX:** 808 **CAO:** 812
Signal Word: Danger

EUH014-H314-H302-H335
 1l-0,951kg 1kg-1,051l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 0,946-0,951

Order code	Package	Units/Box st.
15A844.1608	100 ml	6
15A844.1610	500 ml	6

1-Octene, 97% PS

C8H16
M: 112,22 **CAS:** 111-66-0 **EINECS:** 203-893-7 **NC:** 2901 29 00 **UN:** 1993
IMDG: 3/II **ADR:** 3/II **IATA:** 3/II **PAX:** 305 **CAO:** 307
Signal Word: Danger

H225
 1l-0,715kg 1kg-1,398l

SPECIFICATIONS:
 Minimum assay (G.C.) 97 %
 Identity IR p/t.
 Density at 20/4 0,714-0,716
 Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
15A614.1609	250 ml	6
15A614.1611	1000 ml	6

iso-Octyl Alcohol

(see 2-Ethyl-1-Hexanol)

Oenanthalic Acid

(see Heptanoic Acid)

OIL STANDARD

(see Standard for Oils)

Oleic Acid (USP) PRS-CODEX

C18H34O2
M: 282,47 **CAS:** 112-80-1 **EINECS:** 204-007-1 **NC:** 3823 12 00
Signal Word: Warning

H319-H335-H315
 1l-0,890kg 1kg-1,123l

SPECIFICATIONS:
 Density at 25/25 0,889-0,895
 Identity IR p/t.
 Freezing point 3-10°C
 Acidity value 196-204
 Iodine value 85-95

MAXIMUM LIMIT OF IMPURITIES
 Residue on ignition (as SO₂) 0,01 %
 Mineral acids p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Neutral fats or mineral oil p/t.
 Animal origin.
 Non-added stabilizers.

Order code	Package	Units/Box st.
142659.1611	1000 ml	6
142659.1214	5 l	4
142659.0716	25 l	4

Orange II (C.I. 15510) PA

C16H11N3NaO5S
M: 350,33 **CAS:** 633-96-5 **EINECS:** 211-199-0 **NC:** 3204 16 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in H₂O 484-487 nm
 A 1%, 1cm, λ_{max} >450
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 5 %
 Cu 0,005 %
 Fe 0,01 %
 Ni 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
121814.1606	25 g	6
121814.1608	100 g	6

Orange II (C.I. 15510) DC

for microscopy and histology
C16H11N3NaO5S
M: 350,33 **CAS:** 633-96-5 **EINECS:** 211-199-0 **NC:** 3204 16 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in H₂O 484-487 nm
 A 1%, 1cm, λ_{max} >450
 Ratio λ_{max}. P ± 15 nm 0,93-0,98
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 5 %

Order code	Package	Units/Box st.
251814.1606	25 g	6

Orange G (C.I. 16230) PA

for microscopy
C16H10N2NaO7S2
M: 452,36 **CAS:** 1936-15-8 **EINECS:** 217-705-6 **NC:** 3204 12 00

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in H₂O 476-481
 A 1%, 1 m, λ_{max} >380
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
123596.1606	25 g	6

Orcein DC

for microscopy, chromosome staining
CAS: 1400-62-0 **EINECS:** 215-750-6 **NC:** 3203 00 10

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in NaOH 0,01 mol/l 575-580 nm
 A 1%, 1 cm, λ_{max} >500
 Ratio λ_{max}. P ± 15 nm 0,98-1,18
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,005 %
 Hg 0,0001 %
 Mn 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Se 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
251324.1604	5 g	6
251324.1606	25 g	6

ORCEIN SOLUTIONS

Orcein solution A hydroacetic-hydrochloric solution DC

for microscopy, chromosome staining
NC: 3203 00 10 **UN:** 1760
IMDG: 8/II **ADR:** 8/II **IATA:** 8/II **PAX:** 808 **CAO:** 812
Signal Word: Danger

H314
 1l-1,062kg 1kg-0,942l
Composition:
 Orcein 2,0 g
 Acetic Acid 45,8 ml
 Hydrochloric Acid 1 mol/l 8,3 ml
 Water 45,8 ml

Order code	Package	Units/Box st.
251993.1208	100 ml	6
251993.1209	250 ml	6

Orcein solution B hydroacetic solution DC

for microscopy, chromosome staining

NC: 3203 00 10 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,065kg 1kg~0,939l

Composition:

Orcein2,0 g
Acetic Acid55 ml
Water55 ml

Order code **Package** **Units/Box st.**

251994.1208	100 ml	6
251994.1209	250 ml	6

Orcinol

(see 3,5-Dihydroxytoluene 1-hydrate)

L-Ornithine Hydrochloride, 99% PS

C₅H₁₂N₂O₂·HCl

M: 168,62 CAS: 3184-13-2 EINECS: 221-678-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 99 %

Order code **Package** **Units/Box st.**

15A356.1606	25 g	6
15A356.1608	100 g	6

Osmic Acid

(see Osmium(VIII) Oxide)

OSMIUM SOLUTION

(see Standards for ICP)

Osmium(VIII) Oxide PA-ACS

OsO₄

M: 254,20 CAS: 20816-12-0 EINECS: 244-058-7 NC: 2843 90 90 UN: 2471

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 608 CAO: 608

Signal Word: Danger



H330-H314-H302-H332-H334

SPECIFICATIONS:

Minimum assay 99,8 %
Identity p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.

Order code **Package** **Units/Box st.**

132901.0201	0,1 g	6
132901.0202	0,5 g	6
132901.0203	1 g	6

Osmium(VIII) Oxide solution 4% DC

for electron microscopy

OsO₄

M: 254,20 CAS: 20816-12-0 EINECS: 244-058-7 NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H331-H311-H301-H319-H315

1l-1,03kg 1kg~0,97l

Composition:

Osmium(VIII) Oxide40 g
Water s.q.m.1000 ml

Order code **Package** **Units/Box st.**

255793.1604	5 ml	6
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Osmium Tetroxide

(see Osmium(VIII) Oxide)

Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

(COOH)₂·2H₂O

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.)99,5-102,5 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Residue on ignition (as SO₃) 0,01 %
Darkened substances by H₂SO₄ p/t.
Nitrogen compounds (as N) 0,001 %
Chloride (Cl) 0,0005 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 2	Cu 5	Pb 5
Al 2	Fe 2	Sb 2
Au 2	Ga 2	Si 5
B 2	Ge 2	Sr 2
Ba 15	In 2	Ti 2
Be 2	K 50	Tl 2
Bi 5	Mg 10	V 2
Ca 10	Mn 2	Zn 2
Cd 2	Mo 2	Zr 2
Co 2	Na 50	
Cr 2	Ni 5	

Order code **Package** **Units/Box st.**

131041.1210	500 g	6
131041.1211	1000 g	6
131041.1214	5 kg	6
131041.0416	25 kg	6

Oxalic Acid 2-hydrate PRS

(COOH)₂·2H₂O

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 99 %
Identity IR p/t.
Insoluble matter in H₂O 0,01 %
Residue on ignition (as SO₃) 0,05 %
Nitrogen compounds (as N) 0,005 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
Ca 0,005 %
Cu 0,001 %
Fe 0,001 %
Mg 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code **Package** **Units/Box st.**

141041.1210	500 g	6
141041.1211	1000 g	6
141041.1214	5 kg	6
141041.0416	25 kg	6

Oxalic Acid 2-hydrate, 99% PS

(COOH)₂·2H₂O

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code **Package** **Units/Box st.**

151041.1208	100 g	6
151041.1210	500 g	6

OXALIC ACID VOLUMETRIC SOLUTIONS

Oxalic Acid 0,025 mol/l (0,05N) SV

C₂H₂O₄·2H₂O

M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00

1l-1,003kg 1kg~0,997l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code **Package** **Units/Box st.**

182123.1211	1000 ml	6
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Oxalic Acid 0,05 mol/l (0,1N) SV

C₂H₂O₄·2H₂O
 M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00
 1l-1,002kg 1kg-0,998l
 SPECIFICATIONS:
 Titer1,000 ±0,001

Order code	Package	Units/Box st.
181043.1211	1000 ml	6

Oxalic Acid 0,05 mol (6,303g C₂H₂O₄) to prepare 1 l of 0,1N solution SVc

C₂H₂O₄·2H₂O
 M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00
 Signal Word: Warning

H312-H302
 SPECIFICATIONS:
 Titer1,000 ±0,002

Order code	Package	Units/Box st.
303113.1920	1 ampoule	6

Oxalic Acid 0,5 mol/l (1N) SV

C₂H₂O₄·2H₂O
 M: 126,07 CAS: 6153-56-6 EINECS: 205-634-3 NC: 2917 11 00
 Signal Word: Warning

H312-H302
 1l-1,019kg 1kg-0,981l
 SPECIFICATIONS:
 Titer1,000 ±0,001

Order code	Package	Units/Box st.
181042.1211	1000 ml	6

Oxalic Acid Bis (Cyclohexylidene hydrazide) PA

mercaptan reagent, tiophens and copper(I) ions
 C₁₄H₂₂N₄O₂
 M: 278,36 CAS: 370-81-0 EINECS: 206-729-2 NC: 2933 99 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

SPECIFICATIONS:
 Identity IR p/t.
 MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in C₂H₅OH p/t.
 Residue on ignition (as SO₄) 0,05 %
 Sensitivity to Cu p/t.

Order code	Package	Units/Box st.
123137.1606	25 g	6

Oxalic Acid Diethyl Ester

(see Diethyl Oxalate)

Oxalic Acid Hemipotassium Salt

(see Potassium tetra-Oxalate 2-hydrate)

Oxalyl Chloride, 98% PS

C₂Cl₂O₂
 M: 126,93 CAS: 79-37-8 EINECS: 201-200-2 NC: 2917 19 90 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

EUH014-H331-H311-H301-H314

1l-1,473kg 1kg-0,679l
 SPECIFICATIONS:
 Minimum assay (Arg.) 98 %
 Identity IR p/t.
 Density at 20/4 1,471-1,475

Order code	Package	Units/Box st.
15A846.1606	25 ml	6
15A846.1608	100 ml	6

Ox Bile (Ingredient) CULTIMED

Product used to stimulate the growth of enteric bacteria.
 NC: 0510 00 00

SPECIFICATIONS:
 pH of 2% solution 6,0-8,5
 Loss on drying at 105°C 6 %
 Cholic Acid ≥40 %

Order code	Package	Units/Box st.
403685.1210	500 g	6
403685.0914	5 kg	
403685.0416	25 kg	

OXI-OLEO-TEST RE

for determination of the degree of deterioration of fried fats and oils. 60 tests
 NC: 3822 00 00 UN: 2924
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H332-H302-H314-H318-H336

Comprised of:
 2x100 ml OXI-OLEO-TEST Reagent 1
 1x20 ml OXI-OLEO-TEST Reagent 2
 1 Plastic case
 1 Plastic syringe of 5 ml
 2 Test tubes with stopper
 1 Scoop
 1 Colour scale
 1 Instructions sheet

Order code	Package	Units/Box st.
175145.0922	pack	6

OXI-OLEO-TEST Refill RE

30 tests
 NC: 3822 00 00 UN: 2924
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H332-H302-H314-H318-H336

Comprised of:
 1x100 ml OXI-OLEO-TEST Reagent 1
 1x20 ml OXI-OLEO-TEST Reagent 2

Order code	Package	Units/Box st.
175164.0922	pack	6

2-Oxoglutaric Acid PRS

C₈H₆O₅
 M: 146,02 CAS: 328-50-7 EINECS: 206-330-3 NC: 2918 30 00
 Signal Word: Danger



H318

SPECIFICATIONS:
 Assay (Acidim.) 99 %
 Identity IR p/t.
 Melting range 114-116°C
 Insoluble matter in H₂O p/t.
 Loss on drying at 80°C 0,5 %
 Residue on ignition (as SO₄) 0,05 %
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,02 %
 As 0,0001 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
142384.1607	50 g	6

PABA

(see 4-Aminobenzoic Acid)

PALLADIUM SOLUTIONS

(see Standards for ICP)

Palladium-Charcoal Activated (5% Pd) PS

Pd
 M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00
 SPECIFICATIONS:
 Assay (as Pd) ~5 %

Order code	Package	Units/Box st.
15A363.1604	5 g	6
15A363.1608	100 g	6

Palladium-Charcoal Activated (10% Pd) PS

Pd
 M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00
 SPECIFICATIONS:
 Assay (as Pd) ~10 %

Order code	Package	Units/Box st.
15A331.1604	5 g	6
15A331.1607	50 g	6

Palladium 5% on Calcium Carbonate, poisoned with lead PS

Pd

M: 106,42 CAS: 7440-05-3 EINECS: 231-115-6 NC: 7110 21 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H360D-H410

SPECIFICATIONS:

Assay (as Pb) ~5 %

Order code	Package	Units/Box st.
15B121.1605	10 g	6
15B121.1607	50 g	6

Palladium(II) Chloride anhydrous PS

PdCl₂

M: 177,31 CAS: 7647-10-1 EINECS: 231-596-2 NC: 2843 90 90 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (as Pd) (Gravimetric) 59 %

Loss on drying at 120°C 0,3 %

Order code	Package	Units/Box st.
15A847.1503	1 g	6
15A847.1504	5 g	6
15A847.1505	10 g	6

Palmitic Acid (E-570, F.C.C.) ADITIO

C₁₆H₃₂O₂

M: 256,43 CAS: 57-10-3 EINECS: 200-312-9 NC: 2915 70 15

SPECIFICATIONS:

Assay (G.C.), not less than 98 %

Solidification point 53,3-62°C

Residue on ignition, not more than 0,1 %

Unsaponifiable matter, not more than 1,5 %

Acidity value 204-220

Saponification value 205-221

Iodine value, not more than 2,0

Water, not more than 0,2 %

Arsenic, not more than 3 ppm

Mercury, not more than 1 ppm

Lead, not more than 0,1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code Package Units/Box st.

202345.0914 5 kg

Palmitic Acid, 98% PS

C₁₆H₃₂O₂

M: 256,43 CAS: 57-10-3 EINECS: 200-312-9 NC: 2915 70 15

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) 98 %

Identity IR p/t

Melting range 62-65°C

Order code Package Units/Box st.

162345.1211 1000 g

Palmitic Acid Methyl Ester

(see Methyl Palmitate)

Palmitic Alcohol

(see Cetyl Alcohol)

Pandy's Reagent DC

for determination of globulins in cephalorachidial liquids

NC: 3822 00 00 UN: 2810

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H311-H301-H314

1l-1,005kg 1kg~0,995l

Composition:

Phenol crystallized 6,6 g

Water 100 ml

Order code Package Units/Box st.

251585.1609 250 ml

Panoptic, Fast

(see Kit for Fast Staining in Haematology)

Papanicolaou, Kit of

(see: Eukitt, mounting medium. Harris Hematoxylin solution. Papanicolaou's Solution EA 50. Papanicolaou's Solution OG 6)

Papanicolaou's Solution EA 50 DC

for cytology

NC: 3204 16 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370

1l-0,817kg 1kg-1,224l

Composition:

Light Green SF yellowish 58 mg

Bismark Brown R 40 mg

Eosin Yellowish 0,225 g

Phosphotungstic Acid hydrate 0,17 g

Acetic Acid glacial 0,1 g

Methanol 93 ml

Water 7 ml

Order code Package Units/Box st.

253594.1610 500 ml

253594.1611 1000 ml

253594.1612 2,5 l

Papanicolaou's Solution OG 6 DC

for cytology

NC: 3204 12 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,833kg 1kg~1,200l

Composition:

Orange G 0,2 g

Phosphotungstic Acid hydrate 0,02 g

Ethanol absolute 88,5 ml

Water 11,5 ml

Order code Package Units/Box st.

253892.1610 500 ml

253892.1611 1000 ml

253892.1612 2,5 l

PAR

(see 4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate)

Paraffin Cleaner DC

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309

CAO: 310 (D/E)

Signal Word: Danger



H318-H304-H336

1l-0,766kg 1kg~1,305l

Composition:

Isoparaffin H 425 ml

1-Propanol 75 ml

Order code Package Units/Box st.

256876.3408 6x100 ml

256876.0922 15 x 100 ml

Paraffin M.P. ~42-44°C pieces QP

near to corporal temperature

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Residue on ignition (as SO₂) 0,05 %

Acidity or alkalinity p/t

Order code Package Units/Box st.

213206.0911 1000 g

213206.0914 5 kg

213206.0416 25 kg

Paraffin M.P. 51-53°C pellets

(RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t

Melting range 51-55°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₆H₆ p/t

Residue on ignition 0,05 %

Darkened substances by H₂SO₄ p/t

Polynuclear hydrocarbons p/t

Acidity or alkalinity p/t

Reaction p/t

Sulphate (SO₄) 0,015 %

Residual solvents (Ph.Eur./USP) p/t

Order code Package Units/Box st.

143209.1211 1000 g

143209.0914 5 kg

143209.0416 25 kg

Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Melting range..... 51-55°C
 ABS (Polynucl.Hydroc.) λ280-289 nm, not more than0,15
 ABS (Polynucl.Hydroc.) λ290-299 nm, not more than0,12
 ABS (Polynucl.Hydroc.) λ300-359 nm, not more than0,08
 ABS (Polynucl.Hydroc.) λ360-400 nm, not more than0,02
 Lead, not more than 1 ppm
 IR p/t.
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
203209.0914	5 kg	

Paraffin M.P. 51-53°C pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity..... IR p/t.
 Melting range..... 51-53°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble in C₈H₁₀..... p/t.
 Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
253209.1211	1000 g	6
253209.0914	5 kg	4
253209.0416	25 kg	

Paraffin M.P. 52°C plasticized pellets DC

for histology, sensitive tissues

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Identity..... IR p/t.
 Melting range..... 51-53°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₈H₁₀..... p/t.
 Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
255803.1211	1000 g	6
255803.0914	5 kg	4

Paraffin M.P. 56-58°C pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity..... IR p/t.
 Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₈H₁₀..... p/t.
 Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
253211.1211	1000 g	6
253211.0914	5 kg	4
253211.0416	25 kg	

Paraffin M.P. 56-58°C plasticized + DMSO pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity..... IR p/t.
 Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₈H₁₀..... p/t.
 Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
254667.1211	1000 g	6
254667.0914	5 kg	4

Paraffin M.P. 56-58°C plasticized pellets DC

for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Identity..... IR p/t.
 Melting range..... 56-58°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble in C₈H₁₀..... p/t.
 Acidity or alkalinity..... p/t.

Order code	Package	Units/Box st.
252913.1211	1000 g	6
252913.0914	5 kg	4
252913.0416	25 kg	

Paraffin M.P. 60-65°C (F.C.C.) ADITIO

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

SPECIFICATIONS:

Melting range..... 60-65°C
 ABS max. (aromatic pol. hydrocarbons) at λ280-289 nm0,15
 ABS max. (aromatic pol. hydrocarbons) at λ290-299 nm0,12
 ABS max. (aromatic pol. hydrocarbons) at λ300-359 nm0,08
 ABS max. (aromatic pol. hydrocarbons) at λ360-400 nm0,02
 Lead, not more than 1 ppm
 IR p/t.
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
204621.0911	1 kg	
204621.0914	5 kg	

Paraplast X-Tra® Paraffin M.P. 52°C pellets

® Registered trade-mark of McCormick Scientific, LLC.) for histology, sensitive tissues

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:

Paraffin>90 %
 Microcrystalline Wax<5 %
 Hydrocarbon Resin.....<5 %
 Polyisobutylene<1 %
 Butylated hydroxytoluene..... 1 %

Order code	Package	Units/Box st.
PPXTRA.0933	6 x 1 kg	4

Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets

(® Registered trade-mark of McCormick Scientific, LLC.) for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:

Paraffin>98 %
 Dimethylsulphoxide<1 %
 Polyisobutylene<1 %

Order code	Package	Units/Box st.
PPPLUS.0933	6 x 1 kg	

Paraplast® Paraffin M.P. 56-58°C pellets

(® Registered trade-mark of McCormick Scientific, LLC.) for histology

CAS: 8002-74-2 EINECS: 232-315-6 NC: 2712 20 90

Composition:

Paraffin>99 %
 Polyisobutylene<1 %

Order code	Package	Units/Box st.
PPLAST.0939	4 x 5 kg	

Paraformaldehyde (DAC) PRS-CODEX

(HCHO)_n

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:

Assay (Acidim.).....95,0-100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH₄OH p/t.
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP)..... p/t
 Acidity or alkalinity..... p/t.
 Heavy metals (as Pb)..... 0,001 %

Order code	Package	Units/Box st.
141451.1210	500 g	6
141451.1211	1000 g	6
141451.0914	5 kg	
141451.0416	25 kg	

Paraformaldehyde, 95% PS

(HCHO)_n

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:

Assay (Acidim.).....95 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
151451.1210	500 g	6

Paraformaldehyde tablets ~1g QP

(HCHO).

CAS: 30525-89-4 EINECS: 200-001-8 NC: 2912 60 00 UN: 2213
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H302-H319-H335-H315-H351-H317

SPECIFICATIONS:

Assay (Acidim.) applied to basis matter 95 %
Acidity or alkalinity p/t.
Excipient ~1 %

Order code	Package	Units/Box st.
211511.1209	250 g	6
211511.1211	1000 g	6
211511.0914	5 kg	
211511.0416	25 kg	

Pararosaniline base (C.I. 42500) DC

C₁₉H₁₉N₃O

M: 305,38 CAS: 25620-78-4 EINECS: 207-395-0 NC: 3204 13 00

Signal Word: Warning



H351

SPECIFICATIONS:

Identity IR p/t.
λ of max. ABS in C₂H₅OH 50% 544-547 nm
A 1%; 1cm; λmax >2300
Ratio λmax., P±15 nm 1,15-1,35
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 5 %

Order code	Package	Units/Box st.
254615.1605	10 g	6

PATENT BLUE V SOLUTIONS

Patent Blue V solution 0,5% w/v RE

for Specified Risk Material staining

NC: 3822 00 00

1l-1,005kg 1kg~0,995l

Composition:

Patent Blue V 0,5 g

Water s.q.m. 100 ml

Order code	Package	Units/Box st.
175630.1214	5 l	4
175630.0716	25 l	

Patent Blue V solution 5% w/v RE

for Specified Risk Material staining

NC: 3822 00 00

1l-1,008kg 1kg~0,992l

Composition:

Patent Blue V 5 g

Water s.q.m. 100 ml

Order code	Package	Units/Box st.
175723.1214	5 l	4

Patent Blue VF

(see Disulphine Blue)

Patton and Reeder Reagent

(see Calconcarboxylic Acid)

PEG

(see Polyethylene Glycol)

n-Pentane (UV-IR-HPLC) PAI

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter 0,0003 %
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,005 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	215	220	240-400
A (AU)	1,000	0,398	0,155	0,097	0,046	0,009
T (%)	10	40	70	80	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,0
Eluotropic value ε^o(Al₂O₃) 0,00
Sol. H₂O in solv. at 20°C 0,01
P' + 0,25 E 0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
362006.1611	1000 ml	6
362006.1612	2,5 l	4

n-Pentane (PAR) PAI

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t.
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0005 meq/g
Water (H₂O) 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l

Order code	Package	Units/Box st.
322006.1612	2,5 l	4

n-Pentane (Reag. USP, Ph. Eur.) PA

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg-1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
Identity IR p/t.
Density at 20/4 0,624-0,628
Boiling range (>95% dist.) 34-36°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Darkened substances by H₂SO₄ p/t.
Sulphur compounds (as S) 0,002 %
Acidity 0,0005 meq/g
Water (H₂O) 0,01 %
Thiophene p/t.

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
122006.1611	1000 ml	6
122006.1612	2,5 l	4
122006.0314	5 l	4
122006.0316	25 l	

n-Pentane PRS

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg-1,597l

SPECIFICATIONS:

Assay (G.C.) 98 %
Identity IR p/t.
Density at 20/4 0,624-0,628
Non-volatile matter 0,005 %
Isopentane (G.C.) 1 %
Sulphur compounds (as S) 0,005 %
Acidity 0,001 meq/g
Water (H₂O) 0,02 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
142006.1611	1000 ml	6
142006.1612	2,5 l	4
142006.0314	5 l	4
142006.0616	25 l	

n-Pentane 95% (UV-IR-HPLC) PAI

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg-1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter 0,0003 %
Acidity 0,0005 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,005 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	200	210	220	230	240-400
A (AU)	1,000	0,523	0,155	0,046	0,018	0,009
T (%)	10	30	70	90	96	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1,0	1,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 0,0
Eluotropic value E°(Al₂O₃) 0,00
Sol. H₂O in solv. at 20°C 0,01
P' + 0,25 E 0,5

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
364462.1611	1000 ml	6

n-Pentane 95% (PAR) PAI

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg-1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %
Identity IR p/t.
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0005 meq/g
Water (H₂O) 0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t.

Order code	Package	Units/Box st.
324462.1611	1000 ml	6

n-Pentane 95% dry (max. 0,005% water) DS

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word:

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %
Identity IR p/t
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Darkened substances by H₂SO₄ p/t
Sulphur compounds (as S) 0,002 %
Acidity 0,0005 meq/g
Water (H₂O) 0,005 %
Thiophene p/t

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
484462.1611	1000 ml	6

n-Pentane 95% PA

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %
Identity IR p/t
Density at 20/4 0,624-0,628

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Darkened substances by H₂SO₄ p/t
Sulphur compounds (as S) 0,002 %
Acidity 0,0005 meq/g
Water (H₂O) 0,015 %
Thiophene p/t

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Ni 0,02
Al 0,5	Fe 0,1	P 0,2
As 0,05	Ga 0,02	Pb 0,1
Au 0,05	Ge 0,05	Pt 0,02
B 0,02	Hg 0,05	Sb 0,02
Ba 0,1	In 0,05	Si 0,2
Be 0,02	K 0,1	Sn 0,1
Bi 0,05	Li 0,05	Sr 0,2
Ca 0,5	Mg 0,1	Ti 0,02
Cd 0,05	Mn 0,02	Tl 0,02
Co 0,02	Mo 0,02	V 0,02
Cr 0,02	Na 0,5	Zn 0,1
		Zr 0,02

Order code	Package	Units/Box st.
124462.1611	1000 ml	6
124462.1612	2,5 l	4
124462.0314	5 l	4
124462.0316	25 l	

n-Pentane 95% PS

C₅H₁₂

M: 72,15 CAS: 109-66-0 EINECS: 203-692-4 NC: 2901 10 00 UN: 1265
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 302 CAO: 303

Signal Word: Danger



H224-H304-EUH066-H336-H411

1l-0,626kg 1kg~1,597l

SPECIFICATIONS:

Minimum assay (G.C.) 95 %
Identity IR p/t
Density at 20/4 0,624-0,628
Non-volatile matter 0,002 %
Water (H₂O) 0,01 %

Order code Package Units/Box st.

164462.1611	1000 ml	6
164462.1612	2,5 l	4
164462.1714	5 l	4
164462.0616	25 l	

iso-Pentane

(see Isopentane)

Pentanedial

(see Glutaraldehyde)

2,4-Pentanedione (Reag. USP, Ph. Eur.) PA

CH₃COCH₂COCH₃

M: 100,11 CAS: 123-54-6 EINECS: 204-634-0 NC: 2914 19 90 UN: 2310

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H302

1l-0,973kg 1kg~1,028l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t
Density at 20/4 0,972-0,974
Refractive index n_{20/D} 1,4520-1,4525

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,005 %
Ethyl acetate (G.C.) 0,01 %
Water (H₂O) 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Cu 0,02	Pt 0,02
Al 0,5	Fe 0,1	Sb 0,02
As 0,05	Ge 0,05	Si 0,2
Au 0,05	In 0,05	Sn 0,1
B 0,05	K 0,1	Sr 0,2
Ba 0,1	Li 0,05	Ti 0,02
Be 0,02	Mg 0,1	Tl 0,02
Bi 0,05	Mn 0,02	V 0,02
Ca 0,5	Mo 0,02	Zn 0,1
Cd 0,05	Na 0,5	Zr 0,02
Co 0,02	Ni 0,02	
Cr 0,02	Pb 0,1	

Order code	Package	Units/Box st.
121880.1609	250 ml	6
121880.1611	1000 ml	6

2,4-Pentanedione, 99% PS

CH₃COCH₂COCH₃

M: 100,11 CAS: 123-54-6 EINECS: 204-634-0 NC: 2914 19 90 UN: 2310

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H302

1l-0,973kg 1kg~1,028l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 0,972-0,974

Order code Package Units/Box st.

161880.1609	250 ml	6
161880.1611	1000 ml	6

1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI

for ion pair chromatography

C₅H₁₁NaO₃S

M: 174,20 CAS: 22767-49-3 EINECS: 245-208-4 NC: 2904 10 00

SPECIFICATIONS:

Minimum assay (Acidim.)(calc. a.d.s.) 99,0 %

Identity IR p/t.

UV Spectrum 0,005 mol/l solution

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220	250
A (AU)	0,155	0,046	0,009
T (%)	70	90	98

Order code	Package	Units/Box st.
364896.1606	25 g	6

1-Pentanol (Reag. Ph. Eur.) PA-ACS

C₅H₁₂O

M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-H315

1l-0,815kg 1kg-1,227l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t.

Density at 20/4 0,814-0,816

MAXIMUM LIMIT OF IMPURITIES

APHA colour 30

Non-volatile matter 0,003 %

di-n-Pentyl Ether (G.C.) 0,1 %

3-Methyl-1-Butanol (G.C.) 0,5 %

1-Pentanal (G.C.) 0,1 %

Acids and esters 0,075 meq/g

Carbonyles (as HCHO) 0,1 %

Water (H₂O) 0,2 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05 Fe 0,1 Pb 0,1

Al 0,5 Ga 0,02 Pt 0,02

As 0,05 Ge 0,05 S 0,2

Au 0,05 Hg 0,05 Sb 0,02

B 0,02 In 0,05 Si 0,2

Ba 0,1 K 0,1 Sn 0,1

Be 0,02 Li 0,05 Sr 0,2

Bi 0,05 Mg 0,1 Ti 0,02

Ca 0,1 Mn 0,02 Tl 0,02

Cd 0,05 Mo 0,02 V 0,02

Co 0,02 Na 0,5 Zn 0,1

Cr 0,02 Ni 0,02 Zr 0,02

Cu 0,02 P 0,2

Order code	Package	Units/Box st.
131884.1611	1000 ml	6
131884.1612	2,5 l	4

1-Pentanol PRS

C₅H₁₂O

M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-H315

1l-0,815kg 1kg-1,227l

SPECIFICATIONS:

Assay (G.C.) 98 %

Identity IR p/t.

Density at 20/4 0,814-0,816

Non-volatile matter 0,01 %

Acids and esters 0,15 meq/g

Carbonyles (as HCHO) 0,1 %

Water (H₂O) 0,5 %

Cu 0,0005 %

Fe 0,0005 %

Ni 0,0005 %

Pb 0,0005 %

Order code	Package	Units/Box st.
141884.1211	1000 ml	6
141884.1212	2,5 l	4
141884.1214	5 l	4

1-Pentanol, 98% PS

C₅H₁₂O

M: 88,15 CAS: 71-41-0 EINECS: 200-752-1 NC: 2905 14 90 UN: 1105

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H335-H315

1l-0,815kg 1kg-1,227l

SPECIFICATIONS:

Assay (G.C.) 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
151884.1611	1000 ml	6
151884.1612	2,5 l	4

3-Pentanone

(see Diethylketone)

1,4,7,10,13-Pentaoxacyclopentadecane

(see Crown Ether/15-Crown-5)

iso-Pentyl Acetate

(see Isoamyl Acetate)

iso-Pentyl Alcohol

(see 3-Methyl-1-Butanol)

4-Pentylbenzoyl Chloride, 98% PS

C₁₂H₁₅ClO

M: 210,70 CAS: 49763-65-7 EINECS: 256-478-8 NC: 2916 39 00 UN: 3265

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,030kg 1kg-0,971l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C008.1603	1 ml	6
15C008.1604	5 ml	6

Pentyl Bromide

(see 1-Bromopentane)

iso-Pentyl Nitrite

(see Isoamyl Nitrite)

Pepsin 1:10.000 NF RE

CAS: 9001-75-6 EINECS: 232-629-3 NC: 3507 90 90

Signal Word: Danger



H319-H335-H315-H334

SPECIFICATIONS:

Identity IR p/t.

pH of 5% solution 3-5

Proteolytic Activity 1:10000

Order code	Package	Units/Box st.
175208.0011	1000 g	6

Liquid Pepsin RE

CAS: 9001-75-6 EINECS: 232-629-3 NC: 3507 90 90

Signal Word: Danger



H334

1l-1,215 kg 1kg-0,823l

SPECIFICATIONS:

Proteolytic Activity 660 u Ph. Eur./ml

Order code	Package	Units/Box st.
176408.1214	5 l	4

Peptone, Bacteriological (Ingredient) CULTIMED

Product used in bacteriological culture media.

EINECS: 293-428-4 NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5

Loss on drying at 105°C 6 %

Residue on ignition (as SO₄) 15 %

Total Nitrogen ≥12 %

Order code	Package	Units/Box st.
403695.1210	500 g	6
403695.0914	5 kg	4
403695.0416	25 kg	4

Peracetic Acid solution 15% w/w RE

C₂H₃O₂

M: 76,05 CAS: 79-21-0 EINECS: 201-186-8 NC: 2915 29 00 UN: 3093
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H332-H312-H302-H314

1l-1,130kg 1kg-0,885l

SPECIFICATIONS:

Minimum assay (Iodom.) 15,0 %
Density at 20/4 1,125-1,165

Order code	Package	Units/Box st.
173495.1210	500 ml	6

Perchloric Acid 70% (TMA) HIPERPUR-PLUS

HClO₄

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word: Danger



H271-H314

1l-1,67kg 1kg-0,60l

SPECIFICATIONS:

Assay (Acidim.) 65-71 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag	.....100	In	.....10	Sm	.....100
Al	.....100	K	.....100	Sr	.....100
As	.....100	La	.....10	Tb	.....10
Ba	.....100	Li	.....100	Te	.....10
Be	.....100	Lu	.....10	Th	.....10
Bi	.....10	Mg	.....100	Ti	.....100
Ca	.....100	Mn	.....100	Tm	.....10
Cd	.....10	Mo	.....100	U	.....10
Ce	.....10	Na	.....100	V	.....100
Co	.....100	Nd	.....10	Y	.....10
Cs	.....10	Ni	.....100	Yb	.....10
Cu	.....100	Pb	.....10	Zn	.....100
Dy	.....10	Pd	.....10	Zr	.....100
Er	.....10	Pr	.....10		
Eu	.....10	Pt	.....100		
Fe	.....100	Rb	.....10		
Ga	.....10	Rh	.....10		
Gd	.....10	Sb	.....100		
Ho	.....10	Sc	.....100		

Analysis Type:

Ag	.....2	In	.....1	Sm	.....0,01
Al	.....100	K	.....5	Sr	.....10
As	.....100	La	.....0,05	Sr	.....1
Ba	.....20	Li	.....1	Ta	.....10
Be	.....5	Lu	.....0,01	Tb	.....0,01
Bi	.....2	Mg	.....5	Te	.....1
Ca	.....10	Mn	.....2	Th	.....0,05
Cd	.....1	Mo	.....1	Ti	.....10
Ce	.....0,05	Na	.....5	Tl	.....0,1
Co	.....1	Nb	.....1	Tm	.....0,01
Cs	.....0,05	Nd	.....0,05	U	.....0,01
Cu	.....3	Ni	.....10	V	.....1
Dy	.....0,01	Pb	.....1	W	.....5
Er	.....0,01	Pd	.....10	Y	.....1
Eu	.....0,01	Pr	.....0,05	Yb	.....0,01
Fe	.....10	Pt	.....1	Zn	.....5
Ga	.....1	Rb	.....1	Zr	.....1
Gd	.....0,01	Rh	.....1		
Hf	.....0,05	Sb	.....50		
Ho	.....0,01	Sc	.....1		

Order code	Package	Units/Box st.
712175.0009	250 ml	6
712175.0010	500 ml	6

Perchloric Acid 70% (TMA) HIPERPUR

HClO₄

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word: Danger



H271-H314

1l-1,67kg 1kg-0,60l

SPECIFICATIONS:

Assay (Acidim.) 65-71 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Metals by ICP (ppb)

Ag	.....1	In	.....0,5	Sn	.....1
Al	.....1	K	.....1	Sr	.....0,5
As	.....0,5	La	.....0,5	Tb	.....0,5
Au	.....0,5	Li	.....0,5	Te	.....0,5
Ba	.....1	Lu	.....0,5	Th	.....1
Be	.....0,5	Mg	.....1	Ti	.....1
Bi	.....0,5	Mn	.....1	Tl	.....0,5
Ca	.....1	Mo	.....0,5	Tm	.....0,5
Cd	.....1	Na	.....1	U	.....0,5
Ce	.....0,5	Nd	.....0,5	V	.....0,5
Co	.....0,5	Ni	.....1	Y	.....0,5
Cs	.....0,5	Pb	.....1	Yb	.....0,5
Cu	.....0,5	Pd	.....0,5	Zn	.....1
Dy	.....0,5	Pr	.....0,5	Zr	.....0,5
Er	.....0,5	Pt	.....0,5		
Eu	.....0,5	Rb	.....0,5		
Fe	.....1	Rh	.....0,5		
Ga	.....0,5	Sb	.....0,5		
Gd	.....0,5	Sc	.....0,5		
Ho	.....0,5	Sm	.....0,5		

Analysis Type:

Ag	.....0,1	In	.....0,1	Sn	.....0,5
Al	.....0,5	K	.....0,1	Sr	.....0,1
As	.....0,1	La	.....0,1	Ta	.....0,5
Au	.....0,1	Li	.....0,1	Tb	.....0,1
Ba	.....0,1	Lu	.....0,1	Te	.....0,1
Be	.....0,1	Mg	.....0,1	Th	.....0,1
Bi	.....0,1	Mn	.....0,1	Ti	.....0,5
Ca	.....0,5	Mo	.....0,1	Tl	.....0,1
Cd	.....0,1	Na	.....0,1	Tm	.....0,1
Ce	.....0,1	Nb	.....0,5	U	.....0,1
Co	.....0,1	Nd	.....0,1	V	.....0,1
Cs	.....0,1	Ni	.....0,5	W	.....0,5
Cu	.....0,1	Pb	.....0,1	Y	.....0,1
Dy	.....0,1	Pd	.....0,5	Yb	.....0,1
Er	.....0,1	Pr	.....0,1	Zn	.....0,5
Eu	.....0,1	Pt	.....0,5	Zr	.....0,1
Fe	.....0,5	Rb	.....0,1		
Ga	.....0,1	Rh	.....0,1		
Gd	.....0,1	Sb	.....0,1		
Hf	.....0,5	Sc	.....0,1		
Ho	.....0,1	Sm	.....0,1		

Order code	Package	Units/Box st.
722175.0010	500 ml	6
722175.0011	1000 ml	6
722175.0012	2,5 l	4

Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO

HClO₄

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word:

Signal Word: Danger



H271-H314

1l-1,67kg 1kg-0,60l

SPECIFICATIONS:

Assay (Acidim.) 69,0-72,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Insoluble matter in H₂O p/t
Residue on ignition 0,003 %
Nitrogen compounds (as N) 0,001 %
Chlorine (Cl) 0,0005 %
Chlorate (ClO₃) 0,0012 %
Chloride (Cl) 0,0003 %
Phosphate and Silicate (as PO₄) 0,0005 %
Sulphate (SO₄) 0,001 %
Heavy metals (as Pb) 0,0001 %
As 0,000005 %
Hg 0,0000005 %

Metals by ICP [mg/Kg (ppm)]

Ag	.....0,1	Cr	.....0,1	Na	.....5
Al	.....0,1	Cu	.....0,05	Ni	.....0,05
Ba	.....0,1	Fe	.....1	Pb	.....0,1
Be	.....0,5	K	.....1	Sr	.....0,5
Ca	.....1	Li	.....0,5	Zn	.....0,1
Cd	.....0,05	Mg	.....0,5		
Co	.....0,1	Mn	.....0,05		

Order code	Package	Units/Box st.
472175.1611	1000 ml	6

Perchloric Acid 70% PA-ACS-ISO

HClO₄:
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l-1,67kg 1kg-0,60l

SPECIFICATIONS:

Assay (Acidim.) 69,0-72,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Residue on ignition 0,003 %
Nitrogen compounds (as N) 0,001 %
Chlorine (Cl) 0,0005 %
Chlorate (ClO₃) 0,0012 %
Chloride (Cl) 0,0003 %
Phosphate and Silicate (as PO₄) 0,0005 %
Sulphate (SO₄) 0,001 %
Heavy metals (as Pb) 0,0001 %
As 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Co 0,1	Na 0,5
Al 0,1	Cr 0,1	Ni 0,05
Ba 0,1	Cu 0,05	Pb 0,1
Be 0,5	Fe 1	Sr 0,5
Ca 1	K 1	Zn 0,1
Cd 0,05	Mn 0,05	

Order code	Package	Units/Box st.
132175.1611	1000 ml	6
132175.2211	1000 ml	6
132175.1612	2,5 l	4
132175.2212	2,5 l	4

Perchloric Acid 70% PRS

HClO₄:
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501
Signal Word: Danger



H271-H314

1l-1,67kg 1kg-0,60l

SPECIFICATIONS:

Assay (Acidim.) 69,0-72,0 %

Residue on ignition 0,01 %
Nitrogen compounds (as N) 0,005 %
Chlorine (Cl) 0,0005 %
Chlorate (ClO₃) 0,0005 %
Chloride (Cl) 0,001 %
Phosphate and Silicate (as PO₄) 0,002 %
Sulphate (SO₄) 0,003 %
As 0,0001 %
Fe 0,0005 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
142175.1611	1000 ml	6
142175.1612	2,5 l	4
142175.2216	25 l	

Perchloric Acid 60% PA-ACS-ISO

HClO₄:
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word: Danger



H271-H314

1l-1,54kg 1kg-0,65l

SPECIFICATIONS:

Assay (Acidim.) 60,0-62,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Residue on ignition 0,003 %
Nitrogen compounds (as N) 0,001 %
Chlorine (Cl) 0,0005 %
Chlorate (ClO₃) 0,001 %
Chloride (Cl) 0,0003 %
Phosphate and Silicate (as PO₄) 0,0005 %
Sulphate (SO₄) 0,001 %
Heavy metals (as Pb) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe 1	Pb 0,1
Al 0,1	Ga 0,05	Pt 0,1
As 0,05	Ge 0,05	Sb 0,05
Au 0,1	Hg 0,1	Si 0,1
Ba 0,1	In 0,05	Sn 0,05
Be 0,5	K 1	Sr 0,5
Bi 0,1	Li 0,02	Ti 0,05
Ca 1	Mg 0,05	Tl 0,05
Cd 0,05	Mn 0,05	V 0,05
Co 0,1	Mo 0,05	Zn 0,1
Cr 0,1	Na 5	Zr 0,05
Cu 0,05	Ni 0,05	

Order code	Package	Units/Box st.
131054.1611	1000 ml	6
131054.2211	1000 ml	6
131054.1612	2,5 l	4
131054.2216	25 l	

Perchloric Acid 60% PRS

HClO₄:
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1873
IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 501

Signal Word: Danger



H271-H314

1l-1,54kg 1kg-0,65l

SPECIFICATIONS:

Assay (Acidim.) 60,0-62,0 %

Residue on ignition 0,01 %
Nitrogen compounds (as N) 0,005 %
Chlorine (Cl) 0,0005 %
Chlorate (ClO₃) 0,0005 %
Chloride (Cl) 0,001 %
Phosphate and Silicate (as PO₄) 0,002 %
Sulphate (SO₄) 0,003 %
As 0,0001 %
Fe 0,0005 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
141054.1611	1000 ml	6
141054.1612	2,5 l	4
141054.2216	25 l	

Perchloric Acid 20% PRS

HClO₄:
M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1802
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l-1,13kg 1kg-0,88l

SPECIFICATIONS:

Assay (Acidim.) 20,0-22,0 %

Residue on ignition 0,01 %
Nitrogen compounds (as N) 0,005 %
Chlorate (ClO₃) 0,005 %
Chlorine (Cl) 0,0005 %
Chloride (Cl) 0,001 %
Phosphate and Silicate (as PO₄) 0,002 %
Sulphate (SO₄) 0,003 %
As 0,0001 %
Fe 0,0005 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
141044.1611	1000 ml	6

PERCHLORIC ACID VOLUMETRIC SOLUTIONS

Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV

Indicator: Crystal violet. Storage over 18°C.

HClO₄

M: 100,46 NC: 3822 00 00 UN: 2924

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335-H315

1l~1,040kg 1kg~0,962l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181047.1611	1000 ml	6

Perchloric Acid 0,1 mol/l (0,1N) in acetic acid SV

Indicator: Crystal Violet. Storage over 18°C.

HClO₄

M: 100,46 NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314

1l~1,060kg 1kg~0,943l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181046.1611	1000 ml	6

Perchloric Acid 1 mol/l (1N) SV

HClO₄

M: 100,46 CAS: 7601-90-3 EINECS: 231-512-4 NC: 2811 19 80 UN: 1802

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813

Signal Word: Danger



H314

1l~1,050kg 1kg~0,952l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
185310.1211	1000 ml	6

Perchloroethylene

(see Tetrachloroethylene)

2H,3H-Perfluoropentane

(see 1,1,1,2,3,4,4,5,5,5-Decafluoropentane)

Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS

H₅IO₆

M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Assay (Iodom.)99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O0,005 %

Residue on ignition (as SO₂)0,01 %

Chloride, chlorate, bromide and bromate (as Cl)0,01 %

Sulphate (SO₄)0,01 %

Iodide (I)0,001 %

Heavy metals (as Pb)0,005 %

Cu0,001 %

Fe0,001 %

Ni0,001 %

Pb0,001 %

Order code	Package	Units/Box st.
132320.1606	25 g	6
132320.1608	100 g	6

Periodic Acid PA

H₅IO₆

M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Iodom.)99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O0,005 %

Residue on ignition (as SO₂)0,02 %

Chloride, chlorate, bromide and bromate (as Cl)0,02 %

Sulphate (SO₄)0,01 %

Iodide (I)0,001 %

Cu0,001 %

Fe0,001 %

Ni0,001 %

Pb0,001 %

Order code	Package	Units/Box st.
122320.1606	25 g	6
122320.1608	100 g	6

Periodic Acid PRS

H₅IO₆

M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Assay (Iodom.)98 %

Residue on ignition (as SO₂)0,5 %

Chloride, chlorate, bromide and bromate (as Cl)0,05 %

Sulphate (SO₄)0,05 %

Order code	Package	Units/Box st.
142320.1606	25 g	6
142320.1608	100 g	6

Periodic Acid, 99% PS

H₅IO₆

M: 227,94 CAS: 10450-60-9 EINECS: 233-937-0 NC: 2811 19 80 UN: 3085

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Iodom.)99 %

IdentityIR p/t.

Order code	Package	Units/Box st.
152320.1606	25 g	6
152320.1608	100 g	6

Petroleum Benzine

(see Petroleum Ether)

Petroleum Ether 25-40°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/1 ADR: 3/1 IATA: 3/1 PAX: 302 CAO: 303

Signal Word: Danger



H224-H315-H373-H411-H361f-H304-H336

1l~0,63kg 1kg~1,59l

SPECIFICATIONS:

Boiling range25-40°C

Non-volatile matter0,003 %

Sulphur compounds (as CS₂)0,01 %

Aromatic hydrocarbons (U.V.) (as C₆H₆)0,01 %

Acidity0,001 meq/g

Water (H₂O)0,02 %

Cu0,00002 %

Fe0,00005 %

Ni0,00002 %

Pb0,00002 %

Order code	Package	Units/Box st.
142698.1611	1000 ml	6
142698.0314	5 l	4

Petroleum Ether 30-40°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H315-H373-H411-H361f-H304-H336

1l-0,63kg 1kg-1,59l

SPECIFICATIONS:

Boiling range	30-40°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS ₂)	0,01 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,01 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code Package Units/Box st.

142699.1611	1000 ml		6
142699.0314	5 l		4

Petroleum Ether 30-50°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H315-H373-H411-H361f-H304-H336

1l-0,63kg 1kg-1,58l

SPECIFICATIONS:

Boiling range	30-50°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS ₂)	0,01 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,015 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code Package Units/Box st.

142700.1611	1000 ml		6
142700.0314	5 l		4
142700.0616	25 l		

Petroleum Ether 30-60°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/I ADR: 3/I IATA: 3/I PAX: 302 CAO: 303
 Signal Word: Danger



H224-H315-H373-H411-H361f-H304-H336

1l-0,640kg 1kg-1,562l

SPECIFICATIONS:

Boiling range	30-60°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS ₂)	0,01 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,05 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code Package Units/Box st.

143607.1611	1000 ml		6
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Petroleum Ether 40-60°C (UV) PAI

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg-1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0003 meq/g
Alkalinity	0,0002 meq/g
Water (H ₂ O)	0,01 %
UV Spectrum (1 cm cell; Ref.: water)	

λ (nm)	210 (Cut off)	220	230	240	250-400
A (AU)	1,000	0,301	0,097	0,046	0,009
T (%)	10	50	80	90	98

For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

361315.1611	1000 ml		6
361315.1612	2,5 l		4

Petroleum Ether 40-60°C (PAR) PAI

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg-1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Acidity	0,0003 meq/g
Alkalinity	0,0002 meq/g
Water (H ₂ O)	0,01 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	5 ng/l

Order code Package Units/Box st.

321315.1611	1000 ml		6
321315.1612	2,5 l		4
321315.1646	4 l		4

Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg-1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS ₂)	0,005 %
Aromatic hydrocarbons (UV)(as C ₆ H ₆)	0,025 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,005 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code Package Units/Box st.

481315.1611	1000 ml		6
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Petroleum Ether 40-60°C PA-ACS-ISO

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg-1,550l

SPECIFICATIONS:

Boiling range	40-60°C
Density at 20/4	0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS ₂)	0,005 %
Aromatic hydrocarbons (UV)(as C ₆ H ₆)	0,025 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code Package Units/Box st.

131315.1611	1000 ml		6
131315.1612	2,5 l		4
131315.0314	5 l		4
131315.0316	25 l		

Petroleum Ether 40-60°C PA

for extraction of fats for the determination of insoluble impurities in oils and fats according to UNE 663

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range 40-60°C
Density at 20/4 0,640-0,655

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Sulphur compounds (as CS₂) 0,005 %
Aromatic hydrocarbons (UV) (C₆H₆) 0,025 %
Peroxides 0,0001 %
Bromine index 1
Acidity 0,0003 meq/g
Water (H₂O) 0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

121315.1611	1000 ml		6
121315.1612	2,5 l		4

Petroleum Ether 40-60°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range 40-60°C
Density at 20/4 0,640-0,655

Non-volatile matter 0,003 %
Sulphur compounds (as CS₂) 0,01 %
Aromatic hydrocarbons (UV) (as C₆H₆) 0,05 %
Acidity 0,001 meq/g
Water (H₂O) 0,02 %
Cu 0,0002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code Package Units/Box st.

141315.1611	1000 ml		6
141315.1612	2,5 l		4
141315.0314	5 l		4
141315.0616	25 l		

Petroleum Ether 40-60°C PS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,645kg 1kg~1,550l

SPECIFICATIONS:

Boiling range 40-60°C
Density at 20/4 0,640-0,655

Non-volatile matter 0,002 %
Water (H₂O) 0,02 %

Order code Package Units/Box st.

161315.1611	1000 ml		6
161315.1612	2,5 l		4
161315.1714	5 l		4
161315.0616	25 l		
161315.0619	200 l		

Petroleum Ether 50-70°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,66kg 1kg~1,51l

SPECIFICATIONS:

Boiling range 50-70°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Sulphur compounds (as CS₂) 0,005 %
Aromatic hydrocarbons (U.V.) (as C₆H₆) 0,03 %
Acidity 0,0003 meq/g
Water (H₂O) 0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

121862.1611	1000 ml		6
121862.1612	2,5 l		4
121862.0314	5 l		4
121862.0316	25 l		

Petroleum Ether 50-70°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,66kg 1kg~1,51l

SPECIFICATIONS:

Boiling range 50-70°C
Non-volatile matter 0,003 %

Sulphur compounds (as CS₂) 0,01 %
Aromatic hydrocarbons (U.V.) (as C₆H₆) 0,075 %
Acidity 0,001 meq/g
Water (H₂O) 0,02 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code Package Units/Box st.

141862.1611	1000 ml		6
141862.1612	2,5 l		4
141862.0314	5 l		4
141862.0616	25 l		

Petroleum Ether 60-80°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,67kg 1kg~1,49l

SPECIFICATIONS:

Boiling range 60-80°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,001 %
Sulphur compounds (as CS₂) 0,005 %
Aromatic hydrocarbons (U.V.) (as C₆H₆) 0,05 %
Acidity 0,0003 meq/g
Water (H₂O) 0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code Package Units/Box st.

122701.1611	1000 ml		6
122701.0314	5 l		4
122701.0316	25 l		

Petroleum Ether 60-80°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,67kg 1kg-1,49l

SPECIFICATIONS:

Boiling range	60-80°C
Non-volatile matter	0,003 %
Sulphur compounds (as CS ₂)	0,01 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,1 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142701.1611	1000 ml	6
142701.0314	5 l	4
142701.0616	25 l	

Petroleum Ether 65-95°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,68kg 1kg-1,47l

SPECIFICATIONS:

Boiling range	60-95°C
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MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS ₂)	0,005 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,1 %
Acidity	0,0003 meq/g
Water (H ₂ O)	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
122702.1611	1000 ml	6
122702.0314	5 l	4

Petroleum Ether 65-95°C PRS

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,68kg 1kg-1,47l

SPECIFICATIONS:

Boiling range	60-95°C
Non-volatile matter	0,003 %
Sulphur compounds (as S ₂ C)	0,01 %
Aromatic hydrocarbons (U.V.)(as C ₆ H ₆)	0,2 %
Acidity	0,001 meq/g
Water (H ₂ O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142702.1611	1000 ml	6
142702.0314	5 l	4
142702.0616	25 l	

Petroleum Ether 100-120°C PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,694kg 1kg-1,441l

SPECIFICATIONS:

Boiling range	100-120°C
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MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,001 %
Sulphur compounds (as CS ₂)	0,005 %
Aromatic hydrocarbons (UV)(as C ₆ H ₆)	0,1 %
Acidity	0,0003 meq/g
Water	0,015 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
124809.1611	1000 ml	6
124809.1612	2,5 l	4

Petroleum Ether 190-250°C-Kerosene for analysis PA

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,797kg 1kg-1,254l

SPECIFICATIONS:

Boiling range	190-250°C
Refractive index n _D 20/D	1,437-1,438

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO ₂)	0,001 %
Darkened substances by H ₂ SO ₄	p/t
Water (H ₂ O)	0,01 %

Order code	Package	Units/Box st.
125286.1612	2,5 l	4
125286.0314	5 l	4

Petroleum Ether 190-250°C QP

CAS: 64742-49-0 EINECS: 265-151-9 NC: 2710 11 25 UN: 1268
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger



H225-H315-H373-H411-H361f-H304

1l-0,797kg 1kg-1,254l

SPECIFICATIONS:

Boiling range	190-250°C
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Order code	Package	Units/Box st.
215286.1611	1000 ml	6
215286.0314	5 l	4
215286.0316	25 l	

pH

(see pH Indicators)

pH Buffers

(see Buffers for calibration of pH-meters)

1,10-Phenanthroline 1-hydrate PA-ACS

redox indicator

C₁₂H₈N₂·H₂O

M: 198,23 CAS: 5144-89-8 EINECS: 200-629-2 NC: 2933 99 90 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H301-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
 Identity IR p/t
 Melting range (anhydrous basis) 117-119°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₄) 0,1 %
 Suitability as redox indicator p/t
 Sensitivity to Fe p/t
 Cu 0,002 %
 Fe 0,001 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
131321.1604	5 g	6
131321.1606	25 g	6

Phenic Acid

(see Phenol)

Phenol PA-ACS

C₆H₆O

M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H314-H373-H341

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Freezing point (a.d.s.) >40,5°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Non-volatile matter 0,01 %
 o-Cresol (G.C.) 0,05 %
 m-Cresol (G.C.) 0,05 %
 p-Cresol (G.C.) 0,05 %
 Acidity (as HCl) 0,0015 %
 Alkalinity (as NaOH) 0,0016 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,0005 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
131322.1610	500 g	6
131322.1611	1000 g	6
131322.1214	5 kg	4
131322.0716	25 kg	

Phenol crystallized (detached crystals) PA-ACS

C₆H₆O

M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H314-H373-H341

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Freezing point (a.d.s.) >40,5°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t
 Non-volatile matter 0,01 %
 o-Cresol (G.C.) 0,05 %
 m-Cresol (G.C.) 0,05 %
 p-Cresol (G.C.) 0,05 %
 Water (H₂O) 0,2 %
 Chloride (Cl) 0,0005 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000005 %
 Fe 0,00005 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00005 %

Order code	Package	Units/Box st.
134852.1209	250 g	6
134852.1211	1000 g	6
134852.0914	5 kg	

Phenol crystallized (detached crystals)

(RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₆O

M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H314-H373-H341

SPECIFICATIONS:

Assay (C₆H₆O) 99,0-100,5%
 Identity according to Pharmacopoeias p/t
 Freezing point (a.d.s.) >39,5°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O p/t
 Non-volatile matter 0,05 %
 o-Cresol (G.C.) 0,1 %
 m-Cresol (G.C.) 0,1 %
 p-Cresol (G.C.) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity p/t
 Water (H₂O) 0,5 %
 Chloride (Cl) 0,005 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
144852.1211	1000 g	6
144852.0914	5 kg	
144852.0716	25 kg	

Phenol crystallized, 99% (detached crystals) PS

C₆H₆O

M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 1671

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H311-H301-H314-H373-H341

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Freezing point (a.d.s.) >40,5°C
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
164852.1210	500 g	6
164852.1211	1000 g	6
164852.0914	5 kg	

Phenol 90% aqueous solution (USP) PRS-CODEX

C₆H₅OH

M: 94,11 CAS: 108-95-2 EINECS: 203-632-7 NC: 2907 11 00 UN: 2821

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H311-H301-H373-H314-H341

1l-1,07kg 1kg-0,93l

SPECIFICATIONS:

Minimum assay (C₆H₅O) 89,0 %
 Identity according to Pharmacopoeias p/t
 Distillation point <182,5 °C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O 0,01 %
 Non-volatile matter 0,05 %
 o-Cresol (G.C.) 0,1 %
 m-Cresol (G.C.) 0,1 %
 p-Cresol (G.C.) 0,1 %
 Water (H₂O) (w/w) 10 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity p/t
 Chloride (Cl) 0,005 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141323.1611	1000 ml	6
141323.1214	5 l	4
141323.0716	25 l	

Phenol-1,2-Dichlorobenzene 50:50 w/w PA

for determination of the viscosity of polymers, according to ISO 1628

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H311-H301-H314-H319-H335-H315-H410

1l-1,180kg 1kg-0,847l

SPECIFICATIONS:

Assay (as Phenol)49,5-50,5 %

Assay (as 1,2-Dichlorobenzene)49,5-50,5 %

Density at 25/4 1,172-1,174

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O)0,02 %

Order code Package Units/Box st.

125574.1611 1000 ml 6

Phenolphthalein (Reag. Ph. Eur.) PA-ACS

C₂₀H₁₄O₄

M: 318,33 CAS: 77-09-8 EINECS: 201-004-7 NC: 2932 29 10

Signal Word: Danger



H350-H361f-H341

SPECIFICATIONS:

Minimum assay (HPLC)99,0 %

IdentityIR p/t

Melting range258-263°C

T.L.Cp/t

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:

colourless8,0

red-violet10,0

Transition interval acc. to ACSp/t

Insoluble matter in C₂H₅OHp/t

Loss on drying at 105°C1,0 %

Residue on ignition (as SO₄)0,1 %

As0,0002 %

Cu0,0005 %

Fe0,0005 %

Ni0,0005 %

Pb0,0005 %

Order code Package Units/Box st.

131325.1208 100 g 6

131325.1210 500 g 6

131325.0914 5 kg 6

131325.0416 25 kg 6

Phenolphthalein (BP, Ph. Eur.) PRS-CODEX

C₂₀H₁₄O₄

M: 318,33 CAS: 77-09-8 EINECS: 201-004-7 NC: 2932 29 10

Signal Word: Danger



H350-H361f-H341

SPECIFICATIONS:

Assay (HPLC) calc. a.d.s98,0-101,0%

Assay (Iodom.) calc. a.d.s98,0-101,0 %

Identity according to Pharmacopoeiasp/t

Melting range258-263°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solutionp/t

Colour of solutionp/t

Insoluble matter in C₂H₅OHp/t

Acidity or alkalinityp/t

Loss on drying at 105°C0,5 %

Residue on ignition (as SO₄)0,1 %

Residual solvents (Ph.Eur./USP)p/t

Chromatography impurities (HPLC)p/t

Related substances (T.L.C.)0,5 %

Fluoranep/t

Chloride (Cl)0,01 %

Sulphate (SO₄)0,02 %

Heavy metals (as Pb)0,001 %

As0,0002 %

Cu0,001 %

Fe0,01 %

Ni0,001 %

Pb0,001 %

Order code Package Units/Box st.

141325.1208 100 g 6

141325.1210 500 g 6

141325.0914 5 kg 6

141325.0416 25 kg 6

PHENOLPHTHALEIN SOLUTIONS

Phenolphthalein solution 0,2% RV

pH indicator 8,0 colourless; 10,0 red violet

C₂₀H₁₄O₄

M: 318,33 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l-0,918kg 1kg-1,089l

SPECIFICATIONS:

pH transition interval:

colourless8,0

red-violet10,0

Order code Package Units/Box st.

281326.1208 100 ml 6

Phenolphthalein solution 1% RV

pH indicator 8,0 colourless; 10,0 red violet

C₂₀H₁₄O₄

M: 318,33 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H350-H341

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

pH transition interval:

colourless8,0

red-violet10,0

Order code Package Units/Box st.

281327.1209 250 ml 6

281327.1211 1000 ml 6

Phenolphthalein solution 1% VINIKIT

for determination of total acidity in wine and oils. pH indicator 8,0 colourless;

10,0 red violet

C₂₀H₁₄O₄

M: 318,33 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H350-H341

1l-0,903kg 1kg-1,107l

SPECIFICATIONS:

pH transition interval:

colourless8,0

red-violet10,0

Order code Package Units/Box st.

621327.1209 250 ml 6

621327.1211 1000 ml 6

Phenol Red PA-ACS

pH indicator 6,8 yellow; 8,2 red

C₁₉H₁₄O₃S

M: 354,38 CAS: 143-74-8 EINECS: 205-609-7 NC: 2932 29 85

SPECIFICATIONS:

IdentityIR p/t

T.L.Cp/t

MAXIMUM LIMIT OF IMPURITIES

Transition interval according to ACS:

yellow6,8

red8,2

Insoluble matter in C₂H₅OHp/t

Loss on drying at 105°C5 %

Order code Package Units/Box st.

131615.1604 5 g 6

131615.1605 10 g 6

131615.1607 50 g 6

Phenol Red solution 0,02% RV

pH indicator 6,8 yellow; 8,2 red

C₁₉H₁₄O₃S

M: 354,38 CAS: 143-74-8 NC: 3822 00 00

1l-0,979kg 1kg-1,021l

Composition:

Phenol Red0,02 g

Sodium Hydroxide 0,1 mol/l0,6 ml

Ethanol absolute17 ml

Water s.q.m100 ml

Order code Package Units/Box st.

281616.1208 100 ml 6

Phenol Red Sodium Salt PA-ACS

pH indicator 6,8 yellow 8,2 red
 $C_{19}H_{13}NaO_5S$

M: 376,36 CAS: 34487-61-1 EINECS: 252-057-8 NC: 2932 29 85

SPECIFICATIONS:

Identity..... IR p/t.
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 yellow.....6,8
 red.....8,2
 Transition interval according to ACS..... p/t.
 Insoluble matter in H_2O p/t.
 Loss on drying at 110°C..... 5 %

Order code	Package	Units/Box st.
133331.1604	5 g	6

Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA

for determination of the viscosity of polymers, according to ASTM D 4603, ISO 1628

NC: 3822 00 00 UN: 2810

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H330-H310-H300-H314-H411

1l~1,234kg 1kg~0,810l

SPECIFICATIONS:

Assay (as Phenol).....58-62 %
 Assay (as 1,1,2,2-Tetrachloroethane).....38-42 %
 Water (H_2O).....0,05 %

Order code	Package	Units/Box st.
125396.1612	2,5 l	4

2-Phenoxyethanol, 99% PS

$C_8H_{10}O_2$

M: 138,17 CAS: 122-99-6 EINECS: 204-589-7 NC: 2909 49 90

Signal Word: Warning



H302-H319

1l~1,110kg 1kg~0,901l

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
15A631.1611	1000 ml	6
15A631.1612	2,5 l	4
15A631.1214	5 l	4
15A631.0716	25 l	

N-Phenylacetamide

(see Acetanilide)

Phenylacetic Acid, 99% PS

$C_8H_8O_2$

M: 136,14 CAS: 103-82-2 EINECS: 203-148-6 NC: 2916 34 00

Minimum assay (G.C. as methyl ester).....99 %

Identity..... IR p/t.

Melting range.....74-77°C

Order code	Package	Units/Box st.
15A680.1209	250 g	6
15A680.1211	1000 g	6

Phenylacetylene, 97% PS

C_8H_6

M: 102,14 CAS: 536-74-3 EINECS: 208-645-1 NC: 2902 90 90 UN: 3295

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H319-H335-H304

1l~0,932kg 1kg~1,073l

SPECIFICATIONS:

Minimum assay (G.C.).....97 %
 Identity..... IR p/t.
 Water (H_2O).....0,25 %

Order code	Package	Units/Box st.
15A794.1606	25 ml	6
15A794.1608	100 ml	6

L-Phenylalanine (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

$C_9H_9NO_2$

M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....98,5-101,0%
 Identity according to Pharmacopoeias..... p/t.
 T.L.C..... p/t.
 Specific rotation $[\alpha]^{20}_D c=2$ (in H_2O) (calc. a.d.s.).....-33,0 to -34,7°
 pH of 1% solution.....5,4-6,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution..... p/t.
 Insoluble matter in HCl 1 mol/l..... p/t.
 Loss on drying at 105°C.....0,3 %
 Residue on ignition (as SO_4).....0,1 %
 Residual solvents (Ph.Eur./USP)..... p/t
 Chloride (Cl).....0,02 %
 Sulphate (SO_4).....0,03 %
 Ammonium (NH_4).....0,02 %
 Heavy metals (as Pb).....0,001 %
 As.....0,00015 %
 Cu.....0,001 %
 Fe.....0,001 %
 Ni.....0,001 %
 Pb.....0,001 %

Order code	Package	Units/Box st.
142047.1208	100 g	6
142047.0914	5 kg	

L-Phenylalanine (F.C.C.) ADITIO

$C_9H_9NO_2$

M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00

SPECIFICATIONS:

Assay (as $C_9H_9NO_2$) calc. a.d.s.....98,5-101,5 %
 Appearance..... p/t
 Identity:
 IR spectrum..... p/t.
 Lead, not more than.....5 ppm
 Loss on drying, not more than.....0,2 %
 Residue on ignition, not more than.....0,1 %
 Specific rotation $[\alpha]^{20}_D$ calc. on the dried basis.....-33,2 to -35,2°
 Specifications F.C.C. 6
 "For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
202047.0914	5 kg	

L-Phenylalanine, 99% PS

$C_9H_9NO_2$

M: 165,19 CAS: 63-91-2 EINECS: 200-568-1 NC: 2922 50 00

Minimum assay.....99 %

Order code	Package	Units/Box st.
152047.1606	25 g	6
152047.1608	100 g	6

Phenylamine

(see Aniline)

4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA

redox indicator

$C_{24}H_{20}BaN_2O_6S_2$

M: 633,90 CAS: 6211-24-1 EINECS: 228-278-0 NC: 2921 44 00 UN: 1564

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H332-H302

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C.....1 %
 Sensitivity as indicator..... p/t.

Order code	Package	Units/Box st.
122353.1604	5 g	6
122353.1606	25 g	6

4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS

redox indicator

$C_{12}H_{10}NNaO_3S$

M: 271,27 CAS: 6152-67-6 EINECS: 228-165-6 NC: 2921 45 00

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Sensitivity as indicator..... p/t.

Order code	Package	Units/Box st.
132845.1605	10 g	6
132845.1606	25 g	6

N-Phenylaniline

(see Diphenylamine)

Phenylarsine Oxide, 95% PS

C₆H₅AsO

M: 168,03 CAS: 637-03-6 EINECS: 211-275-3 NC: 2931 00 95 UN: 3465

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Minimum assay 95 %
Identity IR p/t.

Order code	Package	Units/Box st.
15A795.1604	5 g	6

Phenylarsonic Acid, 97% PS

C₆H₅AsO₃

M: 202,04 CAS: 98-05-5 EINECS: 202-631-9 NC: 2931 00 95 UN: 3465

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Assay 97 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B159.1206	25 g	6
15B159.1208	100 g	6

1-[4-(Phenylazo) Phenylazo]-2-Naphthol

(see Sudan III)

Phenylbenzene

(see Biphenyl)

4-Phenylbenzophenone

(see 4-Benzoylbiphenyl)

Phenyl Bromide

(see Bromobenzene)

2-Phenylbutyric Acid, 98% PS

C₁₀H₁₂O₂

M: 164,21 CAS: 90-27-7 EINECS: 201-982-5 NC: 2916 39 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t.
Melting range 39-42°C

Order code	Package	Units/Box st.
15A916.1608	100 g	6
15A916.1610	500 g	6

Phenylcyanide

(see Benzonitrile)

(1R, 2S)-2-Phenyl-1-Cyclohexanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(1S, 2R)-2-Phenyl-1-Cyclohexanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

2-Phenylethyl Acetate, 98% PS

C₁₀H₁₂O₂

M: 164,20 CAS: 103-45-7 EINECS: 203-113-5 NC: 2915 39 80

1l~1,034kg 1kg~0,967l

SPECIFICATIONS:

Minimum assay 98 %
Identity IR p/t.
Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
15A923.1609	250 ml	6

Phenylethylene

(see Styrene)

Phenyl Ethylketone

(see Propiophenone)

mono-Phenylglycol

(see 2-Phenoxyethanol)

Phenylhydrazine (Reag. USP) PA

C₆H₈N₂

M: 108,14 CAS: 100-63-0 EINECS: 202-873-5 NC: 2928 00 90 UN: 2572

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H331-H311-H301-H319-H315-H317-H372-H341-H400

1l~1,098kg 1kg~0,911l

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 98,0 %
Identity IR p/t.
Freezing point >16°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH₃COOH p/t.
Residue on ignition (as SO₃) 0,1 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
122376.1609	250 ml	6

Phenylhydrazine, 98% PS

C₆H₈N₂

M: 108,14 CAS: 100-63-0 EINECS: 202-873-5 NC: 2928 00 90 UN: 2572

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H331-H311-H301-H319-H315-H317-H372-H341-H400-

1l~1,098kg 1kg~0,911l

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 98 %
Identity IR p/t.
Density at 20/4 1,096-1,099

Order code	Package	Units/Box st.
162376.1608	100 ml	6
162376.1610	500 ml	6

2-Phenylhydrazinecarboxamide

(see 1-Phenylsemicarbazide)

Phenylhydrazinium Chlorhydrate

(see Phenylhydrazinium Chloride)

Phenylhydrazinium Chloride PA

C₆H₅NHNH₂.HCl

M: 144,61 CAS: 59-88-1 EINECS: 200-444-7 NC: 2928 00 90 UN: 2811

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H331-H311-H301-H319-H315-H317-H372-H341-H400

SPECIFICATIONS:

Minimum assay (Arg.) 98,0 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,02 %
Residue on ignition (as SO₃) 0,2 %
Sulphate (SO₃) 0,01 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
122328.1608	100 g	6
122328.1609	250 g	6

Phenylmagnesium Bromide 1,2M in THF PS

C₆H₅BrMg

M: 181,31 CAS: 100-58-3 EINECS: 202-867-2 NC: 3824 90 98 UN: 3399

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/- PAX: P CAO: P

Signal Word: Danger



H225-H261-EUH019-H314-H335

SPECIFICATIONS:

Assay (as C₆H₅BrMg) 1,0-1,2 M

Order code	Package	Units/Box st.
15B127.1608	100 ml	6
15B127.1610	500 ml	6

Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX

$C_8H_8HgO_2$

M: 336,74 CAS: 62-38-4 EINECS: 200-532-5 NC: 2931 00 95 UN: 1674

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H314-H372-H410

SPECIFICATIONS:

Assay (calc. a.d.s.).....98,0-100,5 %
Identity according to Pharmacopoeias p/t.
Melting range..... 149-153°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying 0,5 %
Residue on ignition (as SO_2) 0,2 %
Polymercurated benzene compounds 1,5 %
Mercuric salts and Heavy metals p/t.
Ionised mercury 0,2 %
Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
142358.1608	100 g	6

Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX

$C_{12}H_{11}Hg_2NO_4$

M: 634,40 CAS: 8003-05-2 EINECS: 200-242-9 NC: 2931 00 95 UN: 1895

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H314-H372-H410

SPECIFICATIONS:

Assay (as Hg) calc. a.d.s62,5-64,0 %
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying 1,0 %
Inorganic mercuric compounds..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.

Order code	Package	Units/Box st.
145518.1608	100 g	6

2-Phenylphenol

(see 2-Hydroxybiphenyl)

Phenylphosphate Sodium Salt

(see di-Sodium Phenyl Phosphate 2-hydrate)

3-Phenyl-2-Propenal

(see Cinnamaldehyde)

1-Phenylsemicarbazide, 99% PS

$C_7H_9N_3O$

M: 151,17 CAS: 103-03-7 EINECS: 203-072-3 NC: 2928 00 90

Signal Word: Warning



H319-H335-H315-H351

SPECIFICATIONS:

Minimum assay (HPLC)99 %
IdentityIR p/t.
Melting range..... 171-175°C

Order code	Package	Units/Box st.
15A608.1207	50 g	6
15A608.1209	250 g	6

2-(Phenylthio) Ethanol, 98% PS

$C_8H_{10}OS$

M: 154,23 CAS: 699-12-7 EINECS: 211-828-9 NC: 2930 90 85

Signal Word: Warning



H319

1l~1,143kg 1kg~0,874l

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A110.1605	10 ml	6
15A110.1607	50 ml	6

pH INDICATORS

pH Indicator papers as reels (1 reel of 5 m x 10 mm in every box)

Universal Paper Reel pH 1-11 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524150.1825	Box	6

Universal Paper Reel pH 1-14 (gradation 1,0/2,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524151.1825	Box	6

Special Paper Reel pH 5,5-9,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524152.1825	Box	6

Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524153.1825	Box	6

Special Paper Reel pH 0,5-5,5 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524154.1825	Box	6

Special Paper Reel pH 9,0-13,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524155.1825	Box	6

Tricolor Paper Reel pH 1-11 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524169.1825	Box	6

pH indicator papers as strips with colour scale (box with 200 strips)

Strips pH 3,8-5,5 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524156.1826	Box	6

Strips pH 6,0-8,1 (gradation 0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524157.1826	Box	6

Strips pH 2,8-4,6 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524158.1826	Box	6

Strips pH 1-12 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524159.1826	Box	6

Strips pH 5,2-6,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524160.1826	Box	6

Strips pH 1,8-3,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524161.1826	Box	6

Strips pH 7,2-8,8 (gradation 0,2/0,3)

NC: 3822 00 00

Order code	Package	Units/Box st.
524162.1826	Box	6

Strips pH 9,5-12,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524163.1826	Box 	6

pH indicator papers sticks (non bleeding) (box with 100 strips)

Non bleeding sticks pH 0-14 (gradation 1,0)

NC: 3822 00 00

Order code	Package	Units/Box st.
524164.1826	Box 	6

Non bleeding sticks pH 4,5-10,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524165.1826	Box 	6

Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524166.1826	Box 	6

Non bleeding sticks pH 0,0-6,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524167.1826	Box 	6

Non bleeding sticks pH 7,0-14,0 (gradation 0,5)

NC: 3822 00 00

Order code	Package	Units/Box st.
524168.1826	Box 	6

Universal Indicator of pH, solution RV

COLOUR RANGE ZONE: pH 1,0 red sherry; pH 2,0 pink; pH 3,0 red orange; pH 4,0 orange red; pH 5,0 orange; pH 6,0 yellow; pH 7,0 yellow green; pH 8,0 green; pH 9,0 green bluish; pH 10,0 blue

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,800kg 1kg~1,250l

Composition:

p-Dimethylaminoazobenzene.....	60 mg
Methyl Red.....	40 mg
Bromothymol Blue.....	80 mg
Thymol Blue.....	100 mg
Phenolphthalein.....	20 mg
Sodium Hydroxide 1 mol/l.....	0,45 ml
Water.....	4 ml
Ethanol absolute.....	100 ml

Order code	Package	Units/Box st.
281370.1208	100 ml 	6

Phloxine B (C.I. 45410) DC

for microscopy, bacteria staining, protozoos and seaweed, recount of eosinophils

C₂₀H₂Br₂Cl₂Na₂O₈

M: 829,64 CAS: 18472-87-2 EINECS: 242-355-6 NC: 3204 12 00

SPECIFICATIONS:

Identity.....	IR p/t.
λ of max. ABS in C ₂ H ₅ OH 50%.....	546-550 nm
A 1%, 1 cm, λ _{max}	>750
T.L.C.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C..... 10 %

Order code	Package	Units/Box st.
252081.1604	5 g 	6
252081.1606	25 g 	6

PHOSPHATE SOLUTION

(see Standards for Ionic Chromatography)

Phosphomolybdic Acid x-hydrate PA-ACS

H₃[P(Mo₃O₁₀)₄].xH₂O

M: 1825,25 (anh.) CAS: 51429-74-4 EINECS: 234-713-5 NC: 2811 19 80

UN: 3260 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Nitrogen compounds (as N).....	0,02 %
Chloride (Cl).....	0,02 %
Sulphate (SO ₄).....	0,025 %
Ammonium (NH ₄).....	0,01 %
Heavy metals (as Pb).....	0,005 %
Ca.....	0,02 %
Fe.....	0,002 %
K.....	0,05 %
Na.....	0,05 %
Pb.....	0,003 %

Order code	Package	Units/Box st.
131031.1606	25 g 	6
131031.1608	100 g 	6

Phosphonic Acid

(see Phosphorous Acid)

N-(Phosphonomethyl) Glycine, 95% PS

C₃H₅NO₃P

M: 169,07 CAS: 1071-83-6 EINECS: 213-997-4 NC: 2931 00 95 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H318-H411

SPECIFICATIONS:

Assay..... 95 %
Identity..... IR p/t.

Order code	Package	Units/Box st.
15C098.1603	1 g 	6
15C098.1604	5 g 	6

ortho-Phosphoric Acid 85% PA-ACS-ISO

H₃PO₄

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l~1,70kg 1kg~0,59l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 85,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Insoluble matter in H ₂ O.....	0,001 %
Reducing substances to KMnO ₄ (as O).....	0,001 %
Suitability for COD determination.....	p/t.
Volatile acidity (as CH ₃ COOH).....	0,001 %
Chloride (Cl).....	0,0003 %
Nitrate (NO ₃).....	0,0005 %
Silicate (SiO ₂).....	0,025 %
Sulphate (SO ₄).....	0,003 %
Heavy metals (as Pb).....	0,001 %
As.....	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag.....	1	Fe.....	10	Pb.....	1
Al.....	5	Ga.....	1	Pt.....	5
Au.....	1	Ge.....	1	Sb.....	2
B.....	1	Hg.....	1	Si.....	5
Ba.....	5	In.....	5	Sn.....	1
Be.....	1	K.....	5	Sr.....	1
Bi.....	1	Li.....	5	Ti.....	1
Ca.....	10	Mg.....	10	Tl.....	1
Cd.....	1	Mn.....	0,5	V.....	1
Co.....	1	Mo.....	1	Zn.....	2
Cr.....	5	Na.....	250	Zr.....	1
Cu.....	1	Ni.....	1		

Order code	Package	Units/Box st.
131032.1211	1000 ml 	6
131032.1212	2,5 l 	4
131032.1214	5 l 	4
131032.0716	25 l 	

ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

H₃PO₄

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,70kg 1kg-0,59l

SPECIFICATIONS:

Assay (Acidim.)85,0-88,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.

Residual solvents (Ph.Eur./USP) p/t.

Precipit. substances by NH₄OH p/t.

Hypophosphorous and phosphorous acid p/t.

Chloride (Cl) 0,005 %

Alkaline phosphates p/t.

Nitrate p/t.

Sulphate (SO₄) 0,01 %

Heavy metals (as Pb) 0,001 %

As 0,0002 %

Ca 0,01 %

Cu 0,001 %

Fe 0,005 %

Mg 0,01 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
141032.1211	1000 ml	6
141032.1212	2,5 l	4
141032.1214	5 l	4
141032.0716	25 l	
141032.0718	60 l	

ortho-Phosphoric Acid 85% (F.C.C.) ADITIO

H₃PO₄

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,70kg 1kg-0,59l

SPECIFICATIONS:

Assay (Acidim.), not less than 85 %

Appearance p/t

Identity:

Phosphate p/t.

Arsenic (as As), not more than 3 ppm

Fluoride, not more than 10 ppm

Chloride, not more than 0,02 %

Nitrate (as NaNO₃), not more than 5 ppm

Sulphate (as CaSO₄), not more than 0,15 %

Heavy metals (as Pb), not more than 5 ppm

Volatile acidity (as CH₃COOH), not more than 10 ppm

Cadmium (Cd), not more than 1 ppm

Lead (Pb), not more than 3 ppm

Mercury (Hg), not more than 1 ppm

Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201032.1214	5 l	
201032.0716	25 l	

ortho-Phosphoric Acid 85% QP

H₃PO₄

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,70kg 1kg-0,59l

SPECIFICATIONS:

Assay (Acidim.) 84 %

Chloride (Cl) 0,01 %

Nitrate (NO₃) 0,01 %

Fe 0,005 %

Pb 0,005 %

Order code	Package	Units/Box st.
211032.1214	5 l	
211032.0716	25 l	
211032.0718	60 l	

ortho-Phosphoric Acid 50% PA

H₃PO₄

M: 98,00 CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-1,33kg 1kg-0,75l

SPECIFICATIONS:

Assay (Acidim.)50-51 %

MAXIMUM LIMIT OF IMPURITIES

Reducing substances to KMnO₄ (as O) 0,001 %

Volatile acidity (as CH₃COOH) 0,001 %

Chloride (Cl) 0,0005 %

Nitrate (NO₃) 0,0005 %

Silicate (as SiO₂) 0,025 %

Sulphate (SO₄) 0,006 %

As 0,0001 %

Ca 0,005 %

Cd 0,0001 %

Co 0,0001 %

Cr 0,0001 %

Cu 0,0001 %

Fe 0,001 %

K 0,0005 %

Mg 0,001 %

Mn 0,0001 %

Na 0,05 %

Ni 0,0001 %

Pb 0,0001 %

Sb 0,0002 %

Zn 0,0002 %

Order code	Package	Units/Box st.
121660.1611	1000 ml	6
121660.1214	5 l	4

meta-Phosphoric Acid stabilized with NaPO₃ (Reag. Ph. Eur.) PA-ACS

(HPO₃)_n

M: (79,98)n CAS: 37267-86-0 EINECS: 253-433-4 NC: 2809 20 00 UN: 3260

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (as HPO₃)33,5-36,5 %

MAXIMUM LIMIT OF IMPURITIES

Reducing substances by KMnO₄ (as H₃PO₃) 0,01 %

Stabilizer (NaPO₃)57,0-63,0 %

Chloride (Cl) 0,001 %

Nitrate (NO₃) 0,001 %

Sulphate (SO₄) 0,005 %

Heavy metals (as Pb) 0,005 %

As 0,0001 %

Cd 0,001 %

Co 0,0005 %

Cu 0,001 %

Fe 0,005 %

Mn 0,0005 %

Ni 0,001 %

Pb 0,001 %

Zn 0,001 %

Order code	Package	Units/Box st.
135324.1208	100 g	6
135324.1209	250 g	6
135324.1211	1000 g	6

Phosphoric Anhydride

(see di-Phosphorus penta-Oxide)

Phosphorous Acid PRS

H₃PO₃

M: 82,00 CAS: 13598-36-2 EINECS: 237-066-7 NC: 2811 19 80 UN: 2834

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay 98,5 %

Chloride (as HCl) 0,005 %

Fe 0,002 %

Order code	Package	Units/Box st.
143573.1209	250 g	6

Phosphorus red PRS

P
M: 30,97 CAS: 7723-14-0 EINECS: 231-768-7 NC: 2804 70 00 UN: 1338
IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 422 CAO: 421
Signal Word: Danger



H228-H412

SPECIFICATIONS:
Yellow Phosphorus..... p/t.

Order code	Package	Units/Box st.
141329.1209	250 g	6
141329.0914	5 kg	

PHOSPHORUS SOLUTIONS

(see Standards for ICP)

Phosphorus tri-Bromide, 98% PS

PBr₃
M: 270,70 CAS: 7789-60-8 EINECS: 232-178-2 NC: 2812 10 18 UN: 1808
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: 813
Signal Word: Danger



EUH014-H314-H335 CE: 015-103-00-6

1l-2,880kg 1kg-0,347l

SPECIFICATIONS:
Minimum assay (Arg.).....98 %
Density at 20/42,875-2,885

Order code	Package	Units/Box st.
15A801.1608	100 ml	6

di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO

P₂O₅
M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Minimum assay (Acidim.).....98,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O.....0,02 %
Phosphorus(III) oxide (P₂O₃).....0,02 %
Nitrogen compounds (as N)0,002 %
Heavy metals (as Pb).....0,005 %
As0,005 %

Metals by ICP [mg/Kg (ppm)]

Al.....5	Ga.....5	Pt.....5
Ba.....5	Hg.....10	Sb.....5
Be.....5	K.....50	Si.....5
Bi.....5	Li.....5	Sn.....5
Ca.....50	Mg.....5	Sr.....5
Cd.....5	Mn.....5	Ti.....5
Co.....5	Mo.....5	Tl.....5
Cr.....5	Na.....50	V.....5
Cu.....5	Ni.....5	Zn.....5
Fe.....5	Pb.....5	Zr.....5

Order code	Package	Units/Box st.
131154.1208	100 g	6
131154.1210	500 g	6

di-Phosphorus penta-Oxide PRS

P₂O₅
M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Assay (Acidim.).....98 %
Insoluble matter in H₂O.....0,05 %
Phosphorus(III) oxide (P₂O₃).....0,05 %
Nitrogen compounds (as N)0,01 %
Cu.....0,005 %
Fe.....0,005 %
Ni.....0,005 %
Pb.....0,005 %

Order code	Package	Units/Box st.
141154.1210	500 g	6
141154.1211	1000 g	6

di-Phosphorus penta-Oxide, 98% PS

P₂O₅
M: 141,94 CAS: 1314-56-3 EINECS: 215-236-1 NC: 2809 10 00 UN: 1807
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817
Signal Word: Danger



H314

SPECIFICATIONS:
Assay (Acidim.).....98 %

Order code	Package	Units/Box st.
151154.1208	100 g	6
151154.1210	500 g	6

Phosphorus Oxide Trichloride

(see Phosphoryl Chloride)

Phosphorus Oxychloride

(see Phosphoryl Chloride)

Phosphorus(V) Oxide

(see di-Phosphorus penta-Oxide)

Phosphoryl Chloride, 99% PS

POCl₃
M: 153,33 CAS: 10025-87-3 EINECS: 233-046-7 NC: 2812 10 11 UN: 1810
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: P CAO: P
Signal Word: Danger



EUH014-H302-H330-H314-H372

1l-1,675kg 1kg-0,597l

SPECIFICATIONS:
Minimum assay (Arg.).....99 %
Density at 20/41,673-1,677

Order code	Package	Units/Box st.
15A800.1611	1000 ml	6
15A800.1612	2,5 l	4
15A800.0816	25 l	

Phosphotungstic Acid hydrate PA

H₅[P(W₃O₁₀)₄].xH₂O
M: 2880,17(anhyd) CAS: 12067-99-1 EINECS: 235-087-6 NC: 2811 19 80
Signal Word: Danger

SPECIFICATIONS:
Identity.....IR p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O.....0,01 %
Insoluble matter in C₂H₅OH p/t.
Loss on drying at 800°C.....17 %
Nitrogen compounds (as N)0,002 %
Chloride (Cl).....0,005 %
Sulphate (SO₄)0,02 %
Cd.....0,001 %
Co.....0,001 %
Cu.....0,001 %
Fe.....0,002 %
K.....0,03 %
Na.....0,03 %
Ni.....0,001 %
Pb.....0,002 %
Zn.....0,001 %

Order code	Package	Units/Box st.
121033.1606	25 g	6
121033.1608	100 g	6

Phosphowolframic Acid

(see Phosphotungstic Acid hydrate)

Phthalein Purple PA-ACS

for complexometry
C₃₂H₃₂N₂O₁₂
M: 636,62 CAS: 2411-89-4 EINECS: 219-318-8 NC: 2932 29 85
Signal Word: Danger

SPECIFICATIONS:
Identity.....IR p/t.
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in CH₃OH p/t.
Loss on drying at 135°C.....15 %
Residue on ignition (as SO₃)1,0 %
o-Cresolphthalein p/t.
Suitability as a mixed indicator for complexometry according to ACS p/t.

Order code	Package	Units/Box st.
132637.1603	1 g	6

Phthalic Acid, 99,5% PS

C₈H₆O₄

M: 166,13 CAS: 88-99-3 EINECS: 201-873-2 NC: 2917 20 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 99,5 %

Order code	Package	Units/Box st.
15A330.1609	250 g	6
15A330.1611	1000 g	6

Phthalic Acid Diethyl Ester

(see Diethyl Phthalate)

Phthalic Acid Dimethyl Ester

(see Dimethyl Phthalate)

Phthalic Anhydride PA-ACS

C₈H₄O₃

M: 148,12 CAS: 85-44-9 EINECS: 201-607-5 NC: 2917 35 00 UN: 2214

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H335-H315-H318-H334-H317

SPECIFICATIONS:

Assay (Morpholine meth.) 99,0-100,2%

Identity IR p/t

Melting range 129-132°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,01 %

Sulphur compounds (as SO₂) 0,003 %

Chloride (Cl) 0,002 %

Heavy metals (as Pb) 0,0005 %

Cu 0,0005 %

Fe 0,0005 %

Ni 0,0005 %

Pb 0,0005 %

Order code	Package	Units/Box st.
131155.1210	500 g	6
131155.1211	1000 g	6
131155.0914	5 kg	
131155.0416	25 kg	

Phthalic Anhydride, 98% PS

C₈H₄O₃

M: 148,12 CAS: 85-44-9 EINECS: 201-607-5 NC: 2917 35 00 UN: 2214

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H335-H315-H318-H334-H317

SPECIFICATIONS:

Minimum assay (Morpholine met.) 98 %

Identity IR p/t

Melting range 129-132°C

Order code	Package	Units/Box st.
161155.1209	250 g	6
161155.1211	1000 g	6

Phthalide, 99% PS

C₈H₆O₂

M: 134,14 CAS: 87-41-2 EINECS: 201-744-0 NC: 2932 29 85

SPECIFICATIONS:

Minimum assay (G.C.) 99 %

Identity IR p/t

Melting range 70-73°C

Order code	Package	Units/Box st.
15A802.1208	100 g	6

Phthalimide, 98% PS

C₈H₅NO₂

M: 147,13 CAS: 85-41-6 EINECS: 201-603-3 NC: 2925 19 95

SPECIFICATIONS:

Assay (Acidim.) 98 %

Identity IR p/t

Melting range 232-238°C

Order code	Package	Units/Box st.
151330.1208	100 g	6
151330.1211	1000 g	6

Phthalimide Potassium Salt, 98% PS

C₈H₄KNO₂

M: 185,23 CAS: 1074-82-4 EINECS: 214-046-6 NC: 2925 19 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15B018.1604	5 g	6
15B018.1608	100 g	6
15B018.1610	500 g	6

2-Picoline

(see 2-Methylpyridine)

Picric Acid moistened with ~33% of H₂O (Reag. Ph. Eur.) PRS

C₆H₃N₃O₇

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90 UN: 1344

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



EUH001-H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.) 98,0 %

Identity IR p/t

Melting range 119-122°C

Insoluble and resinous matter 0,1 %

Residue on ignition (as SO₂) 0,1 %

Chloride (Cl) 0,005 %

Sulphate (SO₄) 0,5 %

(Analysis applied to the dry substance)

Order code	Package	Units/Box st.
141048.1609	250 g	6
141048.1610	500 g	6

Picric Acid, 98% moistened with ~33% of H₂O PS

C₆H₃N₃O₇

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90 UN: 1344

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Danger



EUH001-H331-H311-H301

SPECIFICATIONS:

Assay 98 %

Identity IR p/t

(Analysis applied to the dry substance)

Order code	Package	Units/Box st.
151048.1608	100 g	6
151048.1610	500 g	6

Picric Acid saturated solution DC

for determination of alcohol and creatinine

C₆H₃N₃O₇

M: 229,11 CAS: 88-89-1 EINECS: 201-865-9 NC: 2908 99 90

1l-1,006kg 1kg-0,994l

SPECIFICATIONS:

Minimum assay (w/v) 1,2 %

Order code	Package	Units/Box st.
251049.1610	500 ml	6

Pimelic Ketone

(see Cyclohexanone)

Piperazine

(see Piperazine anhydrous)

Piperazine anhydrous, 98% PS

C₄H₁₀N₂

M: 86,14 CAS: 110-85-0 EINECS: 203-808-3 NC: 2933 59 95 UN: 2579

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314-H334-H317-H361fd

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Melting range 108-111°C

Order code	Package	Units/Box st.
15A849.1208	100 g	6
15A849.1210	500 g	6

Piperazine 6-hydrate PRS

NHCH₂CH₂NHCH₂CH₂·6H₂O

M: 194,23 CAS: 142-63-2 EINECS: 203-808-3 NC: 2933 59 95 UN: 2579

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314-H334-H317-H361fd

SPECIFICATIONS:

Assay (as N)(N deter.) 13,9-14,6 %

Residue on ignition 0,2 %

Amines and ammonia (as NH₃) 0,7 %

Cu 0,0005 %

Ni 0,0005 %

Pb 0,0005 %

Order code	Package	Units/Box st.
141453.1210	500 g	6

Piperidine (Reag. Ph. Eur.) PA

C₅H₁₁N
 M: 85,15 CAS: 110-89-4 EINECS: 203-813-0 NC: 2933 32 00 UN: 2401
 IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
 Signal Word: Danger



H225-H331-H314

1l-0,863kg 1kg-1,159l

SPECIFICATIONS:

Minimum assay (G.C.) 99,0 %
 Identity IR p/t.
 Density at 20/4 0,861-0,864
 Boiling range (>95% dist.) 104-106°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,05 %
 2-Methylpyridine (G.C.) 0,1 %
 Pyridine (G.C.) 0,3 %
 Water (H₂O) 0,3 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,001 %
 Cu 0,0001 %
 Fe 0,0001 %
 Ni 0,0001 %
 Pb 0,0001 %

Order code	Package	Units/Box st.
122377.1608	100 ml	6
122377.1610	500 ml	6

Piperidine, 99% PS

C₅H₁₁N
 M: 85,15 CAS: 110-89-4 EINECS: 203-813-0 NC: 2933 32 00 UN: 2401
 IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
 Signal Word: Danger



H225-H331-H314

1l-0,863kg 1kg-1,159l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,861-0,864
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
162377.1610	500 ml	6
162377.1611	1000 ml	6

4-Piperidinol

(see 4-Hydroxypiperidine)

(R)-2-Piperidino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-2-Piperidino-1,1,2-Triphenylethanol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

PIPES

(see Piperazine-1,4-Bis (2-Ethanesulfonic) Acid)

PLATINUM SOLUTIONS

(see Standards for ICP)

Platinum(IV) Chloride anhydrous, 98% PS

PtCl₄
 M: 336,90 CAS: 13454-96-1 EINECS: 236-645-1 NC: 2843 90 90 UN: 3260
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H302-H314-H317

SPECIFICATIONS:

Minimum assay 98 %
 Bottled under argon atmosphere.

Order code	Package	Units/Box st.
165306.1603	1 g	6

Platinum Dioxide

(see Platinum(IV) Oxide x-hydrate)

Platinum(IV) Oxide x-hydrate PS

PtO₂.xH₂O
 M: 227,09(anh) CAS: 1314-15-4 EINECS: 215-223-0 NC: 2843 90 90 UN: 3085
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Warning



H272-H315-H317

SPECIFICATIONS:

Minimum assay (Pt) 80,5 %

Order code	Package	Units/Box st.
15A853.1603	1 g	6
15A853.1604	5 g	6

Plumbic

(see Lead(IV) compounds)

Plumbous

(see Lead(II) compounds)

Polyethylene Glycol 200 PS

HO(C₂H₄O)_nH
 CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
 1l-1,127kg 1kg-0,887l

SPECIFICATIONS:

Average molecular weight 190-210
 Identity IR p/t.
 Density at 20/4 1,125-1,128
 Hydroxyl value 535-590

Order code	Package	Units/Box st.
162434.1211	1000 ml	6
162434.1214	5 l	4
162434.0716	25 l	

Polyethylene Glycol 300 PS

HO(C₂H₄O)_nH
 CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
 1l-1,127kg 1kg-0,887l

SPECIFICATIONS:

Average molecular weight 285-315
 Identity IR p/t.
 Density at 20/4 1,125-1,128
 Hydroxyl value 356-394

Order code	Package	Units/Box st.
162435.1211	1000 ml	6
162435.1214	5 l	4
162435.0716	25 l	

Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

HO(C₂H₄O)_nH
 CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
 1l-1,127kg 1kg-0,887l

Average molecular weight 380-420
 Identity according to Pharmacopoeias p/t.
 Hydroxyl value 264-300
 Viscosity at 99°C 6,8-8,0 cSt
 Kinematic viscosity at 20°C 94-116 cSt
 Dynamic viscosity at 20°C 105-130 mPa.s
 pH of 5% solution 4,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Residue on ignition (as SO₄) 0,1 %
 Reducing substances p/t.
 Residual Solvents (Ph.Eur./USP) p/t.
 Ethylene Oxide (G.C.) 0,0001 %
 1,4-Dioxane (G.C.) 0,001 %
 Ethylene Glycol and Diethylene Glycol (G.C.) 0,25 %
 Acidity or alkalinity p/t.
 Water (H₂O) 2,0 %
 Formaldehyde (CH₂O) 0,0015 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0003 %

Order code	Package	Units/Box st.
142436.1611	1000 ml	6
142436.1214	5 l	4

Polyethylene Glycol 400 PS

HO(C₂H₄O)_nH
 CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
 1l-1,127kg 1kg-0,887l

SPECIFICATIONS:

Average molecular weight 380-420
 Identity IR p/t.
 Density at 20/4 1,125-1,128
 Hydroxyl value 267-295

Order code	Package	Units/Box st.
162436.1611	1000 ml	6
162436.1214	5 l	4
162436.0716	25 l	

Polyethylene Glycol 600 PS

HO(C₂H₄O)_nH
 CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11
 1l-1,126kg 1kg-0,888l

SPECIFICATIONS:

Average molecular weight 560-640
 Identity IR p/t.
 Density at 20/4 1,125-1,128
 Hydroxyl value 175-198

Order code	Package	Units/Box st.
163925.1611	1000 ml	6
163925.1214	5 l	4

Polyethylene Glycol 1500 PS

HO(C₂H₄O)_nH

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 1400-1600
 Identity IR p/t
 Melting range 42-48°C
 Hydroxyl value 66-80

Order code	Package	Units/Box st.
162525.1211	1000 g	6
162525.0914	5 kg	
162525.0416	25 kg	

Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

HO(C₂H₄O)_nH

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 3600-4400
 Identity according to Pharmacopoeias p/t
 Hydroxyl value 25-32
 Viscosity at 99°C 110-158 cSt
 Kinematic viscosity of 50% w/w sol. at 20°C 102-158 cSt
 Dynamic viscosity of 50% w/w sol. at 20°C 110-170 mPa.s
 Freezing point 53-58°C
 pH of 5% solution 4,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Residue on ignition (as SO₂) 0,1 %
 Reducing substances p/t
 Residual solvents (Ph.Eur./USP) p/t
 Ethylene Oxide (G.C.) 0,0001 %
 1,4-Dioxane (G.C.) 0,001 %
 Acidity or alkalinity p/t
 Water (H₂O) 1,0 %
 Formaldehyde (CH₂O) 0,0015 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0003 %

Order code	Package	Units/Box st.
142438.1211	1000 g	6
142438.0914	5 kg	

Polyethylene Glycol 4000 flakes PS

HO(C₂H₄O)_nH

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 3500-4500
 Identity IR p/t
 Melting range 58-62°C
 Hydroxyl value 25-35

Order code	Package	Units/Box st.
162438.1211	1000 g	6
162438.0914	5 kg	
162438.0416	25 kg	

Polyethylene Glycol 6000 flakes PS

HO(C₂H₄O)_nH

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 5000-7000
 Identity IR p/t
 Melting range 59-64°C
 Hydroxyl value 16-23

Order code	Package	Units/Box st.
162439.1211	1000 g	6
162439.0914	5 kg	
162439.0416	25 kg	

Polyethylene Glycol 6000 powder PS

HO(C₂H₄O)_nH

CAS: 25322-68-3 EINECS: 203-473-3 NC: 3907 20 11

SPECIFICATIONS:

Average molecular weight 5000-7000
 Identity IR p/t
 Melting range 59-64°C
 Hydroxyl value 16-23

Order code	Package	Units/Box st.
163325.1211	1000 g	6
163325.0914	5 kg	
163325.0416	25 kg	

Polyoxiethylenelauroic Ether

(see Brij ® 35)

Polyphosphoric Acid PS

H₁₀P₂O₇·nH₂O

CAS: 8017-16-1 EINECS: 232-417-0 NC: 2809 20 00 UN: 1805

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Danger



H314

1l-2,060kg 1kg-0,485l

SPECIFICATIONS:

Assay (Acidim.) (as P₂O₅) -85 %

Order code	Package	Units/Box st.
15A471.1606	25 g	6
15A471.1611	1000 g	6

Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l-1,105kg 1kg-0,905l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,2 %
 Total ash 0,25%
 Composition of fatty acids p/t
 Acidity value 2,0
 Hydroxyl value 96-108
 Peroxide value 10,0
 Saponification value 40-50
 Iodine value 5,0
 Reducing Impurities p/t
 Residual solvents (Ph.Eur./USP) p/t
 Ethylene Oxide 0,0001 %
 Dioxane 0,001 %
 Water (H₂O) 3,0 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
146076.1611	1000 ml	6

Polysorbate 20 (E-432) ADITIO

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l-1,105kg 1kg-0,905l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than 97,3 %
 Water (H₂O), not more than 3 %
 Acidity value, not more than 2
 Saponification value 40-50
 Hydroxyl value 96-108
 1,4-Dioxane, not more than 5 ppm
 Ethylene Oxide, not more than 0,2 ppm
 Ethylene Glycol (mono- and di-), not more than 0,25 %
 Arsenic, not more than 3 ppm
 Lead, not more than 5 ppm
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Specifications Dir. 2003/95/CE

Order code	Package	Units/Box st.
206076.1214	5 l	4
206076.0716	25 l	

Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00

1l-1,090kg 1kg-0,917l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t
 Hydroxyl value 89-105
 Saponification value 41-52

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (SO₂) 0,25 %
 Total ash 0,25%
 Composition of fatty acids p/t
 Acidity value 2,0
 Peroxide value 10,0
 Residual solvents (Ph.Eur./USP) p/t
 Ethylene Oxide 0,0001 %
 Dioxane 0,001 %
 Water (H₂O) 3,0 %
 Heavy metals (as Pb) 0,001 %

Order code	Package	Units/Box st.
146158.1611	1000 ml	6
146158.1214	5 l	4
146158.0716	25 l	

Polysorbate 40 (E-434) ADITIO

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00
1l-1,090kg 1kg-0,917l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	97 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	41-52
Hydroxyl value	90-107
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206158.1214	5 l	4
206158.0716	25 l	

Polysorbate 40 PS

M: 1283,64 CAS: 9005-66-7 NC: 3402 13 00
1l-1,090kg 1kg-0,917l

SPECIFICATIONS:

Hydroxyl value	89-105
Saponification value	41-52

Order code	Package	Units/Box st.
156158.1611	1000 ml	6
156158.1214	5 l	4
156158.0716	25 l	

Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX

C₆₄H₁₂₆O₂₆

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00
1l-1,080kg 1kg-0,926l

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t
Hydroxyl value	81-96
Saponification value	45-55

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (SO ₂)	0,2 %
Total ash	0,25%
Composition of fatty acids	p/t
Acidity value	2,0
Peroxide value	10,0
Iodine value	5,0
Reducing impurities	p/t
Residual solvents (Ph.Eur./USP)	p/t
Ethylene Oxide	0,0001 %
Dioxane	0,001 %
Water (H ₂ O)	3,0 %
Heavy metals (as Pb)	0,001 %

Order code	Package	Units/Box st.
146159.1611	1000 ml	6
146159.1214	5 l	4
146159.0716	25 l	

Polysorbate 60 (E-435) ADITIO

C₆₄H₁₂₆O₂₆

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00
1l-1,080kg 1kg-0,926l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	97 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	45-55
Hydroxyl value	81-96
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206159.1214	5 l	4
206159.0716	25 l	

Polysorbate 60 PS

C₆₄H₁₂₆O₂₆

M: 1311,67 CAS: 9005-67-8 EINECS: 500-020-4 NC: 3402 13 00
1l-1,080kg 1kg-0,926l

SPECIFICATIONS:

Hydroxyl value	81-96
Saponification value	45-55

Order code	Package	Units/Box st.
156159.1611	1000 ml	6
156159.1214	5 l	4
156159.0716	25 l	

Polysorbate 65 (E-436) ADITIO

CAS: 9005-71-4 NC: 3402 13 00
1l-1,050kg 1kg-0,952l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	96 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	88-98
Hydroxyl value	40-60
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206160.1214	5 l	4
206160.0716	25 l	

Polysorbate 65 PS

CAS: 9005-71-4 NC: 3402 13 00
1l-1,050kg 1kg-0,952l

SPECIFICATIONS:

Hydroxyl value	40-60
Saponification value	88-98

Order code	Package	Units/Box st.
156160.1611	1000 ml	6
156160.1214	5 l	4
156160.0716	25 l	

Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l-1,075kg 1kg-0,930l

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t
Density at 25/25	1,06-1,09
Viscosity at 25°C	300-500 cSt

MAXIMUM LIMIT OF IMPURITIES

Total ash	0,25 %
Composition of fatty acids	p/t
Acidity value	2,0
Hydroxyl value	65-80
Peroxide value	10,0
Saponification value	45-55
Iodine value	18-24
Reducing impurities	p/t
Residual solvents (Ph.Eur./USP)	p/t
Ethylene Oxide	0,0001 %
Dioxane	0,001 %
Water (H ₂ O)	3,0 %
Heavy metals (as Pb)	0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
146075.1611	1000 ml	6
146075.0716	25 l	

Polysorbate 80 (E-433) ADITIO

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l-1,075kg 1kg-0,930l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	96,5 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	45-55
Hydroxyl value	65-80
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
206075.1214	5 l	4
206075.0716	25 l	

Polysorbate 80 PS

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l-1,075kg 1kg-0,930l

SPECIFICATIONS:

Hydroxyl value	65-80
Saponification value	45-55

Order code	Package	Units/Box st.
156075.1611	1000 ml	6
156075.1214	5 l	4

Polysorbate 85 PS

CAS: 9005-70-3 NC: 3402 13 00

1l-1,110kg 1kg~0,901l

SPECIFICATIONS:

Hydroxyl value 38-52
Saponification value 85-98

Order code Package Units/Box st.

154406.1611	1000 ml		6
154406.1214	5 l		4
154406.0716	25 l		

Ponceau B

(see Biebrich Scarlet)

Ponceau S (C.I. 27195) DC

for electrophoresis

$C_{22}H_{12}N_4Na_3O_{13}S_4$

M: 760,56 CAS: 6226-79-5 EINECS: 228-319-2 NC: 3204 12 00

SPECIFICATIONS:

Identity IR p/t
 λ of max. ABS in H₂O 517-523 nm
A 1%, 1 cm, λ_{max} >460
Ratio λ_{max} P \pm 15 nm 0,98-1,10
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 10 %

Order code Package Units/Box st.

253983.1604	5 g		6
253983.1606	25 g		6

POTASSIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Potassium Acetate PA-ACS

CH₃COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
pH of 5% solution 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,002 %
Nitrogen compounds (as N) 0,001 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,002 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Ca 0,0005 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
Mg 0,001 %
Na 0,03 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code Package Units/Box st.

131479.1210	500 g		6
131479.1211	1000 g		6

Potassium Acetate PA

CH₃COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
pH of 5% solution 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,002 %
Nitrogen compounds (as N) 0,001 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,005 %
As 0,0001 %
Ca 0,0005 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
Mg 0,005 %
Na 0,25 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code Package Units/Box st.

121479.1210	500 g		6
121479.1211	1000 g		6
121479.0914	5 kg		
121479.0416	25 kg		

Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX

CH₃COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 99,0-101,0 %
Identity according to Pharmacopoeias p/t
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O 0,025 %
Loss on drying at 105°C 3,0 %
Residual solvents (Ph.Eur./USP) p/t
Reducing substances p/t
Chloride (Cl) 0,01 %
Phosphate (PO₄) 0,005 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,0004 %
Al 0,0001 %
As 0,0002 %
Ca 0,05 %
Cu 0,002 %
Fe 0,002 %
Mg 0,05 %
Na 0,5 %
Ni 0,002 %
Pb 0,002 %

Order code Package Units/Box st.

141479.1210	500 g		6
141479.1211	1000 g		6
141479.0914	5 kg		
141479.0416	25 kg		

Potassium Acetate (E-261) ADITIO

CH₃COOK

M: 98,15 CAS: 127-08-2 EINECS: 204-822-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (as C₂H₃O₂K)(calc. on dried basis) not less than 99,0 %
Formic acid, formiates and other oxidizable imp. (formic acid),
not more than 0,1 %
pH of 5% solution 7,5-9,0
Loss on drying at 150°C, not more than 8 %
Arsenic (as As), not more than 3 ppm
Lead, not more than 5 ppm
Heavy metals (as Pb), not more than 0,001 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE

Order code Package Units/Box st.

201479.0914	5 kg		
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Potassium Alum

(see Aluminium Potassium Sulphate 12-hydrate)

Potassium Aluminium Sulphate

(see Aluminium Potassium Sulphate 12-hydrate)

Potassium Antimony(III) Tartrate 3-hydrate PA-ACS

C₈H₄K₂O₁₂Sb₂·3H₂O

M: 667,87 CAS: 28300-74-5 EINECS: 234-293-3 NC: 2918 13 00 UN: 1551

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning

H332-H302-H411

SPECIFICATIONS:

Assay (Iodom.) 99,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,02 %
Loss on drying at 105°C 2,7 %
Acidity or Alkalinity 0,02 meq/g
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
As 0,015 %

Order code Package Units/Box st.

131159.1210	500 g		6
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Potassium Antimony(III) Tartrate 3-hydrate PRS

C₈H₄K₂O₁₂Sb₂·3H₂O

M: 667,87 CAS: 28300-74-5 EINECS: 234-293-3 NC: 2918 13 00 UN: 1551

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning

H332-H302-H411

SPECIFICATIONS:

Assay (Iodom.) 98 %
pH of 5% solution 3,8-4,2
Insoluble matter in H₂O 0,05 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,02 %

Order code Package Units/Box st.

141159.1210	500 g		6
141159.1214	5 kg		4
141159.0416	25 kg		

Potassium Bicarbonate

(see Potassium Hydrogen Carbonate)

Potassium Bifluoride

(see Potassium Hydrogen Difluoride)

Potassium Biiodate

(see Potassium Hydrogen Diiodate)

Potassium Bioxalate

(see Potassium Hydrogen Oxalate)

Potassium Biphthalate

(see Potassium Hydrogen Phthalate)

Potassium Bisulphate

(see Potassium Hydrogen Sulphate)

Potassium meta-Bisulphite

(see Potassium Disulphite)

Potassium Bitartrate

(see Potassium Hydrogen Tartrate)

Potassium Boron Tartrate PRS

CAS: 12001-68-2 NC: 2918 13 00

SPECIFICATIONS:

Insoluble matter in H ₂ O.....	0,05 %
Chloride (Cl).....	0,05 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
141198.1210	500 g	6

Potassium Bromate EQP-ACS-ISO

Primary Chemical Matter

KBrO₃

M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350-H271-H301

SPECIFICATIONS:

Assay (Iodom.) (after dried at 130°C).....	99,95-100,05%
pH of 5% sol.	5,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N)	0,001 %
Bromide (Br)	0,02 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,005 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,001 %
Mn.....	0,0005 %
Na.....	0,01 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
241487.1521	10 x 1,5 g	6
241487.1608	100 g	6

Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO

KBrO₃

M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350-H271-H301

SPECIFICATIONS:

Minimum assay (Iodom.) a.d.s.....	99,8 %
pH of 5% solution	5,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,003 %
Loss on drying at 150°C.....	0,1 %
Nitrogen compounds (as N)	0,001 %
Bromide (Br)	0,02 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,005 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,001 %
Mn.....	0,0005 %
Na.....	0,01 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131487.1210	500 g	6
131487.1211	1000 g	6
131487.1214	5 kg	4

Potassium Bromate PRS

KBrO₃

M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350-H271-H301

SPECIFICATIONS:

Assay (Iodom.).....	99 %
pH of 5% solution	5,0-9,0
Insoluble matter in H ₂ O.....	0,01 %
Nitrogen compounds (as N)	0,005 %
Sulphate (SO ₄)	0,025 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
141487.1210	500 g	6
141487.1211	1000 g	6
141487.1214	5 kg	4

Potassium Bromate (F.C.C.) ADITIO

KBrO₃

M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40 UN: 1484

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H350-H271-H301

SPECIFICATIONS:

Assay (as KBrO ₃) after drying	99,0-101,0%
Loss on drying, not more than	0,1 %
Chloride, not more than.....	0,05 %
Sulphate, not more than.....	0,01 %
Lead, not more than.....	4 ppm

Order code	Package	Units/Box st.
201487.1214	5 kg	4

Potassium Bromate 1/60 mol/l (0,1N) SV

Indicator: Starch

KBrO₃

M: 167,01 CAS: 7758-01-2 EINECS: 231-829-8 NC: 2829 90 40

Signal Word: Danger



H350

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Titer	1,000 ±0,001
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Order code	Package	Units/Box st.
181488.1211	1000 ml	6

Potassium Bromide (IR) PAI

KBr
M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00
SPECIFICATIONS:
 Suitability for IR spectrometry p/t
 Max. Absorbance (2g pressed disk, 0,5 cm layer thickness)
 Water; (3250-3750)/(1620-1640) cm⁻¹ 0,15
 CH- compounds; 2750-3100 cm⁻¹ 0,004
 Other; 420-4000 cm⁻¹ 0,05

Order code	Package	Units/Box st.
331489.1608	100 g	6
331489.1609	250 g	6

Potassium Bromide PA-ACS

KBr
M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00
SPECIFICATIONS:
 Minimum assay (Arg.) 99,5 %
 pH of 5% solution 5,5-8,5
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,003 %
 Loss on drying at 130°C 0,2 %
 Nitrogen compounds (as N) 0,001 %
 Bromate (BrO₃) 0,001 %
 Chloride (Cl) 0,1 %
 Sulphate (SO₄) 0,005 %
 Iodate (IO₃) 0,001 %
 Iodide (I) 0,001 %
 Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Fe	3	Sb	5
Au	5	Ga	5	Se	5
Ba	20	Ge	5	Si	5
Be	5	In	5	Sn	5
Bi	5	Mg	5	Sr	5
Ca	10	Mn	5	Ti	5
Cd	5	Mo	5	V	5
Co	5	Na	200	Zn	5
Cr	5	Ni	5	Zr	5
Cu	5	Pb	5		

Order code	Package	Units/Box st.
131489.1210	500 g	6

Potassium Bromide PA

KBr
M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00
SPECIFICATIONS:
 Minimum assay (Arg.) 99,5 %
 pH of 5% solution 5,0-8,8
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,003 %
 Loss on drying at 130°C 0,2 %
 Nitrogen compounds (as N) 0,001 %
 Bromate p/t
 Chloride (Cl) 0,2 %
 Sulphate (SO₄) 0,005 %
 Iodide (I) 0,05 %
 Ba 0,002 %
 Ca 0,002 %
 Cu 0,0005 %
 Fe 0,0003 %
 Mg 0,002 %
 Na 0,1 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
121489.1210	500 g	6
121489.1211	1000 g	6
121489.1214	5 kg	4

Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX

KBr
M: 119,01 CAS: 7758-02-3 EINECS: 231-830-3 NC: 2827 51 00
SPECIFICATIONS:
 Assay (Arg.) calc. a.d.s. 98,0-100,5%
 Identity according to Pharmacopoeias p/t
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t
 Insoluble matter in H₂O 0,01 %
 Loss on drying at 105°C 1,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity or alkalinity p/t
 Bromate p/t
 Chloride (Cl) 0,5 %
 Sulphate (SO₄) 0,01 %
 Iodide p/t
 Magnesium and other alkaline-earth metals (as Ca) 0,02 %
 Heavy metals (as Pb) 0,001 %
 Ba p/t
 Fe 0,002 %

Order code	Package	Units/Box st.
141489.1210	500 g	6
141489.1211	1000 g	6
141489.1214	5 kg	4

Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO

K₂CO₃
M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

H302
SPECIFICATIONS:
 Minimum assay (Acidim.) calc. a.d.s. 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Loss on drying at 300°C 1,0 %
 Nitrogen compounds (as N) 0,001 %
 Sulphur compounds (as SO₄) 0,003 %
 Chloride (Cl) 0,002 %
 Phosphate (PO₄) 0,001 %
 Silicate (as SiO₂) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Fe	5	Sb	5
Al	10	Ga	5	Se	20
Au	5	Ge	5	Si	20
B	5	In	5	Sn	5
Ba	5	Li	5	Sr	5
Be	5	Mg	20	Ti	5
Bi	5	Mn	5	Tl	5
Ca	20	Mo	5	V	5
Cd	5	Na	200	Zn	5
Co	5	Ni	5	Zr	5
Cr	5	Pb	5		
Cu	5	Pt	5		

Order code	Package	Units/Box st.
131490.1210	500 g	6
131490.1211	1000 g	6
131490.1214	5 kg	4
131490.0416	25 kg	

Potassium Carbonate PA

K₂CO₃
M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

H302
SPECIFICATIONS:
 Minimum assay (Acidim.) calc. a.d.s. 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,01 %
 Loss on drying at 300°C 1,0 %
 Nitrogen compounds (as N) 0,001 %
 Sulphur compounds (as SO₄) 0,01 %
 Chloride (Cl) 0,005 %
 Phosphate (PO₄) 0,002 %
 Silicate (as SiO₂) 0,01 %
 Heavy metals (as Pb) 0,001 %
 Al 0,002 %
 As 0,0002 %
 Ca 0,005 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Na 0,3 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
121490.1210	500 g	6
121490.1211	1000 g	6
121490.1214	5 kg	4
121490.0416	25 kg	

Potassium Carbonate PRS

K₂CO₃
M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

H302
SPECIFICATIONS:
 Assay (Acidim.) 99 %
 Insoluble matter in H₂O 0,02 %
 Loss on drying at 300°C 3 %
 Nitrogen compounds (as N) 0,005 %
 Chloride (Cl) 0,01 %
 Phosphate (PO₄) 0,005 %
 Sulphate (SO₄) 0,05 %
 Al 0,005 %
 As 0,0003 %
 Ca 0,01 %
 Cu 0,003 %
 Fe 0,003 %
 Mg 0,01 %
 Ni 0,003 %
 Pb 0,003 %

Order code	Package	Units/Box st.
141490.1210	500 g	6
141490.1211	1000 g	6
141490.1214	5 kg	4
141490.0416	25 kg	

Potassium Carbonate (USP, BP, Ph. Eur.) CODEX

K₂CO₃
 M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

 H302
SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s.99,5-100,5%
 Identity according to Pharmacopoeias p/t.
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Loss on drying at 180°C 0,5 %
 Chloride (Cl) 0,01 %
 Sulphate (SO₄) 0,01 %
 Residual solvents (Ph.Eur./USP) p/t.
 Heavy metals (as Pb) 0,0005 %
 Ca 0,01 %
 Fe 0,001 %

Order code	Package	Units/Box st.
191490.1211	1000 g 	6
191490.0416	25 kg 	

Potassium Carbonate (E-501i, F.C.C.) ADITIO

K₂CO₃
 M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

 H302
SPECIFICATIONS:
 Assay (as K₂CO₃) after drying99,0-100,5%
 Loss on drying, not more than 1 %
 Insoluble substances p/t.
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 2 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201490.1214	5 kg 	4
201490.0416	25 kg 	

Potassium Carbonate QP

K₂CO₃
 M: 138,21 CAS: 584-08-7 EINECS: 209-529-3 NC: 2836 40 00
 Signal Word: Warning

 H302
SPECIFICATIONS:
 Assay (Acidim.)99 %
 Insoluble matter in H₂O 0,05 %
 Chloride (Cl) 0,05 %

Order code	Package	Units/Box st.
211490.1214	5 kg 	4
211490.0416	25 kg 	

Potassium Carbonate-Sodium Carbonate anhydrous PA

50%Na₂CO₃+50%K₂CO₃
 NC: 2836 99 17
 Signal Word: Warning

 H302-H319-H335-H315
SPECIFICATIONS:
 Minimum assay (Acidim.)99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,01 %
 Nitrogen compounds (as N) 0,001 %
 Sulphur compounds (as SO₄) 0,003 %
 Chloride (Cl) 0,002 %
 Phosphate (PO₄) 0,001 %
 As 0,0001 %
 Ca 0,005 %
 Cu 0,0005 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
121728.1210	500 g 	6
121728.1211	1000 g 	6

Potassium Chlorate (Reag. Ph. Eur.) PA-ACS

KClO₃
 M: 122,55 CAS: 3811-04-9 EINECS: 223-289-7 NC: 2829 19 00 UN: 1485
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512
 Signal Word: Danger

   H271-H332-H302-H411
SPECIFICATIONS:
 Minimum assay 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Bromate (BrO₃) 0,015 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,002 %
 Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Na 100
Al 5	Cu 5	Ni 5
As 5	Fe 3	Pb 5
Bi 5	Li 5	Sr 5
Ca 20	Mg 10	Tl 5
Cd 5	Mn 5	Zn 5
Co 5	Mo 5	

Order code	Package	Units/Box st.
131493.1210	500 g 	6
131493.1211	1000 g 	6
131493.1214	5 kg 	4
131493.0716	25 kg 	

Potassium Chlorate (Ph. Helv.) PRS-CODEX

KClO₃
 M: 122,55 CAS: 3811-04-9 EINECS: 223-289-7 NC: 2829 19 00 UN: 1485
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512
 Signal Word: Danger

   H271-H332-H302-H411
SPECIFICATIONS:
 Assay99,0-101,0%
 Identity according to Pharmacopoeias p/t.
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Nitrogen compounds (as N) 0,005 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,002 %
 As 0,0001 %
 Ca 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Mg 0,01 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141493.1210	500 g 	6
141493.1211	1000 g 	6
141493.1214	5 kg 	4
141493.0716	25 kg 	

Potassium Chloride EQP-ACS-ISO

Primary Chemical Matter
 KCl
 M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:
 Assay (Arg.) after drying at 110°C 99,95-100,05 %
 pH of 5% solution 5,4-8,0
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Bromide (Br) 0,01 %
 Phosphate (PO₄) 0,0005 %
 Chlorate and nitrate (as NO₃) 0,003 %
 Sulphate (SO₄) 0,001 %
 Iodide (I) 0,002 %
 Heavy metals (as Pb) 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 2	Pt 5
Al 10	Ga 5	Sb 5
Au 5	Ge 5	Se 5
B 5	Hg 5	Si 5
Ba 10	In 5	Sn 5
Be 5	Li 5	Sr 5
Bi 5	Mg 10	Ti 5
Ca 20	Mn 5	Tl 5
Cd 5	Mo 5	V 5
Co 5	Na 50	Zn 5
Cr 5	Ni 5	Zr 5
Cu 5	Pb 5	

Order code	Package	Units/Box st.
241494.1521	10 x 1,5 g 	6
241494.1608	100 g 	6

Potassium Chloride PA-ACS-ISO

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.).....99,5-100,5%
pH of 5% solution 5,4-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Loss on drying at 150°C..... 0,1 %
Nitrogen compounds (as N) 0,001 %
Bromide (Br) 0,01 %
Phosphate (PO₄) 0,0005 %
Chlorate and nitrate (as NO₃)..... 0,003 %
Sulphate (SO₄) 0,001 %
Iodide (I)..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....5	Fe.....2	Pt.....5
Al.....10	Ga.....5	Sb.....5
Au.....5	Ge.....5	Se.....5
B.....5	Hg.....5	Si.....5
Ba.....10	In.....5	Sn.....5
Be.....5	Li.....5	Sr.....5
Bi.....5	Mg.....10	Ti.....5
Ca.....20	Mn.....5	Tl.....5
Cd.....5	Mo.....5	V.....5
Co.....5	Na.....50	Zn.....5
Cr.....5	Ni.....5	Zr.....5
Cu.....5	Pb.....5	

Order code	Package	Units/Box st.
131494.1210	500 g	6
131494.1211	1000 g	6
131494.1214	5 kg	4
131494.0416	25 kg	

Potassium Chloride PRS

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.).....99 %
Insoluble matter in H₂O..... 0,01 %
Loss on drying at 150°C..... 0,2 %
Nitrogen compounds (as N) 0,005 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,01 %
As 0,0001 %
Ba 0,005 %
Ca 0,01 %
Cu 0,002 %
Fe 0,002 %
Mg 0,01 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141494.1210	500 g	6
141494.1211	1000 g	6
141494.1214	5 kg	4
141494.0416	25 kg	

Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s.....99,0-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying at 105°C..... 1,0 %
Acidity or alkalinity..... p/t.
Residual solvents (Ph.Eur./USP)..... p/t.
Bromide (Br) 0,1 %
Sulphate (SO₄) 0,03 %
Iodide (USP) 0,005 %
Iodide..... p/t.
Calcium, Magnesium and alkaline-earth metals (as Ca) 0,02 %
Heavy metals (as Pb)..... 0,001 %
Al 0,0001 %
As 0,0003 %
Ba 0,001 %
Ba (Ph. Eur.)..... p/t.
Fe 0,002 %
Na 0,1 %

Order code	Package	Units/Box st.
191494.1211	1000 g	6
191494.1214	5 kg	4
191494.0416	25 kg	

Potassium Chloride (E-508, F.C.C.) ADITIO

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (as KCl) after drying, not less than.....99,0 %
Acidity or alkalinity..... p/t.
Heavy metals (as Pb), not more than 5 ppm
Bromide and/or Iodide p/t.
Loss on drying, not more than 1,0 %
Sodium p/t.
Arsenic (as As), not more than 3 ppm
Cadmium, not more than 1 ppm
Mercury, not more than 1 ppm
Lead, not more than 5 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201494.1214	5 kg	4
201494.0416	25 kg	

Potassium Chloride QP

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

SPECIFICATIONS:

Assay (Arg.).....99 %
Insoluble matter in H₂O..... 0,05 %
Sulphate (SO₄) 0,05 %
As 0,0003 %
Fe 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
211494.1214	5 kg	4
211494.0416	25 kg	

POTASSIUM CHLORIDE SOLUTIONS

Potassium Chloride saturated solution RV

for potentiometer electrodes

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l-1,168kg 1kg-0,856l

Composition:

Potassium Chloride35 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281495.1209	250 ml	6

Potassium Chloride 3 mol/l RV

for potentiometer electrodes

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l-1,105kg 1kg-0,905l

Composition:

Potassium Chloride22,37 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
282775.1209	250 ml	6

Potassium Chloride 3 mol/l + Silver Chloride RV

for potentiometer electrodes

NC: 3822 00 00

1l-1,161kg 1kg-0,861l

Composition:

Potassium Chloride22,37 g
Silver Chloride0,1 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
282923.1209	250 ml	6

Potassium Chloride 1 mol/l (1N) SV

Indicator: Potassium Chromate

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182252.1211	1000 ml	6

Potassium Chloride 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate

KCl

M: 74,56 CAS: 7447-40-7 EINECS: 231-211-8 NC: 3104 20 10

1l-1,004kg 1kg-0,996l

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182251.1211	1000 ml	6

Potassium Chloroplatinate

(see Potassium Hexachloroplatinate(IV))

Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
pH of 5% solution 8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,003 %
Chloride (Cl) 0,001 %
Sulphate (SO_4) 0,03 %
Al 0,003 %
Ca 0,005 %
Cd 0,005 %
Co 0,005 %
Cu 0,001 %
Fe 0,002 %
Na 0,02 %
Ni 0,005 %
Pb 0,005 %
Zn 0,005 %

Order code	Package	Units/Box st.
131497.1209	250 g	6
131497.1211	1000 g	6

Potassium Chromate PA

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
pH of 5% solution 8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
Chloride (Cl) 0,005 %
Sulphate (SO_4) 0,05 %
Al 0,003 %
Ca 0,005 %
Cu 0,001 %
Fe 0,002 %
Na 0,05 %
Pb 0,005 %

Order code	Package	Units/Box st.
121497.1210	500 g	6
121497.1211	1000 g	6
121497.1214	5 kg	4

Potassium Chromate PRS

K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3288
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350i-H340-H319-H335-H315-H317-H410

SPECIFICATIONS:

Assay (Iodom.) 99,0-102,0 %
pH of 5% solution 8,6-9,8
Insoluble matter in H_2O 0,025 %
Chloride (Cl) 0,005 %
Sulphate (SO_4) 0,1 %
Al 0,005 %
Ca 0,01 %
Cu 0,005 %
Fe 0,005 %
Pb 0,01 %

Order code	Package	Units/Box st.
141497.1210	500 g	6
141497.1211	1000 g	6
141497.1214	5 kg	4
141497.0416	25 kg	

POTASSIUM CHROMATE SOLUTIONS

Potassium Chromate solution 5% w/v RV

for determination of Chloride according to Mohr
 K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350i-H340-H317-H411

1l-1,041kg 1kg-0,961l

Composition:

Potassium Chromate 5 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281498.1209	250 ml	6

Potassium Chromate solution 10% w/v RV

for determination of chloride according to Mohr
 K_2CrO_4

M: 194,21 CAS: 7789-00-6 EINECS: 232-140-5 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350i-H340-H317-H411

1l-1,078kg 1kg-0,928l

SPECIFICATIONS:

Composition:
Potassium Chromate 10,4 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281499.1209	250 ml	6

Potassium and Chromium(III) Sulphate

(see Chromium(III) Potassium Sulphate 12-hydrate)

Potassium Citrate tri-Basic

(see tri-Potassium Citrate 1-hydrate)

tri-Potassium Citrate 1-hydrate PA

$K_3C_6H_5O_7 \cdot H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,003 %
Darkened substances by H_2SO_4 p/t.
Reducing substances p/t.
Chloride (Cl) 0,001 %
Oxalate (C_2O_4) 0,01 %
Sulphate (SO_4) 0,005 %
Ammonium (NH_4) 0,001 %
Heavy metals (as Pb) 0,001 %
As 0,00004 %
Cu 0,00005 %
Fe 0,0005 %
Na 0,1 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
121492.1210	500 g	6
121492.1211	1000 g	6
121492.1214	5 kg	4
121492.0416	25 kg	

tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$K_3C_6H_5O_7 \cdot H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.a.s 99,0-100,5%
 Identity according to Pharmacopoeias p/t
 pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H_2O 0,025 %
 Loss on drying at 180°C 3,0-6,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Darkened substances by H_2SO_4 p/t
 Acidity or alkalinity p/t
 Water (H_2O) 4,0-7,0 %
 Chloride (Cl) 0,005 %
 Oxalate (C_2O_4) 0,03 %
 Sulphate (SO_4) 0,01 %
 Tartrate ($C_4H_4O_6$) p/t
 Ammonium (NH_4) 0,002 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Na 0,3 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141492.1210	500 g	6
141492.1211	1000 g	6
141492.0914	5 kg	
141492.0416	25 kg	

tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO

$K_3C_6H_5O_7 \cdot H_2O$

M: 324,42 CAS: 6100-05-6 EINECS: 212-755-5 NC: 2918 15 00

SPECIFICATIONS:

Assay (as $C_6H_5K_3O_7$) after drying 99,0-100,5%
 Alkalinity p/t
 Arsenic (as As), not more than 1 ppm
 Loss on drying 3,0-6,0 %
 Oxalate (as oxalic acid) a.d.s., not more than 0,01 %
 pH of 5% solution 7,5-9,0
 Lead, not more than 1 ppm
 Heavy metals (as Pb), not more than 5 ppm
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201492.0914	5 kg	
201492.0416	25 kg	

Potassium Cyanate, 97% PS

KOCN

M: 81,11 CAS: 590-28-3 EINECS: 209-676-3 NC: 2842 90 80

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (Arg.) 97 %*
 Cyanide p/t

*At the moment of the batch analysis

Order code	Package	Units/Box st.
15A854.1210	500 g	6
15A854.1211	1000 g	6
15A854.0914	5 kg	

Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO

KCN

M: 65,12 CAS: 151-50-8 EINECS: 205-792-3 NC: 2837 19 00 UN: 1680

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Arg.) 97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,01 %
 Chloride (Cl) 0,05 %
 Phosphate (PO_4) 0,005 %
 Sulphate (SO_4) 0,02 %
 Sulphide (S) 0,001 %
 Thiocyanate (SCN) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Hg 5	Sb 5
As 10	In 5	Se 5
Bi 5	Li 5	Si 10
Ca 10	Mg 5	Sn 5
Fe 100	Na 5000	Zn 200
Ge 10	Pb 2	

Order code	Package	Units/Box st.
131491.1209	250 g	6
131491.1211	1000 g	6

Potassium Cyanide PRS

KCN

M: 65,12 CAS: 151-50-8 EINECS: 205-792-3 NC: 2837 19 00 UN: 1680

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.) 96 %
 Insoluble matter in H_2O 0,02 %
 Chloride (Cl) 0,1 %
 Phosphate (PO_4) 0,02 %
 Sulphate (SO_4) 0,05 %
 Sulphide (S) 0,005 %
 Thiocyanate (SCN) 0,05 %
 Fe 0,05 %
 Na 0,5 %
 Pb 0,001 %
 Zn 0,05 %

Order code	Package	Units/Box st.
141491.1209	250 g	6
141491.1211	1000 g	6
141491.1214	5 kg	4
141491.0716	25 kg	

Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO

Primary Chemical Matter

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.) after drying at 130°C 99,95-100,05%
 pH of 5% sol. 3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,003 %
 Suitability for COD determination according to UNE 77-004-89 p/t
 Chloride (Cl) 0,001 %
 Sulphate (SO_4) 0,01 %
 Ca 0,002 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,02 %
 Ni 0,0005 %
 Pb 0,001 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
241500.1521	10 x 1,5 g	6
241500.1608	100 g	6

Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-
H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,5 %
pH of 5% solution 3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,003 %
Loss on drying at 105°C 0,05 %
Chloride (Cl) 0,001 %
Sulphate (SO_4) 0,005 %
Ca 0,002 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,001 %
Fe 0,001 %
Hg 0,000005 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,02 %
Ni 0,0005 %
Pb 0,001 %
Zn 0,0005 %

Order code	Package	Units/Box st.
471500.1210	500 g	6

Potassium Dichromate PA-ACS-ISO

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-
H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,5 %
pH of 5% solution 3,7-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,003 %
Loss on drying at 105°C 0,05 %
Chloride (Cl) 0,001 %
Sulphate (SO_4) 0,005 %
Ca 0,002 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,001 %
Fe 0,001 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,02 %
Ni 0,0005 %
Pb 0,001 %
Zn 0,0005 %

Order code	Package	Units/Box st.
131500.1209	250 g	6
131500.1210	500 g	6
131500.1211	1000 g	6
131500.1214	5 kg	4
131500.0416	25 kg	

Potassium Dichromate PRS

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3288
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-
H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %
pH of 5% solution 3,7-4,0
Insoluble matter in H_2O 0,01 %
Chloride (Cl) 0,01 %
Sulphate (SO_4) 0,05 %
Ca 0,01 %
Fe 0,005 %

Order code	Package	Units/Box st.
141500.1210	500 g	6
141500.1211	1000 g	6
141500.1214	5 kg	4
141500.0416	25 kg	

POTASSIUM DICHROMATE SOLUTIONS

Potassium Dichromate solution 10% RE

for preserving milk samples. (3 drops for 50 ml)

$K_2Cr_2O_7$

M: 249,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H340-H360FD-H302-H330-H314-H334-H317-
H372-H411

1l-1,070kg 1kg-0,935l

SPECIFICATIONS:

Assay (Yodom.) 10± 0,5 %

Order code	Package	Units/Box st.
173609.1209	250 ml	6

Potassium Dichromate 0,02 mol/l (0,02M) RE

for determination of COD according to DIN 38 409-H

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H340-H360FD-H332-H334-H317-H412

1l-1,004kg 1kg-0,996l

Composition:

Potassium Dichromate 590 mg
Water s.q.m 100 ml

Order code	Package	Units/Box st.
174290.1611	1000 ml	6

Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV

for determination of COD

NC: 3822 00 00 UN: 3289

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350i-H340-H317-H330-H310-H300-H373-H319-H315-
H411

1l-1,18kg 1kg-0,85l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
185836.1611	1000 ml	6
185836.1612	2,5 l	4

Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV

for determination of COD according to NFT 90-101

NC: 3822 00 00 UN: 3289

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350i-H340-H317-H330-H310-H300-H373-H319-H315-
H411

1l-1,189kg 1kg-0,841l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
184385.1611	1000 ml	6

Potassium Dichromate 1/60 mol/l (0,1N) SV

Indicator: Starch

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H340-H332-H334-H317-H412

1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
181502.1611	1000 ml	6

Potassium Dichromate $1/60$ mol (4,903g $K_2Cr_2O_7$) to prepare 1l of 0,1N solution SvC

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H340-H360FD-H302-H330-H319-H335-H315-H334-H317-H373-H411

SPECIFICATIONS:

Titer 1,000 ± 0,002

Order code	Package	Units/Box st.
303120.1920	1 ampoule	6

Potassium Dichromate 1/24 mol/l (0,25N) SV

Indicator: Starch

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H340-H360FD-H331-H334-H317-H373-H412

1l-1,008kg 1kg~0,992l

SPECIFICATIONS:

Titer 1,000 ± 0,001

Order code	Package	Units/Box st.
182142.1611	1000 ml	6

Potassium Dichromate 1/6 mol/l (1N) SV

Indicator: Starch

$K_2Cr_2O_7$

M: 294,19 CAS: 7778-50-9 EINECS: 231-906-6 NC: 2841 50 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H340-H360FD-H302-H331-H334-H317-H373-H411

1l-1,034kg 1kg~0,967l

SPECIFICATIONS:

Titer 1,000 ± 0,001

Order code	Package	Units/Box st.
181501.1611	1000 ml	6

Potassium Dichromate in tablets of 0,1g PA

for preserving milk samples

NC: 3822 00 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

Each tablet containing:

0,033 g of Potassium Dichromate

0,067 g of Potassium Chloride

Order code	Package	Units/Box st.
123246.1209	250 g	6 (1)
123246.1210	500 g	6 (2)

Potassium Dioxalate mono-Basic

(see Potassium tetra-Oxalate 2-hydrate)

tetra-Potassium Diphosphate

(see tetra-Potassium Pyrophosphate anhydrous)

Potassium Disulphite PA

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00

Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:

Minimum assay (Iodom.) 96,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %

Chloride (Cl) 0,005 %

Phosphate (PO_4) 0,0002 %

Thiosulphate (S_2O_3) 0,05 %

As 0,0001 %

Cu 0,001 %

Fe 0,001 %

Ni 0,001 %

Pb 0,001 %

Order code	Package	Units/Box st.
121522.1610	500 g	6
121522.1611	1000 g	6
121522.1214	5 kg	4
121522.0416	25 kg	

(1) 2500 tablets of 0,1 g

(2) 5000 tablets of 0,1 g

Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRR-CODEX

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00

Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:

Assay (Iodom.) (as $K_2S_2O_5$) 95,0-100 %

Identity according to Pharmacopoeias p/t

pH of 5% solution 3,0-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t

Insoluble matter in H_2O 0,025 %

Residual solvents (Ph.Eur./USP) p/t

Chloride (Cl) 0,025 %

Phosphate (PO_4) 0,001 %

Thiosulphate (S_2O_3) p/t

Heavy metals (as Pb) 0,001 %

As 0,0003 %

Fe 0,001 %

Se 0,001 %

Zn 0,0025 %

Order code	Package	Units/Box st.
141522.1610	500 g	6
141522.1611	1000 g	6
141522.1214	5 kg	4
141522.0416	25 kg	

Potassium Disulphite (E-224, F.C.C.) ADITIO

$K_2S_2O_5$

M: 222,33 CAS: 16731-55-8 EINECS: 240-795-3 NC: 2832 20 00

Signal Word: Warning



EUH031-H319-H335

SPECIFICATIONS:

Assay (as $K_2S_2O_5$), not less than 95 %

Assay (as SO_3), not less than 54,7 %

Thiosulphate, not more than 0,05 %

Arsenic (as As), not more than 3 ppm

Heavy metals (as Pb), not more than 10 ppm

Iron, not more than 10 ppm

Selenium, not more than 5 ppm

Lead, not more than 2 ppm

Mercury (Hg), not more than 1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201522.1214	5 kg	4
201522.0416	25 kg	

Potassium Edetate

(see Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate)

Potassium O-Ethylthiocarbonate PA

$KSSCOC_2H_5$

M: 160,30 CAS: 140-89-6 EINECS: 205-439-3 NC: 2930 20 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Iodom.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,05 %

Alkalinity p/t

Chloride (Cl) 0,05 %

Sulphate (SO_4) 0,1 %

Order code	Package	Units/Box st.
121539.1610	500 g	6
121539.0914	5 kg	
121539.0416	25 kg	

Potassium O-Ethylthiocarbonate, 98% PS

$KSSCOC_2H_5$

M: 160,30 CAS: 140-89-6 EINECS: 205-439-3 NC: 2930 20 00

Signal Word: Warning



H302-H319

SPECIFICATIONS:

Minimum assay (Iodom.) 98 %

Order code	Package	Units/Box st.
161539.1210	500 g	6

Potassium Ethylxanthate

(see Potassium O-Ethylthiocarbonate)

Potassium Ethylxanthogenate

(see Potassium O-Ethylthiocarbonate)

Potassium Ferrocyanide

(see Potassium Hexacyanoferrate(II))

Potassium Ferricyanide

(see Potassium Hexacyanoferrate(III))

Potassium Fluoride PRS

KF

M: 58,10 CAS: 7789-23-3 EINECS: 232-151-5 NC: 2826 19 90 UN: 1812

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H331-H311-H301

SPECIFICATIONS:

Assay (Acidim.)	98 %
Insoluble matter in H ₂ O	0,01 %
Acidity (as HF)	0,2 %
Alkalinity (as KOH)	0,1 %
Sulphite (SO ₃)	0,01 %
Cu	0,003 %
Fe	0,002 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141976.1210	500 g	6
141976.1211	1000 g	6
141976.0914	5 kg	
141976.0416	25 kg	

Potassium Formate PRS

HCOOK

M: 84,12 CAS: 590-29-4 EINECS: 209-677-9 NC: 2915 12 00

SPECIFICATIONS:

Assay (Perm.)	99 %
pH of 5% solution	6,0-8,5
Insoluble matter in H ₂ O	0,025 %
Acidity (as HCOOH)	0,15 %
Chloride (Cl)	0,03 %
Sulphate (SO ₄)	0,01 %
Cu	0,002 %
Fe	0,001 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141508.1210	500 g	6
141508.0914	5 kg	
141508.0416	25 kg	

Potassium Hexachloroplatinate(IV) (Reag. USP) PA

K₂[PtCl₆]

M: 486,01 CAS: 16921-30-5 EINECS: 240-979-3 NC: 2843 90 90 UN: 3288

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H331-H334

SPECIFICATIONS:

Minimum assay (as Pt) 40 %

Order code	Package	Units/Box st.
125507.1603	1 g	6

Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO

K₄[Fe(CN)₆].3H₂O

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00

SPECIFICATIONS:

Assay (Perm.) 99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,001 %
Cr	0,005 %
Cu	0,002 %
Mg	0,001 %
Mn	0,0005 %
Na	0,02 %
Ni	0,0005 %
Pb	0,002 %
Zn	0,002 %

Order code	Package	Units/Box st.
131505.1210	500 g	6
131505.1211	1000 g	6
131505.1214	5 kg	4
131505.0416	25 kg	

Potassium Hexacyanoferrate(II) 3-hydrate PRS

K₄[Fe(CN)₆].3H₂O

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00

SPECIFICATIONS:

Assay (Perm.)	98 %
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,01 %

Order code	Package	Units/Box st.
141505.1210	500 g	6
141505.1211	1000 g	6
141505.1214	5 kg	4
141505.0416	25 kg	

Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO

K₄[Fe(CN)₆].3H₂O

M: 422,41 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00

SPECIFICATIONS:

Assay (in K ₄ [Fe(CN) ₆].3H ₂ O), not less than	99,0 %
Chloride, not more than	0,2 %
Sulphate, not more than	0,1 %
Insoluble matter in H ₂ O, not more than	0,03 %
Hydrogen Cyanide and Cyanides	p/t
Free moisture	1,0 %
Ferricyanide	p/t
Lead, not more than	5 ppm

Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201505.1214	5 kg	4
201505.0416	25 kg	

Potassium Hexacyanoferrate(II) solution 10% w/v RE

for determination of Fe

K₄[Fe(CN)₆]

M: 368,37 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00

1l-1,060kg 1kg-0,943l

Composition:

Potassium Hexacyanoferrate(II) 3-hydrate	13 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
171507.1209	250 ml	6

Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT

for determination of Fe

K₄[Fe(CN)₆]

M: 368,37 CAS: 14459-95-1 EINECS: 237-722-2 NC: 2837 20 00

1l-1,060kg 1kg-0,943l

Composition:

Potassium Hexacyanoferrate(II) 3-hydrate	13 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
621507.1209	250 ml	6

Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS

K₃[Fe(CN)₆]

M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,01 %
Hexacyanoferrate(II) [Fe(CN) ₆]	0,05 %
Sulphate (SO ₄)	0,01 %

Order code	Package	Units/Box st.
131503.1210	500 g	6
131503.1211	1000 g	6
131503.1214	5 kg	4
131503.0416	25 kg	

Potassium Hexacyanoferrate(III) PRS

K₃[Fe(CN)₆]

M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00

SPECIFICATIONS:

Assay (Iodom.)	98 %
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,06 %
Sulphate (SO ₄)	0,02 %

Order code	Package	Units/Box st.
141503.1210	500 g	6
141503.1211	1000 g	6
141503.1214	5 kg	4
141503.0416	25 kg	

Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV

Indicator: Starch

$K_3[Fe(CN)_6]$

M: 329,26 CAS: 13746-66-2 EINECS: 237-323-3 NC: 2837 20 00

11-1,017kg 1kg-0,983l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181504.1611	1000 ml	6

Potassium Hexafluorophosphate QP

KPF₆

M: 184,07 CAS: 17084-13-8 EINECS: 241-143-0 NC: 2835 29 90 UN: 3260

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H332-H312-H302-H314

SPECIFICATIONS:

Minimum assay99 %

Order code	Package	Units/Box st.
215756.1209	250 g	6

Potassium Hydrogen Carbonate PA

KHCO₃

M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00

SPECIFICATIONS:

Assay (Acidim.)99,5-101 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N).....	0,0005 %
Sulphur compounds (as SO ₄).....	0,003 %
Chloride (Cl).....	0,001 %
Phosphate (PO ₄).....	0,0005 %
Heavy metals (as Pb).....	0,0005 %
Al.....	0,001 %
As.....	0,00004 %
Ca.....	0,001 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,001 %
Mn.....	0,0005 %
Na.....	0,03 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
121480.1210	500 g	6
121480.1211	1000 g	6
121480.0416	25 kg	

Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

KHCO₃

M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00

SPECIFICATIONS:

Assay (Acidim.)99,5-101,0%

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t.
Insoluble matter in H ₂ O.....	0,01 %
Loss on drying.....	0,3 %
Residual solvents (Ph.Eur./USP).....	p/t
Nitrogen compounds (as N).....	0,0015 %
Sulphur compounds (as SO ₄).....	0,005 %
Carbonate (as K ₂ CO ₃).....	2,5 %
Carbonate (Ph. Eur.).....	p/t.
Chloride (Cl).....	0,005 %
Phosphate (PO ₄).....	0,001 %
Heavy metals (as Pb).....	0,001 %
As.....	0,0002 %
Ca.....	0,01 %
Fe.....	0,001 %
Mg.....	0,01 %
Na.....	0,5 %

Order code	Package	Units/Box st.
141480.1210	500 g	6
141480.1211	1000 g	6
141480.1214	5 kg	4
141480.0416	25 kg	

Potassium Hydrogen Carbonate (E-501ii, F.C.C.)

ADITIO

KHCO₃

M: 100,12 CAS: 298-14-6 EINECS: 206-059-0 NC: 2836 40 00

SPECIFICATIONS:

Assay (as KHCO₃) calc. on dried basis.....99,0-101,0 %

Loss on drying, not more than0,25 %

Normal Carbonate..... p/t.

Arsenic, not more than.....3 ppm

Mercury, not more than.....1 ppm

Lead, not more than.....2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201480.1214	5 kg	4
201480.0416	25 kg	

Potassium Hydrogen Difluoride, 99% PS

HF·K

M: 78,10 CAS: 7789-29-9 EINECS: 232-156-2 NC: 2826 19 90 UN: 1811

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H301-H314

SPECIFICATIONS:

Minimum assay99 %

Order code	Package	Units/Box st.
15A341.1206	25 g	6
15A341.1210	500 g	6

Potassium Hydrogen Diiodate EQP-ACS

Primary Chemical Matter

KH(IO₃)₂

M: 389,92 CAS: 13455-24-8 EINECS: 236-650-9 NC: 2829 90 80 UN: 1479

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Acidim.) (after dried at 105°C).....99,95-100,05%

Assay (Iodom.) (after dried at 105°C)99,9-100,1 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N).....	0,002 %
Bromate, bromide, chlorate, chloride (as Cl).....	0,02 %
Sulphate (SO ₄).....	0,005 %
Iodide (I).....	0,001 %
Heavy metals (as Pb).....	0,001 %
Ca.....	0,002 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,001 %
Mg.....	0,0005 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
242697.1521	10 x 1,5 g	6
242697.1608	100 g	6

Potassium Hydrogen Diiodate PRS

KH(IO₃)₂

M: 389,92 CAS: 13455-24-8 EINECS: 236-650-9 NC: 2829 90 80 UN: 1479

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H319-H315

SPECIFICATIONS:

Assay (Iodom.).....99 %

Insoluble matter in H₂O.....0,05 %

Bromate, bromide, chlorate and chloride (as Cl).....0,05 %

Sulphate (SO₄).....0,01 %

Cu.....0,002 %

Fe.....0,002 %

Ni.....0,002 %

Pb.....0,002 %

Order code	Package	Units/Box st.
142697.1208	100 g	6

Potassium Hydrogen Iodate

(see Potassium Hydrogen Diiodate)

Potassium Hydrogen Oxalate PRS

KH(COO):

M: 128,13 CAS: 127-95-7 EINECS: 204-873-0 NC: 2917 11 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Perm.)	99 %
Insoluble matter in H ₂ O	0,05 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,005 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141484.1210	500 g	6
141484.1214	5 kg	4

di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS

K₂HPO₄:

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,002 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Fe	5	Pt	5
Al	5	Ga	5	Sb	5
Au	5	Ge	5	Se	5
B	5	In	5	Sn	5
Be	5	Li	10	Sr	5
Bi	5	Mg	5	Ti	5
Ca	50	Mn	5	V	5
Cd	5	Mo	5	Zn	5
Co	5	Na	500	Zr	5
Cr	5	Ni	5		
Cu	2	Pb	5		

Order code	Package	Units/Box st.
131512.1209	250 g	6
131512.1211	1000 g	6

di-Potassium Hydrogen Phosphate anhydrous PA

K₂HPO₄:

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Ca	0,005 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Mn	0,001 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121512.1210	500 g	6
121512.1211	1000 g	6
121512.0914	5 kg	
121512.0416	25 kg	

di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX

K₂HPO₄:

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	98,0-100,5 %
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O	0,01 %
Loss on drying at 130°C	1,0 %
Residual solvents (Ph.Eur./USP)	p/t
Potassium di-Hydrogen Phosphate	p/t.
Reducing substances to KMnO ₄	p/t.
Chloride (Cl)	0,02 %
Fluoride (F)	0,001 %
Sulphate (SO ₄)	0,05 %
Heavy metals (as Pb)	0,001 %
As	0,0002 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141512.1210	500 g	6
141512.1211	1000 g	6
141512.0914	5 kg	
141512.0416	25 kg	

di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO

K₂HPO₄:

M: 174,18 CAS: 7758-11-4 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (K ₂ HPO ₄) after drying, not less than	98,0 %
Appearance	p/t

Identity:

Phosphate	p/t.
Potassium	p/t.
pH of 1% solution	8,7-9,4
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
P ₂ O ₅ content a.a.s.	40,3-41,5 %
Loss on drying, not more than	2,0 %
Insoluble substances, not more than	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201512.0914	5 kg	
201512.0416	25 kg	

di-Potassium Hydrogen Phosphate 3-hydrate PA

K₂HPO₄·3H₂O

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,001 %
Sulphate (SO ₄)	0,005 %
As	0,00005 %
Ca	0,005 %
Cu	0,001 %
Fe	0,001 %
Mg	0,005 %
Na	0,1 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122333.1210	500 g	6
122333.1211	1000 g	6
122333.1214	5 kg	4
122333.0416	25 kg	

di-Potassium Hydrogen Phosphate 3-hydrate PRS

$K_2HPO_4 \cdot 3H_2O$

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,6
Insoluble matter in H_2O	0,01 %
Nitrogen compounds (as N)	0,005 %
Chloride (Cl)	0,005 %
Sulphate (SO_4)	0,01 %
As	0,0005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
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142333.1210	500 g	6
142333.1211	1000 g	6
142333.1214	5 kg	4
142333.0416	25 kg	

di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO

$K_2HPO_4 \cdot 3H_2O$

M: 228,22 CAS: 16788-57-1 EINECS: 231-834-5 NC: 2835 24 00

SPECIFICATIONS:

Assay ($K_2HPO_4 \cdot 3H_2O$), not less than	98 %
Assay (as K_2HPO_4) after drying, not less than	98,0 %
Appearance	p/t
Identity:	
Phosphate	p/t
Potassium	p/t
pH of 1% solution	8,7-9,4
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Insoluble substances a.a.s., not more than	0,2 %
Heavy metals (as Pb), not more than	0,001 %
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Cadmium, not more than	1 ppm
P_2O_5 content a.a.s.	40,3-41,5 %

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
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202333.0416	25 kg	
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Potassium di-Hydrogen Phosphate PA-ACS

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,0005 %
Sulphate (SO_4)	0,003 %
Heavy metals (as Pb)	0,001 %
As	0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cu	5	Sb	5
Al	5	Fe	10	Se	5
Au	5	Ga	5	Si	5
B	5	Ge	5	Sr	5
Ba	5	In	5	Ti	5
Be	5	Mg	5	Tl	5
Bi	5	Mn	5	V	5
Ca	50	Mo	5	Zn	5
Cd	5	Na	50	Zr	5
Co	5	Ni	5		
Cr	5	Pb	5		

Order code	Package	Units/Box st.
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131509.1210	500 g	6
131509.1211	1000 g	6
131509.1214	5 kg	4
131509.0416	25 kg	

Potassium di-Hydrogen Phosphate PA

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Minimum assay (Acidim.)	99,0 %
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O	0,01 %
Loss on drying at 105°C	0,2 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,001 %
Sulphate (SO_4)	0,005 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cd	0,001 %
Co	0,001 %
Cu	0,001 %
Fe	0,002 %
Mg	0,001 %
Mn	0,001 %
Na	0,05 %
Ni	0,001 %
Pb	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
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121509.1210	500 g	6
121509.1211	1000 g	6
121509.1214	5 kg	4
121509.0416	25 kg	

Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.	98,0-100,5%
Appearance	p/t
Identity according to Pharmacopoeias	p/t
pH of 5% solution	4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Appearance	p/t
Insoluble matter in H_2O	0,2 %
Loss on drying at 130°C	1,0 %
Residual solvents (Ph.Eur./USP)	p/t
Reducing substances	p/t
Chloride (Cl)	0,02 %
Fluoride (F)	0,001 %
Sulphate (SO_4)	0,03 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,0005 %

Order code	Package	Units/Box st.
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141509.1210	500 g	6
141509.1211	1000 g	6
141509.1214	5 kg	4
141509.0416	25 kg	

Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO

KH_2PO_4

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

SPECIFICATIONS:

Assay (as KH_2PO_4) after drying, not less than	98,0 %
Appearance	p/t
Identity:	
Phosphate	p/t
Potassium	p/t
pH of 1% solution	4,2-4,8
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Insoluble substances as an. subs., not more than	0,2 %
P_2O_5 content	51,0-53,0 %
Loss on drying, not more than	1 %
Cadmium (Cd), not more than	1 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
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201509.1214	5 kg	4
201509.0416	25 kg	

Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV

buffer stock solution
KH₂PO₄

M: 136,09 CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

pH solution 4,5-4,7

Order code	Package	Units/Box st.
285831.1211	1000 ml	6

Potassium Hydrogen Phthalate EQP-ACS-ISO

Primary Chemical Matter

C₈H₅COOHCOOK

M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80

SPECIFICATIONS:

Assay (Acidim.)(after drying at 105°C)..... 99,95-100,05%

Identity..... IR p/t.

pH sol. 0,05 mol/l to 25±0,2°C..... 4,00-4,02

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,003 %
Cl compounds (as Cl).....	0,003 %
Nitrogen compounds (as N).....	0,001 %
Sulphur compounds (as S).....	0,002 %
Chloride (Cl).....	0,002 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,001 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,001 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,001 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
241481.1521	10 x 1,5 g	6
241481.1608	100 g	6

Potassium Hydrogen Phthalate PA-ISO

C₈H₅COOHCOOK

M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)..... 99,5 %

Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,003 %
Loss on drying at 110°C.....	0,05 %
Nitrogen compounds (as N).....	0,001 %
Sulphur compounds (as S).....	0,002 %
Chloride (Cl).....	0,002 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,001 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,001 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,001 %
Mn.....	0,0005 %
Na.....	0,01 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
131481.1210	500 g	6
131481.1211	1000 g	6
131481.0914	5 kg	
131481.0416	25 kg	

Potassium Hydrogen Phthalate PRS

C₈H₅COOHCOOK

M: 204,23 CAS: 877-24-7 EINECS: 212-889-4 NC: 2917 39 80

SPECIFICATIONS:

Assay (Perchl. Ac.)..... 99-101 %

Identity..... IR p/t.

Insoluble matter in H₂O..... 0,01 %

Loss on drying at 110°C..... 0,3 %

Nitrogen compounds (as N)..... 0,005 %

Chloride (Cl)..... 0,003 %

Cu..... 0,002 %

Fe..... 0,002 %

Ni..... 0,002 %

Pb..... 0,002 %

Order code	Package	Units/Box st.
141481.1210	500 g	6
141481.1211	1000 g	6
141481.0914	5 kg	
141481.0416	25 kg	

Potassium Hydrogen Sulphate PA

KHSO₄

M: 136,17 CAS: 7646-93-7 EINECS: 231-594-1 NC: 2833 29 90 UN: 2509

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H314-H335

SPECIFICATIONS:

Minimum assay (Acidim.)..... 96 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in NH ₄ OH.....	0,01 %
Chloride (Cl).....	0,001 %
Phosphate (PO ₄).....	0,001 %
Nitrate (NO ₃).....	0,001 %
As.....	0,0001 %
Ca.....	0,005 %
Cu.....	0,001 %
Fe.....	0,001 %
Mg.....	0,005 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
121485.1210	500 g	6
121485.1211	1000 g	6
121485.1214	5 kg	4
121485.0416	25 kg	

Potassium Hydrogen Sulphate PRS

KHSO₄

M: 136,17 CAS: 7646-93-7 EINECS: 231-594-1 NC: 2833 29 90 UN: 2509

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H314-H335

SPECIFICATIONS:

Assay (Acidim.)..... 95 %

Chloride (Cl)..... 0,005 %

Phosphate (PO₄)..... 0,005 %

Nitrate (NO₃)..... 0,005 %

As..... 0,0005 %

Ca..... 0,01 %

Cu..... 0,005 %

Fe..... 0,005 %

Mg..... 0,01 %

Ni..... 0,01 %

Pb..... 0,005 %

Order code	Package	Units/Box st.
141485.1210	500 g	6
141485.1211	1000 g	6
141485.1214	5 kg	4
141485.0416	25 kg	

Potassium Hydrogen Tartrate PA

(COO)₂KH(CHOH)₂

M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,0 %

pH of 0,5% solution 3,5-3,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Soluble matter in C ₂ H ₅ OH.....	0,1 %
Loss on drying at 110°C.....	0,2 %
Chloride (Cl).....	0,001 %
Phosphate (PO ₄).....	0,001 %
Sulphate (SO ₄).....	0,01 %
Ammonium (NH ₄).....	0,005 %
Heavy metals (as Pb).....	0,001 %
As.....	0,0001 %
Ca.....	0,005 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
121486.1210	500 g	6
121486.0914	5 kg	

Potassium Hydrogen Tartrate PRS

(COO)₂KH(CHOH)

M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99 %
pH of 0,5% solution	3,0-3,8
Insoluble matter in H ₂ O	0,025 %
Loss on drying at 110°C	0,1 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,05 %
Ammonium (NH ₄)	0,025 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,002 %
Fe	0,003 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
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141486.1210	500 g	6
141486.1211	1000 g	6
141486.0914	5 kg	
141486.0416	25 kg	

Potassium Hydrogen Tartrate (USP) CODEX

C₄H₅KO₆

M.= 188,18 CAS [868-14-4] EINECS 212-769-1 NC: 2918 13 00

E -336i RTECS: WW 8223000 LD L₀ oral rat 22000 mg/Kg

SPECIFICATIONS:

Assay (Acidim.)	99,0-101,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	p/t.
Ammonia limits	0,01 %
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
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191486.0416	25 kg	
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Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO

(COO)₂KH(CHOH)

M: 188,18 CAS: 868-14-4 EINECS: 212-769-1 NC: 2918 13 00

SPECIFICATIONS:

Assay (C ₄ H ₅ KO ₆) after drying	99,0-101,0%
pH of 1% solution	3,2-3,6
Ammonia	p/t.
Arsenic (as As), not more than	3 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	0,001 %
Insoluble matter	p/t.
Oxalate (as Oxalic Acid) a.d.s, not more than	0,01 %
Loss on drying, not more than	1 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
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201486.0914	5 kg	
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Potassium Hydroxide 85% pellets PA-ACS-ISO

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Acidim.)	85 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Carbonate (as K ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,0005 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Silicate (as SiO ₂)	0,001 %
Sulphate (SO ₄)	0,002 %
Heavy metals (as Ag)	0,001 %
Al	0,001 %
As	0,00004 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,05 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
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131515.1210	500 g	6
131515.1211	1000 g	6
131515.1214	5 kg	4

Potassium Hydroxide 85% pellets PA

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Minimum assay (Acidim.)	85 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Carbonate (as K ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,001 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,0005 %
Silicate (as SiO ₂)	0,01 %
Sulphate (SO ₄)	0,002 %
Al	0,001 %
As	0,00005 %
Ca	0,002 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Mg	0,0005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
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121515.1210	500 g	6
121515.1211	1000 g	6
121515.1214	5 kg	4
121515.0416	25 kg	

Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX

KOH

M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H302-H314

SPECIFICATIONS:

Assay (Acidim.)	85,0-100,5 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Carbonate (as K ₂ CO ₃)	1,0 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
Al	0,002 %
As	0,0001 %
Ca	0,005 %
Fe	0,001 %
Mg	0,005 %
Na	1,0 %
Pb	0,001 %
Residual metals ICP:	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
------------	---------	---------------

141515.1210	500 g	6
141515.1211	1000 g	6
141515.1214	5 kg	4
141515.0416	25 kg	

Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO

KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H302-H314

SPECIFICATIONS:
 Assay (as KOH) total alkali85,0-100,5%
 Appearance p/t
 Identity:
 Potassium p/t
 Strongly alkaline 1% solution p/t
 Carbonate (as K₂CO₃), not more than 3,5 %
 Insoluble substances p/t
 Lead, not more than 2 ppm
 Mercury, not more than 0,1 ppm
 Arsenic, not more than 3 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (CE) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201515.1214	5 kg	4
201515.0416	25 kg	

Potassium Hydroxide 90% flakes QP

KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 10 UN: 1813
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger

H302-H314

SPECIFICATIONS:
 Assay (Acidim.) 90 %
 Insoluble matter in H₂O 0,05 %
 Chloride (Cl) 0,05 %
 Sulphate (SO₄) 0,05 %
 As 0,0003 %
 Fe 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
211514.1210	500 g	6
211514.1211	1000 g	6
211514.1214	5 kg	4
211514.0416	25 kg	

POTASSIUM HYDROXIDE SOLUTIONS

Potassium Hydroxide solution 40% w/w PA

KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H302-H314

1l-1,39kg 1kg-0,72l
SPECIFICATIONS:
 Minimum assay (Acidim.) 40 %

MAXIMUM LIMIT OF IMPURITIES
 Carbonate (as K₂CO₃) 1,0 %
 Chloride (Cl) 0,0005 %
 Phosphate (PO₄) 0,0005 %
 Nitrogen compounds (as N) 0,0003 %
 Silicate (as SiO₂) 0,001 %
 Sulphate (SO₄) 0,002 %
 Heavy metals (as Pb) 0,0005 %
 Al 0,001 %
 As 0,00004 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,25 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
123586.1211	1000 ml	6

Potassium Hydroxide solution 40% w/v RE

for gas analysis
 KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H302-H314

1l-1,29kg 1kg-0,78l
SPECIFICATIONS:
 Assay (Acidim.) 40 %
 Carbonate (as K₂CO₃) 1,5 %
 Heavy metals (as Pb) 0,0015 %

Order code	Package	Units/Box st.
171516.1210	500 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Bromophenol Blue
 KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Warning

H319-H315

1l-1,002kg 1kg-0,998l
SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
181521.1211	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
 KOH
 M: 56,11 NC: 3822 00 00 UN: 2924
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H319-H315

1l-0,816kg 1kg-1,225l
SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
182146.1611	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV

Indicator: Phenolphthalein
 KOH
 M: 56,11 NC: 3822 00 00 UN: 2924
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H331-H311-H301-H370-H319-H315

1l-0,821kg 1kg-1,218l
SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
182147.1211	1000 ml	6

Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV

Indicator: Phenolphthalein
 KOH
 M: 56,11 NC: 3822 00 00 UN: 2924
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H319-H335

1l-0,787kg 1kg-1,271l
SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
183336.1211	1000 ml	6

Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc

KOH
 M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H314

SPECIFICATIONS:
 Titer 1,000 ±0,002

Order code	Package	Units/Box st.
303121.1920	1 ampoule	6

P

Potassium Hydroxide 0,23 mol/l (0,23N) SV

for determination of raw fibre according to Weende. Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,012kg 1kg~0,988l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
183354.1214	5 l	4
183354.1315	10 l	(*)

Potassium Hydroxide 0,5 mol/l (0,5N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,021kg 1kg~0,980l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181518.1211	1000 ml	6

Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H314

1l~0,840kg 1kg~1,190l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181519.1611	1000 ml	6

Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV

Indicator: Phenolphthalein
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H331-H311-H301-H370-H314

1l~0,856kg 1kg~1,168l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181520.1211	1000 ml	6

Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc

KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H302-H314

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303122.1920	1 ampoule	6

Potassium Hydroxide 1 mol/l (1N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,042kg 1kg~0,960l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181517.1211	1000 ml	6
181517.1214	5 l	4

Potassium Hydroxide 1 mol/l (1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
KOH
M: 56,11 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H314

1l~0,840kg 1kg~1,190l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
184438.1611	1000 ml	6

Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc

KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H302-H314

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303123.1920	1 ampoule	6

Potassium Hydroxide 2 mol/l (2N) SV

Indicator: Bromophenol Blue
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,096kg 1kg~0,912l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182145.1211	1000 ml	6

Potassium Hydroxide 1 mol/l (1N) VINIKIT

potash liquor for determining sulphurous gas in wines
KOH
M: 56,11 CAS: 1310-58-3 EINECS: 215-181-3 NC: 2815 20 90 UN: 1814
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,042kg 1kg~0,960l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
621517.1210	500 ml	6
621517.1211	1000 ml	6

Potassium Hyposulphite

(see Potassium Thiosulphate)

Potassium Iodate EQP-ACS-ISO

Primary Chemical Matter
 KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272

SPECIFICATIONS:
 Assay (Iodom.) (after drying at 130°C) 99,95-100,05%
 pH of 5% sol. 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,002 %
 Bromide and chloride (as Cl) 0,01 %
 Sulphate (SO₄) 0,005 %
 Iodide (I) 0,001 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,001 %
 Mg 0,001 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
241540.1521	10 x 1,5 g	6
241540.1608	100 g	6

Potassium Iodate (Reag. Ph. Eur.) PA-ACS

KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272

SPECIFICATIONS:
 Assay (Iodom.) 99,4-100,4%
 pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Loss on drying at 130°C 0,05 %
 Nitrogen compounds (as N) 0,002 %
 Bromide and Chloride (as Cl) 0,01 %
 Sulphate (SO₄) 0,005 %
 Iodide (I) 0,001 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,001 %
 Mg 0,001 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131540.1208	100 g	6
131540.1209	250 g	6
131540.1211	1000 g	6
131540.1214	5 kg	4
131540.0416	25 kg	

Potassium Iodate PRS

KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272

SPECIFICATIONS:
 Assay (Iodom.) 99 %
 pH of 5% solution 4-8
 Insoluble matter in H₂O 0,05 %
 Loss on drying at 130°C 0,1 %
 Nitrogen compounds (as N) 0,01 %
 Bromide and chloride (as Cl) 0,05 %
 Sulphate (SO₄) 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141540.1208	100 g	6
141540.1209	250 g	6
141540.1211	1000 g	6
141540.1214	5 kg	4
141540.0416	25 kg	

Potassium Iodate (F.C.C.) ADITIO

KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger



H272

SPECIFICATIONS:
 Assay (as KIO₃) after drying 99,0-101,0%
 Chlorate (about 0,01%) p/t.
 Iodide (about 0,002%) p/t.
 Loss on drying, not more than 0,5 %
 Lead, not more than 4 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201540.1211	1 kg	6
201540.0416	25 kg	

POTASSIUM IODATE VOLUMETRIC SOLUTIONS

Potassium Iodate 0,05 mol/l (0,3N) SV

Indicator: Starch
 KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80
 1l~1,009kg 1kg~0,991l

SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
181541.1611	1000 ml	6

Potassium Iodate 1/60 mol/l (0,1N) SV

Indicator: Starch
 KIO₃
 M: 214,00 CAS: 7758-05-6 EINECS: 231-831-9 NC: 2829 90 80
 1l~1,001kg 1kg~9,999l

SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
182806.1611	1000 ml	6

Potassium Iodide PA-ACS-ISO

KI
 M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00
 Minimum assay 99,5 %
 pH of 5% solution 6,0-9,2

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,003 %
 Loss on drying at 150°C 0,2 %
 Reducing substances I: (as I) 0,001 %
 Chloride and bromide (as Cl) 0,01 %
 Phosphate (PO₄) 0,001 %
 Nitrogen compounds (as N) 0,001 %
 Sulphate (SO₄) 0,0025 %
 Iodate (IO₃) 0,0003 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 2	Pt 5
Al 5	Ga 5	Si 5
Au 5	Ge 5	Sn 5
B 5	Hg 5	Sr 5
Ba 10	In 5	Ti 5
Be 5	Mg 5	Tl 5
Ca 10	Mn 5	V 5
Cd 5	Mo 5	Zn 5
Co 5	Na 50	Zr 5
Cr 5	Ni 5	
Cu 5	Pb 5	

Order code	Package	Units/Box st.
131542.1209	250 g	6
131542.1210	500 g	6
131542.1211	1000 g	6
131542.1214	5 kg	4
131542.0416	25 kg	

Potassium Iodide PA-ISO

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.) 99,5 %
pH of 5% solution 6-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Loss on drying at 150°C 0,2 %
Reducing substances I₂ (as I) 0,001 %
Chloride and bromide (as Cl) 0,01 %
Phosphate (PO₄) 0,001 %
Nitrogen compounds (as N) 0,001 %
Sulphate (SO₄) 0,0025 %
Iodate (IO₃) 0,0003 %
Heavy metals (as Pb) 0,0005 %
As 0,00001 %
Ba 0,001 %
Ca 0,001 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0005 %
Fe 0,0003 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,05 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
121542.1209	250 g	6
121542.1210	500 g	6
121542.1211	1000 g	6
121542.1214	5 kg	4
121542.0416	25 kg	

Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Assay calc. a.d.s 99,0-100,5 %
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O 0,01 %
Loss on drying at 105°C 1,0 %
Alkalinity p/t
Residual solvents (Ph.Eur./USP) p/t
Chloride and bromide (as Cl) 0,05 %
Nitrate, nitrite and ammonia p/t
Sulphate (SO₄) 0,015 %
Thiosulphate p/t
Iodate p/t
Heavy metals (as Pb) 0,001 %
As 0,0002 %
Ba p/t
Fe 0,002 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141542.1209	250 g	6
141542.1210	500 g	6
141542.1211	1000 g	6
141542.1214	5 kg	4
141542.0416	25 kg	

Potassium Iodide (F.C.C.) ADITIO

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

SPECIFICATIONS:

Assay (as KI) a.d.s 99,0-101,5 %
Appearance p/t
Identity:

Iodide p/t
Potassium p/t
pH of 5% solution 6-10
Iodate, not more than 4 ppm
Loss on drying, not more than 1 %
Nitrate, Nitrite and Ammonia p/t
Thiosulphate and Barium p/t
Lead, not more than 4 ppm
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201542.1214	5 kg	4

POTASSIUM IODIDE SOLUTIONS

Potassium Iodide solution 30% w/v VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,224kg 1kg~0,817l

Composition:

Potassium Iodide 30 g
Water s.q.m. 100 ml

Order code	Package	Units/Box st.
624572.1210	500 ml	6

Potassium Iodide solution 10% w/v RE

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,072kg 1kg~0,933l

Composition:

Potassium Iodide 11 g
Water s.q.m. 100 ml

Order code	Package	Units/Box st.
171543.1609	250 ml	6

Potassium Iodide 0,1 mol/l (0,1N) SV

Indicator: Starch

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,008kg 1kg~0,992l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181544.1611	1000 ml	6

Potassium Iodide 1 mol/l (1N) SV

Indicator: Starch

KI

M: 166,01 CAS: 7681-11-0 EINECS: 231-659-4 NC: 2827 60 00

1l~1,118kg 1kg~0,894l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182256.1611	1000 ml	6

Potassium Metabisulphite

(see Potassium Disulphite)

Potassium Metaperiodate

(see Potassium meta-Periodate)

Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO

KNO₃

M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

Minimum assay (Arg.) 99,0 %
pH of 5% solution 5-8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,0005 %
Nitrite (NO₂) 0,001 %
Sulphate (SO₄) 0,003 %
Iodate (IO₃) 0,0005 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Fe 3	Na 200
Al 5	Ga 5	Ni 5
Ba 5	Ge 5	Pb 5
Be 5	Hg 1	Pt 5
Bi 5	In 5	Sb 5
Ca 10	Li 5	Sr 5
Cd 5	Mg 10	Ti 5
Co 5	Mn 5	Tl 5
Cu 5	Mo 5	Zn 5
		Zr 5

Order code	Package	Units/Box st.
131524.1210	500 g	6
131524.1211	1000 g	6
131524.1214	5 kg	4
131524.0416	25 kg	

Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX

KNO₃
M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias p/t.
pH of 5% solution 4,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,025 %
Loss on drying at 105°C 0,5 %
Residual solvents (Ph.Eur./USP) p/t
Acidity or alkalinity p/t.
Ammonium (NH₄) 0,005 %
Chloride (Cl) 0,002 %
Phosphate (PO₄) 0,003 %
Sulphate (SO₄) 0,01 %
Reducible substances p/t.
Heavy metals (as Pb) 0,001 %
As 0,0002 %
Ca 0,005 %
Cu 0,002 %
Fe 0,001 %
Mg 0,005 %
Na 0,1 %

Order code	Package	Units/Box st.
141524.1210	500 g	6
141524.1211	1000 g	6
141524.1214	5 kg	4
141524.0416	25 kg	

Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO

KNO₃
M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as KNO₃) after drying 99,0-100,5%
pH of 5% solution 4,5-8,5
Arsenic (as As), not more than 3 ppm
Chlorate p/t.
Lead, not more than 4 ppm
Loss on drying, not more than 1 %
Nitrite (as KNO₂), not more than 20 ppm
Heavy metals (as Pb), not more than 0,001 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201524.1214	5 kg	4
201524.0416	25 kg	

Potassium Nitrate with anticaking (F.C.C.) ADITIO

KNO₃
M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00 UN: 1486
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as KNO₃) after drying 99,0-100,5%
Arsenic (as As), not more than 3 ppm
Chlorate p/t.
Lead, not more than 4 ppm
Loss on drying, not more than 1 %
Nitrite (as KNO₂), not more than 20 ppm
Heavy metals (as Pb), not more than 0,001 %
Mercury (Hg), not more than 1 ppm
Anticaking (E504ii)
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
206401.0416	25 kg	

Potassium Nitrate 1 mol/l RV

KNO₃
M: 101,11 CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00
1l-1,063kg 1kg-0,941l
Composition:
Potassium Nitrate 11 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
282268.1211	1000 ml	6

Potassium Nitrite PA-ACS

KNO₂
M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Minimum assay (Perm.) 96,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,005 %
Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Co 5	Mo 5
Al 5	Cr 5	Na 2000
As 1	Cu 5	Ni 5
Ba 200	Fe 5	Pb 5
Bi 5	Li 20	Sr 20
Ca 50	Mg 20	Tl 5
Cd 5	Mn 5	Zn 5

Order code	Package	Units/Box st.
131855.1209	250 g	6
131855.1211	1000 g	6

Potassium Nitrite PRS

KNO₂
M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Assay (Perm.) 95 %
Insoluble matter in H₂O 0,05 %
Loss on drying 1,0 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,01 %
Ammonium (NH₄) 0,01 %
Heavy metals (as Pb) 0,005 %
Ca 0,05 %
Cu 0,002 %
Fe 0,002 %
Na 0,3 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141855.1210	500 g	6
141855.1211	1000 g	6
141855.1214	5 kg	4

Potassium Nitrite (E-249, F.C.C.) ADITIO

KNO₂
M: 85,11 CAS: 7758-09-0 EINECS: 231-832-4 NC: 2834 10 00 UN: 1488
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
Signal Word: Danger



H272-H301-H400

SPECIFICATIONS:

Assay (as KNO₂) calc. on the dried basis 95,0-100,5%
pH of 5% solution 6,0-9,0
Arsenic (as As), not more than 3 ppm
Loss on drying, not more than 3 %
Lead, not more than 4 ppm
Heavy metals (as Pb), not more than 0,001 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009

When this product is used like additive, previously will have to be mixed with salt or salt substitute, according to Dir. 2008/84/CE.
"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201855.1214	5 kg	4

Potassium di-Oxalate mono-Basic

(see Potassium tetra-Oxalate 2-hydrate)

Potassium tetra-Oxalate 2-hydrate PRS

$\text{KH}_3(\text{C}_2\text{O}_4)_2 \cdot 2\text{H}_2\text{O}$

M: 254,20 CAS: 6100-20-5 EINECS: 204-874-6 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.).....	99 %
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,02 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
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141538.1210	500 g	6
141538.1211	1000 g	6
141538.0914	5 kg	
141538.0416	25 kg	

di-Potassium Oxalate 1-hydrate PA-ACS

$(\text{COOK})_2 \cdot \text{H}_2\text{O}$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.).....99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Darkened substances by H ₂ SO ₄	p/t
Neutrality.....	p/t
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,01 %
Ammonium (NH ₄).....	0,002 %
Heavy metals (as Pb).....	0,002 %

Metals by ICP [mg/Kg (ppm)]

Ag.....	5	Cr.....	5	Na.....	200
Al.....	5	Cu.....	5	Ni.....	5
Ba.....	20	Fe.....	10	Pb.....	10
Ca.....	50	Mg.....	20	Tl.....	5
Cd.....	5	Mn.....	5	Zn.....	5
Co.....	5	Mo.....	5		

Order code	Package	Units/Box st.
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131526.1211	1000 g	6
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di-Potassium Oxalate 1-hydrate PA

$(\text{COOK})_2 \cdot \text{H}_2\text{O}$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.).....99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Darkened substances by H ₂ SO ₄	p/t
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,01 %
Ammonium (NH ₄).....	0,002 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
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121526.1210	500 g	6
121526.1211	1000 g	6
121526.0914	5 kg	

di-Potassium Oxalate 1-hydrate PRS

$(\text{COOK})_2 \cdot \text{H}_2\text{O}$

M: 184,24 CAS: 6487-48-5 EINECS: 209-506-8 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.).....	98 %
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,02 %
Ammonium (NH ₄).....	0,005 %
Cu.....	0,003 %
Fe.....	0,003 %
Ni.....	0,003 %
Pb.....	0,003 %

Order code	Package	Units/Box st.
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141526.1210	500 g	6
141526.1211	1000 g	6
141526.0914	5 kg	
141526.0416	25 kg	

Potassium Perchlorate PA-ACS

KClO₄

M: 138,55 CAS: 7778-74-7 EINECS: 231-912-9 NC: 2829 90 10 UN: 1489

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H271-H302

SPECIFICATIONS:

Assay (Arg.).....99,0-100,5%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N).....	0,001 %
Chloride (Cl).....	0,003 %
Phosphate (PO ₄).....	0,001 %
Sulphate (SO ₄).....	0,001 %
Heavy metals (as Pb).....	0,0005 %
Ca.....	0,005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Mg.....	0,005 %
Na.....	0,02 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
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131856.1209	250 g	6
131856.1211	1000 g	6

Potassium Perchlorate (DAC) PRS-CODEX

KClO₄

M: 138,55 CAS: 7778-74-7 EINECS: 231-912-9 NC: 2829 90 10 UN: 1489

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H271-H302

SPECIFICATIONS:

Assay (Arg.).....99,0-101,0%

Identity according to Pharmacopoeias.....p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t
Residual solvents (Ph.Eur./USP).....	p/t
Acidity or alkalinity.....	p/t
Nitrogen compounds (as N).....	0,005 %
Chloride and Chlorate (as Cl).....	0,02 %
Sulphate (SO ₄).....	0,01 %
Heavy metals (as Pb).....	0,002 %
As.....	0,0001 %
Ca.....	0,01 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
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141856.1210	500 g	6
141856.1211	1000 g	6
141856.1214	5 kg	4
141856.0616	25 kg	

Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS

KIO₄
 M: 230,00 CAS: 7790-21-8 EINECS: 232-196-0 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272
 SPECIFICATIONS:
 Assay (Iodom.) a.d.s.99,8-100,3%

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Loss on drying at 110°C 0,05 %
 Other halogens (as Cl) 0,01 %
 Sulphate (SO₄) 0,01 %
 Iodide (I) 0,001 %
 Mn 0,0001 %

Order code	Package	Units/Box st.
131523.1208	100 g	6
131523.1214	5 kg	4

Potassium meta-Periodate PRS

KIO₄
 M: 230,00 CAS: 7790-21-8 EINECS: 232-196-0 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272
 SPECIFICATIONS:
 Assay (Iodom.) 99 %
 Insoluble matter in H₂O 0,05 %
 Other halogens (as Cl) 0,05 %
 Sulphate (SO₄) 0,03 %

Order code	Package	Units/Box st.
141523.1208	100 g	6
141523.1209	250 g	6
141523.1214	5 kg	6

Potassium Permanganate (max. 0,000005% Hg) PA-ACS

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272-H302-H410
 SPECIFICATIONS:
 Minimum assay 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,2 %
 Nitrogen compounds (as N) 0,005 %
 Chloride and chlorate (as Cl) 0,005 %
 Sulphate (SO₄) 0,02 %
 Hg 0,000005 %

Order code	Package	Units/Box st.
471527.1210	500 g	6
471527.1211	1000 g	6

Potassium Permanganate PA-ACS

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272-H302-H410
 SPECIFICATIONS:
 Minimum assay 99,0 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,2 %
 Nitrogen compounds (as N) 0,005 %
 Chloride and chlorate (as Cl) 0,005 %
 Sulphate (SO₄) 0,02 %

Order code	Package	Units/Box st.
131527.1209	250 g	6
131527.1210	500 g	6
131527.1211	1000 g	6
131527.1214	5 kg	4
131527.0716	25 kg	

Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 1490
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272-H302-H410
 SPECIFICATIONS:
 Assay (Iodom.) 99,0-100,5 %
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O 0,2 %
 Loss on drying 0,5 %
 Residual solvents (Ph.Eur./USP) p/t
 Nitrogen compounds (as N) 0,03 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,05 %
 Heavy metals (as Pb) 0,003 %
 As 0,0003 %
 Fe 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
141527.1210	500 g	6
141527.1211	1000 g	6
141527.1214	5 kg	4
141527.0716	25 kg	

POTASSIUM PERMANGANATE VOLUMETRIC SOLUTIONS

Potassium Permanganate 0,01 mol/l (0,05N) SV

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
 1l-1,001kg 1kg-0,999l
 SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
182114.1611	1000 ml	6

Potassium Permanganate 0,02 mol/l (0,1N) SV

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
 1l-1,002kg 1kg-0,998l
 SPECIFICATIONS:
 Titer 1,000±0,001

Order code	Package	Units/Box st.
181529.1611	1000 ml	6

Potassium Permanganate 0,02 mol (3,161g KMnO₄) to prepare 1l of 0,1N solution SVc

KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
 Signal Word: Warning

H411
 SPECIFICATIONS:
 Titer 1,000 ±0,002

Order code	Package	Units/Box st.
303124.1920	1 ampoule	6

Potassium Permanganate 0,1 mol/l (0,5N) SV

for the titration of percarbonates
 KMnO₄
 M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00
 1l-1,01kg 1kg-0,99l
 Titer 1,000±0,001

Order code	Package	Units/Box st.
182651.1611	1000 ml	6

Potassium Permanganate 0,2 mol/l (1N) SV

KMnO₄

M: 158,04 CAS: 7722-64-7 EINECS: 231-760-3 NC: 2841 61 00 UN: 3082
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,022kg 1kg-0,978l

SPECIFICATIONS:

Titer1,000±0,001

Order code Package Units/Box st.

181528.1611 1000 ml 6

Potassium Peroxodisulphate

(see Potassium Peroxodisulphate)

Potassium Peroxodisulphate (Reag. Ph. Eur.) PA

K₂S₂O₈

M: 270,33 CAS: 7727-21-1 EINECS: 231-781-8 NC: 2833 40 00 UN: 1492
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Minimum assay (Iodom.)99,0 %*

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O0,01 %

Chlorine compounds (as Cl)0,005 %

Heavy metals (as Pb)0,001 %

Cu0,001 %

Fe0,0005 %

Mn0,0002 %

Ni0,001 %

Pb0,001 %

*At the moment of the batch analysis

Order code Package Units/Box st.

121525.1210 500 g 6

121525.1211 1000 g 6

Potassium Peroxodisulphate PRS

K₂S₂O₈

M: 270,33 CAS: 7727-21-1 EINECS: 231-781-8 NC: 2833 40 00 UN: 1492
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H302-H319-H335-H315-H334-H317

SPECIFICATIONS:

Assay (Iodom.)98 %*

Insoluble matter in H₂O0,02 %

Chloride (Cl)0,005 %

Cu0,005 %

Fe0,003 %

Ni0,005 %

Pb0,005 %

*At the moment of the batch analysis

Order code Package Units/Box st.

141525.1210 500 g 6

141525.1211 1000 g 6

141525.1214 5 kg 4

Potassium Persulphate

(see Potassium Peroxodisulphate)

tri-Potassium Phosphate 1,5-hydrate PRS

K₃PO₄·1,5H₂O

M: 239,28 CAS: 27176-10-9 EINECS: 231-907-1 NC: 2835 24 00

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.)95 %

Insoluble matter in H₂O0,05 %

Nitrogen compounds (as N)0,005 %

Chloride (Cl)0,01 %

Sulphate (SO₄)0,05 %

As0,0005 %

Cu0,003 %

Fe0,003 %

Ni0,003 %

Pb0,003 %

Order code Package Units/Box st.

141513.1210 500 g 6

141513.1211 1000 g 6

141513.1214 5 kg 4

141513.0416 25 kg 6

tri-Potassium Phosphate 1,5-hydrate

(E-340iii, F.C.C.) ADITIO

K₃PO₄·1,5H₂O

M: 239,28 CAS: 27176-10-9 EINECS: 231-907-1 NC: 2835 24 00

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (K₃PO₄) calc. on the ignited substance, not less than97,0 %

P₂O₅ content30,5-33,0 %

Arsenic (as As), not more than3 ppm

Fluoride, not more than10 ppm

Loss on ignition8,0-20,0 %

pH of 1% solution11,5-12,3

Insoluble substances in anhydrous substance, not more than0,2 %

Cadmium, not more than1 ppm

Lead, not more than2 ppm

Mercury (Hg), not more than1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code Package Units/Box st.

201513.1214 5 kg 4

201513.0416 25 kg 6

Potassium Phosphate mono-Basic

(see Potassium di-Hydrogen Phosphate)

Potassium Phosphate di-Basic

(see di-Potassium Hydrogen Phosphate)

Potassium Phosphate tri-Basic

(see tri-Potassium Phosphate 1,5-hydrate)

Potassium Phosphate tertiary

(see tri-Potassium Phosphate 1,5-hydrate)

tetra-Potassium Pyrophosphate anhydrous PRS

K₄P₂O₇

M: 330,35 CAS: 7320-34-5 EINECS: 230-785-7 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.)99 %

pH of 5% solution9,5-10,5

Insoluble matter in H₂O0,05 %

Nitrogen compounds (as N)0,05 %

Chloride (Cl)0,1 %

Sulphate (SO₄)0,1 %

As0,001 %

Ca0,1 %

Cu0,003 %

Fe0,003 %

Mg0,1 %

Ni0,003 %

Pb0,003 %

Order code Package Units/Box st.

144321.1211 1000 g 6

tetra-Potassium Pyrophosphate anhydrous

(E-450v, F.C.C.) ADITIO

K₄P₂O₇

M: 330,35 CAS: 7320-34-5 EINECS: 230-785-7 NC: 2835 39 00

SPECIFICATIONS:

Assay (K₄P₂O₇) calc. on the ignited basis, not less than95,0 %

Arsenic (as As), not more than3 ppm

Insoluble substances in water, not more than0,1 %

Loss on ignition, not more than0,5 %

P₂O₅ content42,0-43,7 %

pH of 1%10,0-10,7

Fluoride, not more than10 ppm

Lead, not more than2 ppm

Mercury, not more than1 ppm

Cadmium, not more than1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code Package Units/Box st.

204321.0914 5 kg 6

204321.0416 25 kg 6

Potassium Pyrosulphite

(see Potassium Disulphite)

Potassium Rhodanide

(see Potassium Thiocyanate)

Potassium Sodium Tartrate 4-hydrate PA-ACS-ISO

NaK(COO)₂(CHOH)₂·4H₂O

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....99,0-102,0%
pH of 5% solution 6,5-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,003 %
Chloride (Cl)..... 0,0005 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,002 %
Heavy metals (as Pb)..... 0,0005 %
As 0,00002 %
Ca 0,002 %
Cu 0,0002 %
Fe 0,0002 %
Mg 0,002 %
Ni 0,0005 %
Pb 0,0002 %

Order code	Package	Units/Box st.
131729.1210	500 g	6
131729.1211	1000 g	6
131729.1214	5 kg	4
131729.0416	25 kg	

Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX

NaK(COO)₂(CHOH)₂·4H₂O

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s.....99,0-102,0 %
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,01 %
Residual solvents (Ph.Eur./USP)..... p/t
Alkalinity p/t
Chloride (Cl)..... 0,003 %
Phosphate (PO₄) 0,005 %
Sulphate (SO₄) 0,01 %
Ammonium (NH₄) 0,002 %
Water (H₂O) 21,0-27,0 %
Heavy metals (as Pb)..... 0,001 %
As 0,0001 %
Ca 0,01 %
Cu 0,001 %
Fe 0,001 %
Mg 0,01 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141729.1210	500 g	6
141729.1211	1000 g	6
141729.1214	5 kg	4
141729.0416	25 kg	

Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO

NaK(COO)₂(CHOH)₂·4H₂O

M: 282,23 CAS: 6381-59-5 EINECS: 205-698-2 NC: 2918 13 00

SPECIFICATIONS:

Assay (C₈H₆KNaO₆·4H₂O).....99,0-102,0%
pH of 1% solution 6,5-8,5
Alkalinity p/t
Arsenic (as As), not more than 3 ppm
Lead, not more than 2 ppm
Heavy metals (as Pb), not more than 10 ppm
Oxalate (as oxalic acid) a.a.s., not more than 0,01 %
Loss on drying..... 21,0-26,0 %
Water 21,0-26,0 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 96/77/CE, F.C.C. 6

Order code	Package	Units/Box st.
201729.1214	5 kg	4

Potassium Sorbate PA

CH₃(CHCH)₂COOK

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Minimum assay (Perchl. Ac.).....99,0 %
Identity.....IR p/t.
pH of 10% solution 8,0-10,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Loss on drying at 105°C..... 1,0 %
Chloride (Cl)..... 0,005 %
Heavy metals (as Pb)..... 0,001 %
Al 0,001 %
As 0,0001 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0002 %
Fe 0,0002 %
Mg 0,002 %
Mn 0,0005 %
Na 0,3 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
121531.1210	500 g	6
121531.1211	1000 g	6
121531.0914	5 kg	

Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

CH₃(CHCH)₂COOK

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....99,0-101,0%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying at 105°C..... 1,0 %
Residual solvents (Ph.Eur./USP)..... p/t
Acidity and alkalinity p/t.
Aldehydes (as CH₃CHO)..... 0,15 %
Heavy metals (as Pb)..... 0,001 %
As 0,0002 %
Cu 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141531.1210	500 g	6
141531.1211	1000 g	6
141531.0914	5 kg	
141531.0416	25 kg	

Potassium Sorbate (E-202, F.C.C.) ADITIO

CH₃(CHCH)₂COOK

M: 150,22 CAS: 24634-61-5 EINECS: 246-376-1 NC: 2916 19 30

SPECIFICATIONS:

Assay (C₈H₆KO₂) (after drying).....99,0-101,0%
Acidity (as Sorbic Acid, not more than) 1,0 %
Alkalinity (as K₂CO₃, not more than)..... 1,0 %
Arsenic (as As), not more than 3 ppm
Lead, not more than 2 ppm
Loss on drying, not more than 1,0 %
Heavy metals (as Pb), not more than 10 ppm
Aldehydes (as Formaldehyde), not more than 0,1 %
Volatile matter, not more than 1,0 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201531.0914	5 kg	
201531.0416	25 kg	

P

Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Minimum assay 99,0 %
pH of 5% solution 5,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
Loss on drying at 105°C 1,0 %
Nitrogen compounds (as N) 0,0005 %
Chloride (Cl) 0,0005 %
Phosphate (PO_4) 0,0005 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Fe 5	Ni 5
Ba 5	Ga 5	Pb 5
Be 5	In 5	Se 5
Ca 50	Li 10	Sr 5
Cd 5	Mg 20	Ti 5
Co 5	Mn 5	V 5
Cr 5	Mo 5	Zn 5
Cu 5	Na 200	Zr 5

Order code Package Units/Box st.

131532.1210	500 g		6
131532.1211	1000 g		6
131532.1214	5 kg		4
131532.0416	25 kg		

Potassium Sulphate PRS

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Assay 98 %
pH of 5% solution 5,5-8,0
Insoluble matter in H_2O 0,025 %
Loss on drying at 105°C 1,0 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,01 %
Phosphate (PO_4) 0,005 %
As 0,0001 %
Ca 0,03 %
Cu 0,003 %
Fe 0,003 %
Mg 0,03 %
Ni 0,003 %
Pb 0,003 %

Order code Package Units/Box st.

141532.1210	500 g		6
141532.1211	1000 g		6
141532.1214	5 kg		4
141532.0416	25 kg		

Potassium Sulphate (E-515i, F.C.C.) ADITIO

K_2SO_4

M: 174,27 CAS: 7778-80-5 EINECS: 231-915-5 NC: 3104 30 00

SPECIFICATIONS:

Assay (K_2SO_4) 99,0-100,5 %
pH of 5% solution 5,5-8,5
Selenium, not more than 5 ppm
Arsenic, not more than 3 ppm
Mercury, not more than 1 ppm
Lead, not more than 2 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code Package Units/Box st.

201532.1214	5 kg		4
201532.0416	25 kg		

Potassium Sulphocyanide

(see Potassium Thiocyanate)

Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA

$C_4H_4K_2O_6 \cdot \frac{1}{2}H_2O$

M: 235,28 CAS: 6100-19-2 EINECS: 205-697-7 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,5 %
pH of 5% solution 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
Loss on drying at 150°C 3,5-3,9 %
Chloride (Cl) 0,0005 %
Phosphate (PO_4) 0,001 %
Sulphate (SO_4) 0,01 %
Ammonium (NH_4) 0,003 %
Heavy metals (as Pb) 0,001 %
Ca 0,005 %
Cu 0,0005 %
Fe 0,001 %
Ni 0,0005 %
Pb 0,0005 %

Order code Package Units/Box st.

121537.1210	500 g		6
121537.1211	1000 g		6
121537.0914	5 kg		
121537.0416	25 kg		

Potassium Tartrate 1/2-hydrate PRS

$C_4H_4K_2O_6 \cdot \frac{1}{2}H_2O$

M: 235,28 CAS: 6100-19-2 EINECS: 205-697-7 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.) 98 %
pH of 5% solution 6,5-9,0
Insoluble matter in H_2O 0,025 %
Chloride (Cl) 0,005 %
Phosphate (PO_4) 0,005 %
Sulphate (SO_4) 0,05 %
Ammonium (NH_4) 0,005 %
Cu 0,003 %
Fe 0,003 %
Ni 0,003 %
Pb 0,003 %

Order code Package Units/Box st.

141537.1210	500 g		6
141537.1211	1000 g		6
141537.0416	25 kg		

Potassium Tellurite x-hydrate, 95,0% PS

$K_2TeO_3 \cdot xH_2O$

M: 253,79+ xH_2O CAS: 123333-66-4 EINECS: 232-213-1 NC: 2842 90 10

UN: 3284

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay calc. a.d.s. 95,0 %

Order code Package Units/Box st.

15A299.1207	50 g		6
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Potassium Tetraiodomercurate(II)

(see Nessler's Reagent A)

Potassium Tetraoxalate

(see Potassium tetra-Oxalate 2-hydrate)

Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO

KSCN

M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80

Signal Word: Warning



H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg) 99,0 %
pH of 5% solution 5,3-8,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
Insoluble matter in C_2H_5OH 0,01 %
Iodine-consuming substances (I) 0,025 %
Chloride (Cl) 0,005 %
Sulphate (SO_4) 0,005 %
Sulphide (S) 0,001 %
Ammonium (NH_4) 0,002 %
Heavy metals (as Pb) 0,0005 %
Cu 0,0005 %
Fe 0,0001 %
Na 0,005 %
Pb 0,0005 %

Order code Package Units/Box st.

131534.1210	500 g		6
131534.1211	1000 g		6
131534.0914	5 kg		
131534.0416	25 kg		

Potassium Thiocyanate PA

KSCN
M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80
Signal Word: Warning

H332-H312-H302-EUH032-H412

SPECIFICATIONS:
Minimum assay (Arg) 99,0 %
pH of 5% solution 5,3-8,5

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,01 %
Iodine-consuming substances (I) 0,05 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,05 %
Sulphide (S) 0,002 %
Ammonium (NH₄) 0,02 %
Heavy metals (as Pb) 0,001 %
Cu 0,001 %
Fe 0,001 %
Na 0,05 %
Pb 0,001 %

Order code	Package	Units/Box st.
121534.1210	500 g	6
121534.1211	1000 g	6
121534.0914	5 kg	4
121534.0416	25 kg	

Potassium Thiocyanate PRS

KSCN
M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80
Signal Word: Warning

H332-H312-H302-EUH032-H412

SPECIFICATIONS:
Assay (Arg.) 98 %
pH of 5% solution 5,0-8,7
Insoluble matter in H₂O 0,02 %
Chloride (Cl) 0,05 %
Sulphate (SO₄) 0,1 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141534.1210	500 g	6
141534.1211	1000 g	6
141534.0914	5 kg	
141534.0416	25 kg	

POTASSIUM THIOCYANATE SOLUTIONS

Potassium Thiocyanate solution 20% w/v VINIKIT

for determination of Fe, according to Ferré Michel method
KSCN
M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80
Signal Word: Warning

H332-H312-H302-EUH032

1l-1,092kg 1kg-0,916l
Composition:
Potassium Thiocyanate 20 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
625514.1208	100 ml	6

Potassium Thiocyanate solution 5% w/v VINIKIT

for determination of Fe, according to Ferré Michel method
KSCN
M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80
1l-1,022kg 1kg-0,978l

Composition:
Potassium Thiocyanate 5 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
624575.1209	250 ml	6
624575.1210	500 ml	6

Potassium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Alum Iron Ammonium
KSCN
M: 97,18 CAS: 333-20-0 EINECS: 206-370-1 NC: 2842 90 80
1l-1,005kg 1kg-0,995l

SPECIFICATIONS:
Titer 1,000±0,001

Order code	Package	Units/Box st.
181535.1211	1000 ml	6

Potassium Thiosulphate x-hydrate PRS

K₂S₂O₃·xH₂O
M: 190,34(anh) CAS: 10294-66-3 EINECS: 233-666-8 NC: 2832 30 00
Signal Word: Warning

H319-H315

SPECIFICATIONS:
Assay (Iodom.) (as K₂S₂O₃) 96 %
pH of 5% solution 6-9
Insoluble matter in H₂O 0,02 %
Loss on drying at 150°C 2-4 %
Chloride (Cl) 0,05 %
Heavy metals (as Pb) 0,001 %
Fe 0,001 %

Order code	Package	Units/Box st.
144272.1208	100 g	6

Potassium Xanthogenate

(see Potassium O-Ethylthiocarbonate)

Potato Starch (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds.

NC: 3504 00 00

SPECIFICATIONS:
pH of 2% solution 5-8
Loss on drying at 105°C 20 %
Residue on ignition (as SO₃) 1 %
Total Nitrogen 0,017 %

Order code	Package	Units/Box st.
404148.1210	500 g	6
404148.0914	5 kg	
404148.0416	25 kg	

PPTS

(see Pyridinium 4-Toluenesulphonate)

PRASEODYMIUM SOLUTIONS

(see Standards for ICP)

L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₅H₉NO₂
M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:
Assay (Perchl. Ac.) calc. a.d.s 98,5-101,0 %
Identity according to Pharmacopoeias p/t.
T.L.C p/t.
Specific rotation [α]_D²⁰ c=4 (in H₂O) calc. a.d.s -84,3 to -85,7 %

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Loss on drying at 105°C 0,4 %
Residue on ignition (as SO₃) 0,1 %
Residual solvents (Ph.Eur./USP) p/t.
Chloride (Cl) 0,02 %
Sulphate (SO₄) 0,03 %
Ammonium (NH₄) 0,02 %
Heavy metals (as Pb) 0,001 %
As 0,00015 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
143646.1208	100 g	6

L-Proline (F.C.C.) ADITIO

C₅H₉NO₂
M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:
Assay (as C₅H₉NO₂) calc. a.d.s 98,5-101,5 %
Lead, not more than 5 ppm
Loss on drying, not more than 0,3 %
Residue on ignition, not more than 0,1 %
Specific rotation [α]_D²⁰ calc. a.d.s -84,0 to -86,3 %
Specifications F.C.C. 6

Order code	Package	Units/Box st.
203646.1210	500 g	6

L-Proline, 99% PS

C₅H₉NO₂
M: 115,13 CAS: 147-85-3 EINECS: 205-702-2 NC: 2933 99 90

SPECIFICATIONS:
Minimum assay (Perchl. Ac.) 99 %
Identity IR p/t.
T.L.C p/t.
Specific rotation [α]_D²⁰ c=4 (in H₂O) -84,0 to -86,0 %

Order code	Package	Units/Box st.
163646.1206	25 g	6
163646.1208	100 g	6

Propanal, 98% PS

CH₃CH₂CHO

M: 58,08 CAS: 123-38-6 EINECS: 204-623-0 NC: 2912 19 90 UN: 1275
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H335-H315

1l-0,803kg 1kg-1,245l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t
Density at 20/4 0,801-0,804

Order code	Package	Units/Box st.
15A856.1608	100 ml	6

1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

C₃H₈O₂

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00

1l-1,040kg 1kg-0,962l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity according to Pharmacopoeias p/t
Density at 20/20 1,035-1,040
Density at 25/25 1,035-1,037
Refractive index n₂₀/D 1,431-1,433
Distillation range (min. 95%) 184-189°C

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t
Diethylene glycol 0,10%
Ethylene glycol 0,10%
Residue on ignition (as SO₂) 0,005 %
Oxidizing substances p/t
Reducing substances p/t
Residual solvents (Ph.Eur./USP) p/t
Acidity (Ph. Eur.) p/t
Acidity (USP, JP) p/t
Water (H₂O) 0,2 %
Chloride (Cl) 0,007 %
Sulphate (SO₄) 0,002 %
Glycerol p/t
Heavy metals (as Pb) 0,0005 %
As 0,0002 %
Cu 0,0002 %
Fe 0,0005 %
Ni 0,0002 %
Pb 0,0002 %

Order code	Package	Units/Box st.
141545.1211	1000 ml	6
141545.1212	2,5 l	4
141545.1214	5 l	4
141545.0716	25 l	
141545.0718	60 l	

1,2-Propanediol (E-1520, F.C.C.) ADITIO

C₃H₈O₂

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00

1l-1,040kg 1kg-0,962l

SPECIFICATIONS:

Assay (C₃H₈O₂) by weight, not less than 99,5 %
Distillation range 185-189°C
Acidity p/t
Residue on ignition, not more than 0,007 %
Specific gravity 1,035-1,037
Refraction index n₂₀/D 1,431-1,433
Water, not more than 0,2 %
Lead, not more than 1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201545.1214	5 l	4
201545.0716	25 l	

1,2-Propanediol, 99% PS

C₃H₈O₂

M: 76,10 CAS: 57-55-6 EINECS: 200-338-0 NC: 2905 32 00

1l-1,040kg 1kg-0,962l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t
Density at 20/4 1,038-1,042
Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
151545.1211	1000 ml	6
151545.1212	2,5 l	4

1,3-Propanediol, 98% PS

C₃H₈O₂

M: 79,09 CAS: 504-63-2 EINECS: 207-997-3 NC: 2905 39 85

1l-1,053kg 1kg-0,949l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A116.1609	250 ml	6
15A116.1611	1000 ml	6

1,3-Propanedithiol, 98% PS

C₃H₆S₂

M: 108,22 CAS: 109-80-8 EINECS: 203-706-9 NC: 2930 90 85

1l-1,078kg 1kg-0,927l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A117.1606	25 ml	6
15A117.1608	100 ml	6

Propanenitrile

(see Propionitrile)

1,2,3-Propanetriol

(see Glycerol)

Propanoic Acid

(see Propionic Acid)

1-Propanol (UV-IR-HPLC-HPLC preparative) PAI

CH₃CH₂CH₂OH

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H318-H336

1l-0,804kg 1kg-1,244l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Density at 20/4 0,803-0,805

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter 0,0002 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,1 %
Suitability for IR spectrometry p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	208 (Cut off)	210	230	240	250	260-400
A (AU)	1,000	0,824	0,155	0,097	0,027	0,009
T (%)	10	15	70	80	94	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 4,0

Eluotropic value E^o(Al₂O₃) 0,82

Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361885.1611	1000 ml	6
361885.1612	2,5 l	4

1-Propanol (Reag. USP, Ph. Eur.) PA-ACS

CH₃CH₂CH₂OH

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H318-H336

1l-0,804kg 1kg-1,244l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,803-0,805
Distillation range (>95% dist.)	96-98°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Insoluble matter in H ₂ O	p/t
Non-volatile matter	0,001 %
Acetone (G.C.)	0,01 %
Ethanol (G.C.)	0,01 %
di-n-Propyl Ether (G.C.)	0,1 %
Methanol (G.C.)	0,01 %
2-Propanol (G.C.)	0,05 %
Propionaldehyde (G.C.)	0,01 %
Darkened substances by H ₂ SO ₄	p/t
Acidity	0,0004 meq/g
Alkalinity	0,0006 meq/g
Carbonyl compounds (as C ₂ H ₅ CHO)	0,03 %
Water (H ₂ O)	0,1 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Order code	Package	Units/Box st.
131885.1611	1000 ml	6
131885.1612	2,5 l	4
131885.1214	5 l	4
131885.0716	25 l	
131885.0718	60 l	

1-Propanol (BP, Ph. Eur.) PRS-CODEX

CH₃CH₂CH₂OH

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H318-H336

1l-0,804kg 1kg-1,244l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity according to Pharmacopoeias	p/t
Density at 20/4	0,803-0,805

MAXIMUM LIMIT OF IMPURITIES

Appearance	p/t
Non-volatile matter	0,004 %
Residual solvents (Ph.Eur./USP)	p/t
Reducing substances	p/t
Related substances (G.C.):	
Individual peak	0,1 %
Total	0,3 %
Acidity or alkalinity	p/t
Water (H ₂ O)	0,2 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	230	250	270	290	310
A (AU)	0,300	0,100	0,030	0,020	0,010

Order code	Package	Units/Box st.
141885.1211	1000 ml	6
141885.1212	2,5 l	4
141885.1214	5 l	4
141885.0716	25 l	

1-Propanol, 99,5% PS

CH₃CH₂CH₂OH

M: 60,10 CAS: 71-23-8 EINECS: 200-746-9 NC: 2905 12 00 UN: 1274

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H318-H336

1l-0,804kg 1kg-1,244l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,803-0,805
Non-volatile matter	0,001 %
Water (H ₂ O)	0,1 %

Order code	Package	Units/Box st.
161885.1211	1000 ml	6
161885.1212	2,5 l	4
161885.1714	5 l	4
161885.0616	25 l	

n-Propanol

(see 1-Propanol)

2-Propanol (VLSI) EG

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Assay	99,9 %
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MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0005 %
Chloride (Cl)	0,0001 %
Nitrate (NO ₃)	0,0001 %
Sulphate (SO ₄)	0,0001 %
Sulphite (SO ₃)	0,0001 %
Acidity	0,2 µeq/g
Alkalinity	0,1 µeq/g
Water (H ₂ O)	0,1 %
0,5 µm particles	250 /ml

Metals by ICP [µ g/Kg (ppb)]

Ag	10	Cr	10	Ni	10
Al	20	Cu	10	Pb	10
As	10	Fe	50	Sb	10
Au	20	Ga	10	Sn	10
B	20	K	20	Sr	20
Ba	20	Li	10	Ti	10
Bi	10	Mg	50	V	10
Ca	50	Mn	10	Zn	20
Cd	10	Mo	10		
Co	10	Na	50		

Order code	Package	Units/Box st.
871090.1212	2,5 l	4

2-Propanol (HPLC-gradient grade-UV-IR) PAI

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0002 %
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,05 %
Suitability for IR spectrometry p/t
Gradient:

λ (nm)	235	254
A (mAU)	1,0	1,0

UV Spectrum (1 cm cell; Ref.: water)*

λ (nm)	207 (Cut off)	220	230	250-400
A (AU)	1,000	0,097	0,046	0,004
T (%)	10	80	90	99

*Read after purging with nitrogen.

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 3,9
Eluotropic value ε^s (Al₂O₃) 0,82
Sol. H₂O in solv. at 20°C miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
221090.1611	1000 ml	6
221090.1612	2,5 l	4

2-Propanol (HPLC) PAI

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,05 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	207 (Cut off)	217	232	242	250	260-400
A (AU)	1,000	0,301	0,097	0,046	0,022	0,009
T (%)	10	50	80	90	95	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 3,9
Eluotropic value E^s (Al₂O₃) 0,82
Sol. H₂O in solv. at 20°C miscible
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361090.1611	1000 ml	6
361090.1612	2,5 l	4
361090.1616	25 l	

2-Propanol (HPLC-preparative) PAI

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,05 %
UV Spectrum (1cm cell; Ref.: water)

λ (nm)	220	260-400
A (AU)	0,301	0,009
T (%)	50	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
261090.0314	5 l	4

2-Propanol (PAR) PAI

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg~1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Water (H₂O) 0,1 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t

Order code	Package	Units/Box st.
321090.1611	1000 ml	6
321090.1612	2,5 l	4

2-Propanol dry (max. 0,01% water) DS-ACS-ISO

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,784-0,786

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Acetone (G.C.) 0,002 %
Ethanol (G.C.) 0,01 %
Methanol (G.C.) 0,05 %
1-Propanol (G.C.) 0,05 %
Reducing substances to KMnO₄ (as O) 0,0005 %
Darkened substances by H₂SO₄ p/t
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Carbonyl compounds (as Propionaldehyde) 0,002 %
Carbonyl compounds (as Acetone) 0,002 %
Water (H₂O) 0,01 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
481090.1611	1000 ml	6

2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity according to Pharmacopoeias p/t
Density at 20/20 0,785 - 0,789
Density at 25/25 0,783-0,787
Refractive index n_D²⁰ 1,376-1,378

MAXIMUM LIMIT OF IMPURITIES

Appearance p/t
Non-volatile matter 0,002 %
Residual solvents (Ph.Eur./USP) p/t
Benzene 0,0002 %
Ethanol (G.C.) 0,05 %
Peroxides p/t
Related substances 0,3 %
Acidity or alkalinity p/t
Water (H₂O) 0,5 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm
UV Spectrum:

λ (nm)	230	250	270	290	310
A (AU)	0,30	0,10	0,03	0,02	0,01

Order code	Package	Units/Box st.
141090.1211	1000 ml	6
141090.1212	2,5 l	4
141090.1214	5 l	4
141090.0716	25 l	
141090.0718	60 l	
141090.0719	200 l	

2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %
Identity IR p/t
Density at 20/4 0,784-0,786
Boiling range 81-83°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Insoluble matter in H₂O p/t
Non-volatile matter 0,001 %
Acetone (G.C.) 0,002 %
Ethanol (G.C.) 0,01 %
Methanol (G.C.) 0,05 %
1-Propanol (G.C.) 0,05 %
Reducing substances to KMnO₄ (as O) 0,0005 %
Darkened substances by H₂SO₄ p/t
Acidity 0,0001 meq/g
Alkalinity 0,0001 meq/g
Carbonyl compounds (as Propionaldehyde) 0,002 %
Carbonyl compounds (as Acetone) 0,002 %
Water (H₂O) 0,1 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131090.1611	1000 ml	6
131090.1211	1000 ml	6
131090.1612	2,5 l	4
131090.1212	2,5 l	4
131090.1214	5 l	4
131090.0716	25 l	
131090.0718	60 l	

2-Propanol (F.C.C.) ADITIO

extraction solvent for industrial food use

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Assay (in C₃H₈O), not less than 99,7 %
Acidity (as acetic acid), not more than 10 ppm
Distillation range (including 82,3°C) 1°C
Non-volatile residue, not more than 10 ppm
Solubility in water p/t
Substances reducing to KMnO₄ p/t
Water, not more than 0,2 %
Arsenic, not more than 1 ppm
Lead, not more than 1 ppm
Specific weight, not less than 0,784
Specifications Dir. 92/115/CEE, F.C.C. 6

Order code	Package	Units/Box st.
201090.1214	5 l	4
201090.0716	25 l	

2-Propanol, 99,7% PS

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l-0,785kg 1kg-1,274l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %
Identity IR p/t
Density at 20/4 0,784-0,786
Non-volatile matter 0,002 %
Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161090.1211	1000 ml	6
161090.1212	2,5 l	4
161090.1714	5 l	4
161090.0616	25 l	
161090.0619	200 l	

2-Propanol QP

CH₃CHOHCH₃

M: 60,10 CAS: 67-63-0 EINECS: 200-661-7 NC: 2905 12 00 UN: 1219
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319-H336

1l~0,785kg 1kg~1,274l

SPECIFICATIONS:

Assay (G.C.) 99,5 %
Density at 20/4 0,784-0,786
Acidity 0,0015 meq/g
Alkalinity 0,006 meq/g
Water (H₂O) 0,5 %

Order code	Package	Units/Box st.
211090.1211	1000 ml	6
211090.1214	5 l	4
211090.0716	25 l	
211090.0718	60 l	

2-Propanone

(see Acetone)

Propanoyl Chloride

(see Propionyl Chloride)

2-Propeneamide

(see Acrylamide)

2-Propenenitrile

(see Acrylonitrile)

2-Propenoic Acid

(see Acrylic Acid)

2-Propenoic Acid Methyl Ester

(see Methyl Acrylate)

2-Propen-1-ol

(see Allyl Alcohol)

2-Propenylthiourea

(see N-Allylthiourea)

Propionaldehyde

(see Propanal)

Propionic Acid (Reag. Ph. Eur.) PA-ACS

CH₃CH₂COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Assay (Acidim.) 99,5-100,5%
Identity IR p/t.
Density at 20/4 0,988-0,993

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20
Non-volatile matter 0,01 %
Oxidable easily substances (as HCOOH) 0,10 %
Carbonyl compounds 0,002 %
Water (H₂O) 0,15 %
Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Cu 0,02	Ni 0,05
Al 0,05	Fe 0,2	Pb 0,02
As 0,1	Ga 0,05	Pt 0,1
Au 0,1	Ge 0,02	Sb 0,02
B 0,05	Hg 0,1	Si 0,1
Ba 0,05	In 0,05	Sn 0,05
Be 0,02	K 0,1	Sr 0,02
Bi 0,05	Li 0,02	Ti 0,02
Ca 0,1	Mg 0,05	Tl 0,02
Cd 0,02	Mn 0,02	V 0,02
Co 0,02	Mo 0,02	Zn 0,1
Cr 0,1	Na 0,3	Zr 0,02

Order code	Package	Units/Box st.
131810.1609	250 ml	6

Propionic Acid (E-280, F.C.C.) ADITIO

CH₃CH₂COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Assay (in C₃H₆O₂) calc. a.d.s. 99,5-100,5%
Aldehydes (as Propionaldehyde, about 0,05%) p/t.
Arsenic (as As), not more than 3 ppm
Non-volatile residue, not more than 0,01 %
Easily oxidizable substances (as HCOOH) p/t.
Distillation range 138,5-142,5°C
Specific gravity to 20/20 0,993-0,997
Lead, not more than 2 ppm
Heavy metals (as Pb), not more than 10 ppm
Water, not more than 0,15 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201810.1214	5 l	4
201810.0716	25 l	

Propionic Acid, 99% PS

CH₃CH₂COOH

M: 74,08 CAS: 79-09-4 EINECS: 201-176-3 NC: 2915 50 00 UN: 3463
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l~0,991kg 1kg~1,009l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Identity IR p/t.
Density at 20/4 0,988-0,993
Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
161810.1611	1000 ml	6
161810.1612	2,5 l	4
161810.1214	5 l	4

Propionic Acid Chloride

(see Propionyl Chloride)

Propionic Acid Sodium Salt

(see Sodium Propionate)

Propionic Aldehyde

(see Propanal)

Propionitrile (UV-HPLC) PAI

C₃H₅N

M: 55,08 CAS: 107-12-0 EINECS: 203-454-4 NC: 2926 90 95 UN: 2404
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: 307

Signal Word: Danger



H225-H331-H311-H301

1l~0,782kg 1kg~1,278l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %
Identity IR p/t.
Density at 20/4 0,781-0,783

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0001 %
Water (H₂O) 0,01 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	195 (Cut off)	210	220	235	250	290-400
A (AU)	1,000	0,301	0,097	0,022	0,009	0,004
T (%)	10	50	80	95	98	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
365732.1611	1000 ml	6
365732.1612	2,5 l	4

Propionitrile, 99% PS

C₃H₅N
 M: 55,08 CAS: 107-12-0 EINECS: 203-454-4 NC: 2926 90 95 UN: 2404
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: 307
 Signal Word: Danger



H225-H331-H311-H301

1l-0,782kg 1kg-1,278l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,780-0,784
 Water (H₂O) 0,2 %

Order code **Package** **Units/Box st.**

165732.1608	100 ml		6
165732.1610	500 ml		6

Propionyl Chloride, 98% PS

C₃H₅ClO
 M: 92,53 CAS: 79-03-8 EINECS: 201-170-0 NC: 2915 90 80 UN: 1815
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-EUH014-H314

1l-1,058kg 1kg-0,945l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t.
 Density at 20/4 1,057-1,059

Order code **Package** **Units/Box st.**

15A859.1608	100 ml		6
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Propiophenone, 99% PS

C₉H₁₀O
 M: 134,18 CAS: 93-55-0 EINECS: 202-257-6 NC: 2914 29 00
 1l-1,009kg 1kg-0,991l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,008-1,010

Order code **Package** **Units/Box st.**

15A858.1611	1000 ml		6
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iso-Propyl Acetate

(see Isopropyl Acetate)

2-Propyl Acetate

(see Isopropyl Acetate)

n-Propyl Alcohol

(see 1-Propanol)

iso-Propyl Alcohol

(see 2-Propanol)

Propylene Carbonate, 99% PS

C₄H₆O₃
 M: 102,09 CAS: 108-32-7 EINECS: 203-572-1 NC: 2920 90 85
 Signal Word: Warning



H319

1l-1,204kg 1kg-0,830l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 1,204-1,205

Order code **Package** **Units/Box st.**

165348.1209	250 ml		6
165348.1211	1000 ml		6

1,2-Propyleneglycol

(see 1,2-Propanediol)

iso-Propyl Ether

(see Di-Isopropyl Ether)

Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.)

PRS-CODEX

C₁₀H₁₂O₅

M: 212,20 CAS: 121-79-9 EINECS: 204-498-2 NC: 2918 29 80

Signal Word: Warning



H302-H317

SPECIFICATIONS:

Assay (calc. a.d.s.) 98,0-102,0%
 Identity according to Pharmacopoeias p/t.
 Melting range 148-150°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in C₂H₅OH p/t.
 Residue on ignition (as SO₂) 0,1 %
 Loss on drying at 105°C 0,5 %
 Residual solvents (Ph.Eur./USP) p/t
 Gallic Acid (T.L.C.) 0,5 %
 Total Chlorine (as Cl) 0,02 %
 Chloride (Cl) 0,01 %
 Heavy Metals (as Pb) 0,001 %
 Zn 0,0025 %

Order code **Package** **Units/Box st.**

141962.1208	100 g		6
141962.1210	500 g		6
141962.0914	5 kg		

Propyl Gallate (E-310, F.C.C.) ADITIO

C₁₀H₁₂O₅

M: 212,20 CAS: 121-79-9 EINECS: 204-498-2 NC: 2918 29 80

Signal Word: Warning



H302-H317

SPECIFICATIONS:

Assay (as C₁₀H₁₂O₅) a.d.s. 99,0-102,0%
 Free acids (as C₇H₅O₃), not more than 0,5 %
 Arsenic (as As), not more than 3 ppm
 Organic chlorinated compounds (as Cl), not more than 100 ppm
 Residue on ignition, not more than 0,1 %
 Loss on drying, not more than 0,5 %
 Heavy metals (as Pb), not more than 10 ppm
 Lead, not more than 1 ppm
 Mercury (Hg), not more than 1 ppm
 Melting range (a.d.s.) 146-150°C
 A 1%; 1cm; λ275 nm, in ethanol 485-520
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code **Package** **Units/Box st.**

201962.0914	5 kg		
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Propyl 4-Hydroxybenzoate, 99% PS

C₁₀H₁₂O₃

M: 180,20 CAS: 94-13-3 EINECS: 202-307-7 NC: 2918 29 30

SPECIFICATIONS:

Minimum assay 99 %

Order code **Package** **Units/Box st.**

15A512.1609	250 g		6
15A512.1611	1000 g		6

Propyl Iodide

(see 1-Iodopropane)

2-iso-Propyl-5-Methylphenol

(see Thymol)

Propylparaben

(see Propyl 4-Hydroxybenzoate)

Protein Cleaning Solution RV

for electrode cleaning

NC: 3822 00 00

1l-1,015kg 1kg-0,985l

Composition:

Pepsin 5,0 g
 Hydrochloric Acid 0,1 mol/l s.q.m 100 ml

Order code **Package** **Units/Box st.**

285252.1209	250 ml		6
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Proteose Peptone (Ingredient) CULTIMED

Ingredient of a high nutritive value for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH 2% solution.....	6,5-7,5
Loss on drying at 105°C.....	6 %
Residue on ignition (as SO ₄).....	12 %
Total Nitrogen.....	≥10 %

Order code	Package	Units/Box st.
403901.1210	500 g	6
403901.0914	5 kg	
403901.0416	25 kg	

Proteose Peptone n° 3 (Ingredient) CULTIMED

Nutrient for fastidious microorganisms cultivation

NC: 3504 00 00

pH of 2% solution.....	6,5-7,5
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₄).....	15 %
Total Nitrogen.....	≥10 %

Order code	Package	Units/Box st.
403939.1210	500 g	6
403939.0914	5 kg	
403939.0416	25 kg	

Protocatechualdehyde

(see 3,4-Dihydroxybenzaldehyde)

Protocatechuic Acid

(see 3,4-Dihydroxybenzoic Acid)

Pumice Stone granules QP

additive regulator of boiling (see also Rebelein's Kit)

NC: 2513 10 00

Order code	Package	Units/Box st.
211835.1209	250 g	6
211835.1210	500 g	6
211835.0914	5 kg	4

Pyridine dry (max. 0,01% water) DS-ACS

C₅H₅N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l-0,982kg 1kg-1,018l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t
Density at 20/4.....	0,981-0,982

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Insoluble matter in H ₂ O.....	p/t
Non-volatile matter.....	0,001 %
2-Methylpyridine (G.C.).....	0,1 %
Piperidine (G.C.).....	0,01 %
Reducing substances to KMnO ₄ (as O).....	0,0005 %
Water (H ₂ O).....	0,01 %
Ammonia (NH ₃).....	0,002 %
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Fe.....0,1	Pb.....0,1
Al.....0,5	Ga.....0,02	Pt.....0,02
As.....0,05	Ge.....0,05	S.....0,2
Au.....0,05	Hg.....0,05	Sb.....0,02
B.....0,02	In.....0,05	Si.....0,2
Ba.....0,1	K.....0,1	Sn.....0,1
Be.....0,02	Li.....0,05	Sr.....0,2
Bi.....0,05	Mg.....0,1	Ti.....0,02
Ca.....0,5	Mn.....0,02	Tl.....0,02
Cd.....0,05	Mo.....0,02	V.....0,02
Co.....0,02	Na.....0,5	Zn.....0,1
Cr.....0,02	Ni.....0,02	Zr.....0,02
Cu.....0,02	P.....0,2	

Order code	Package	Units/Box st.
481457.1611	1000 ml	6

Pyridine (Reag. Ph. Eur.) PA-ACS

C₅H₅N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l-0,982kg 1kg-1,018l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,5 %
Identity.....	IR p/t
Density at 20/4.....	0,981-0,982

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Insoluble matter in H ₂ O.....	p/t
Non-volatile matter.....	0,001 %
2-Methylpyridine (G.C.).....	0,1 %
Piperidine (G.C.).....	0,01 %
Reducing substances to KMnO ₄ (as O).....	0,0005 %
Water (H ₂ O).....	0,1 %
Ammonia (NH ₃).....	0,002 %
Chloride (Cl).....	0,001 %
Sulphate (SO ₄).....	0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Fe.....0,1	Pb.....0,1
Al.....0,5	Ga.....0,02	Pt.....0,02
As.....0,05	Ge.....0,05	S.....0,2
Au.....0,05	Hg.....0,05	Sb.....0,02
B.....0,02	In.....0,05	Si.....0,2
Ba.....0,1	K.....0,1	Sn.....0,1
Be.....0,02	Li.....0,05	Sr.....0,2
Bi.....0,05	Mg.....0,1	Ti.....0,02
Ca.....0,5	Mn.....0,02	Tl.....0,02
Cd.....0,05	Mo.....0,02	V.....0,02
Co.....0,02	Na.....0,5	Zn.....0,1
Cr.....0,02	Ni.....0,02	Zr.....0,02
Cu.....0,02	P.....0,2	

Order code Package Units/Box st.

131457.1611	1000 ml	6
131457.1612	2,5 l	4
131457.1214	5 l	4
131457.0716	25 l	

Pyridine PRS

C₅H₅N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l-0,982kg 1kg-1,018l

SPECIFICATIONS:

Assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,981-0,982

Non-volatile matter.....	0,01 %
2-Methylpyridine (G.C.).....	0,2 %
Piperidine (G.C.).....	0,05 %
Water (H ₂ O).....	0,3 %
Ammonia (NH ₃).....	0,005 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,005 %
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code Package Units/Box st.

141457.1611	1000 ml	6
141457.1612	2,5 l	4
141457.1214	5 l	4
141457.0716	25 l	

Pyridine, 99% PS

C₅H₅N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302

1l-0,982kg 1kg-1,018l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,981-0,982

Non-volatile matter.....	0,001 %
Water (H ₂ O).....	0,1 %

Order code Package Units/Box st.

161457.1611	1000 ml	6
161457.1612	2,5 l	4
161457.0716	25 l	

Pyridine (max. 0,02% water) according to Karl Fischer RE

for water determination
C₅H₅N

M: 79,10 CAS: 110-86-1 EINECS: 203-809-9 NC: 2933 31 00 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302

1l-0,982kg 1kg-1,018l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Density at 20/4 0,981-0,982

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
171457.1611	1000 ml	6

Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI

C₅D₅N

M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Deuteration degree min. 99,95 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,02 %

Order code	Package	Units/Box st.
745865.02130	10 x 0,75 ml	6

Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI

C₅D₅N

M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Deuteration degree min. 99,8 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,03 %

Order code	Package	Units/Box st.
745864.02130	10 x 0,75 ml	6
745864.1605	10 ml	6

Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI

C₅D₅N

M: 84,13 CAS: 7291-22-7 EINECS: 230-720-2 NC: 2845 90 10 UN: 1282
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H332-H312-H302

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Deuteration degree min. 99,5 %
NMR suitability p/t.

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O+D₂O) 0,05 %

Order code	Package	Units/Box st.
745863.1605	10 ml	6

3-Pyridinecarboxylic Acid

(see Nicotinic Acid)

Pyridine 2,6-Dicarboxylic Acid, 98% PS

C₇H₅NO₄

M: 167,12 CAS: 499-83-2 EINECS: 207-894-3 NC: 2933 39 99

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (Acidim.) 98 %
Identity IR p/t.
Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15A694.1606	25 g	6
15A694.1608	100 g	6

3-Pyridinesulphonic Acid, 98% PS

C₅H₅NO₃S

M: 159,16 CAS: 636-73-7 EINECS: 211-265-9 NC: 2933 39 99 UN: 1759

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay 98 %
Identity IR p/t.

Order code	Package	Units/Box st.
15B853.1606	25 g	6
15B853.1608	100 g	6

Pyridine-Sulphur Trioxide (Complex)

(see Sulphur Trioxide-Pyridine (Complex))

Pyridinium 4-Toluenesulphonate, 99% PS

C₁₂H₁₃NO₃S

M: 251,30 CAS: 24057-28-1 EINECS: 246-002-7 NC: 2933 31 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %
Identity IR p/t.
Melting range 118-120°C

Order code	Package	Units/Box st.
15A852.1206	25 g	6

2-Pyridinoethanol

(see 2-(2-Hydroxyethyl) Pyridine)

4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS

for complexometry

C₁₁H₈N₄NaO₂·H₂O

M: 255,21 CAS: 16593-81-0 EINECS: 236-339-8 NC: 2933 39 99

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99 %
Identity IR p/t.
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O p/t.
Water (H₂O) 7-10 %
Suitability as complexometric indicator according to ACS p/t.

Order code	Package	Units/Box st.
132071.1603	1 g	6

3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4',4''-Disulphonic Acid Disodium Salt PA

C₂₀H₁₂N₄Na₂O₆S₂

M: 514,36 CAS: 28048-33-1 EINECS: 248-797-6 NC: 2933 69 80

SPECIFICATIONS:

Identity IR p/t.
A 1%, 1 cm, λ=282 nm, H₂O (a.d.s.) >410

MAXIMUM LIMIT OF IMPURITIES

Water (H₂O) 8 %
Suitability as Fe reagent p/t.

Order code	Package	Units/Box st.
124453.1603	1 g	6

Pyrocatechol (Reag. USP, Ph. Eur.) PA

C₆H₆O₂

M: 110,11 CAS: 120-80-9 EINECS: 204-427-5 NC: 2907 29 00

Signal Word: Warning



H312-H302-H319-H315

SPECIFICATIONS:

Assay (G.C.) 98 %
Melting range 104-105°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,05 %
Residue on ignition (as SO₄) 0,1 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
122365.1209	250 g	6

Pyrocatechol, 98% PS

C₆H₆O₂

M: 110,11 CAS: 120-80-9 EINECS: 204-427-5 NC: 2907 29 00

Signal Word: Warning



H312-H302-H319-H315

SPECIFICATIONS:

Assay (G.C.) 98 %
Melting range 104-105°C

Order code	Package	Units/Box st.
152365.1208	100 g	6
152365.1210	500 g	6

Pyrocatechol Violet PA

for complexometry

C₁₉H₁₄O₅S

M: 386,38 CAS: 115-41-3 EINECS: 204-088-3 NC: 3204 19 00

Identity IR p/t
λ of max. ABS in H₂O 440-446 nm
A 1%, 1 cm, λ_{max} >430
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 80°C 15 %
Residue on ignition (as SO₄) 1 %

Order code	Package	Units/Box st.
122643.1604	5 g	6

Pyrogallic Acid (Reag. Ph. Eur.) PA-ACS

C₆H₃(OH)₃

M: 126,11 CAS: 87-66-1 EINECS: 201-762-9 NC: 2907 29 00

Signal Word: Warning



H332-H312-H302-H341-H412

SPECIFICATIONS:

Minimum assay (G.C) 99 %
Identity IR p/t
Melting range 131,0-135,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Residue on ignition (as SO₄) 0,005 %
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,0005 %
Cu 0,0005 %
Fe 0,001 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131050.1608	100 g	6

Pyrogallic Acid, 99% PS

C₆H₃(OH)₃

M: 126,11 CAS: 87-66-1 EINECS: 201-762-9 NC: 2907 29 00

Signal Word: Warning



H332-H312-H302-H341-H412

SPECIFICATIONS:

Assay 99 %
Identity IR p/t

Order code	Package	Units/Box st.
151050.1608	100 g	6
151050.1610	500 g	6

Pyrogallol

(see Pyrogallic Acid)

Pyrogallol Red PA

for complexometry

C₁₉H₁₂O₆S

M: 400,36 CAS: 85531-30-2 EINECS: 251-134-3 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t
λ of max. ABS in Pyridine/H₂O 540-546 nm
A 1%, 1 cm, λ_{max} >850
T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 5 %
Residue on ignition (as SO₄) 1 %

Order code	Package	Units/Box st.
122639.1603	1 g	6

Pyroldiazol Sodium Salt

(see 1,2,4-Triazole Sodium Salt)

Pyrrole, 98% PS

C₄H₅N

M: 67,09 CAS: 109-97-7 EINECS: 203-724-7 NC: 2933 39 99 UN: 1992

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H301

1l-0,967kg 1kg-1,034l

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A259.1608	100 ml	6
15A259.1610	500 ml	6

2-Pyrrolecarbaldehyde

(see Pyrrole-2-Carboxaldehyde)

Pyrrole-2-Carboxaldehyde, 98% PS

C₅H₅NO

M: 95,10 CAS: 1003-29-8 EINECS: 213-705-5 NC: 2933 99 90

SPECIFICATIONS:

Assay 98 %
Identity IR p/t

Order code	Package	Units/Box st.
15B195.1606	25 g	6
15B195.1608	100 g	6

Pyrrolidine, 99% PS

C₄H₉N

M: 71,12 CAS: 123-75-1 EINECS: 204-648-7 NC: 2933 99 90 UN: 1922

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H302-H314

1l-0,865kg 1kg-1,156l

SPECIFICATIONS:

Minimum assay 99 %
Identity IR p/t
Density at 20/4 0,862-0,865
Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15B037.1609	250 ml	6

2-Pyrrolidinecarboxylic Acid

(see Proline)

1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA

C₅H₁₀N₂S₂

M: 164,29 CAS: 5108-96-3 EINECS: 225-834-4 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99 %
Identity IR p/t

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₄) 0,1 %
Heavy metals (as Pb) 0,001 %
Fe 0,001 %

Order code	Package	Units/Box st.
123405.1605	10 g	6

Pyruvic Acid, 98% PS

CH₃COCOOH
 M: 88,06 CAS: 127-17-3 EINECS: 204-824-3 NC: 2918 30 00 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314
 1l-1,267kg 1kg-0,789l
 SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A915.1608	100 ml	6
15A915.1610	500 ml	6

Pyruvic Acid Sodium Salt

(see Sodium Pyruvate)

Quinaldine Red PA

pH indicator and for titrations in non aqueous medium 1,4 colourless; 3,2 red
 C₂₁H₂₃N₂

M: 430,32 CAS: 117-92-0 EINECS: 204-221-5 NC: 2933 49 90

SPECIFICATIONS:
 Identity IR p/t.
 λ of max. ABS in CH₃COOH 528-533 nm
 A 1%, 1 cm, λmax. (calc. a.d.s.) >1150
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 5 %

Order code	Package	Units/Box st.
122849.1604	5 g	6

5-Quinolinamine

(see 5-Aminoquinoline)

Quinoline, 96% PS

C₈H₇N
 M: 129,16 CAS: 91-22-5 EINECS: 202-051-6 NC: 2933 49 90 UN: 2656
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger

H350-H312-H302-H319-H315-H341-H411
 1l-1,093kg 1kg-0,915l
 SPECIFICATIONS:
 Minimum assay (G.C.) 96 %
 Identity IR p/t.
 Density at 20/4 1,092-1,096

Order code	Package	Units/Box st.
15A862.1611	1000 ml	6

8-Quinololinol

(see 8-Hydroxyquinoline)

Quinone

(see 1,4-Benzoquinona)

Raney Nickel Alloy

(see Nickel-Aluminium Alloy)

Reagent for organic halogens

(see Sodium Biphenyl)

Reagent of heavy metals A RE

NC: 3822 00 00

Signal Word: Warning

H319-H335-H315
 1l-1,074kg 1kg-0,931l
 SPECIFICATIONS:
 Suitability as heavy metals reagent p/t.

Order code	Package	Units/Box st.
176418.1209	250 ml	6

Reagent of heavy metals B RE

NC: 3822 00 00

Signal Word: Warning

EUH031-H319-H335-H315-H411
 SPECIFICATIONS:
 1l-1,190kg 1kg-0,840l
 Suitability as heavy metals reagent p/t.

Order code	Package	Units/Box st.
176419.1258	60 ml	6

Rebelein's Kit VINIKIT

for determination of reducing sugar, according to Rebelein method
 NC: 3822 00 00 UN: 3316

IMDG: 9/III ADR: 9/III IATA: 9/- PAX: 915 CAO: 915

Signal Word: Danger

H314-H411
 Comprised of:
 624582 Cupric Solution 0,168 mol/l (1x500 ml)
 624573 Alkaline Solution
 (Potassium Sodium Tartrate) 0,886 mol/l (1x250 ml)
 624572 Potassium Iodide solution 30% w/v (1x500 ml)
 624570 Sulphuric Acid solution 16% v/v (1x500 ml)
 624576 Sodium Thiosulphate 0,0551 mol/l (0,0551N) (1x1000 ml)
 624567 Starch solution 2% (1x500 ml)
 211835 Pumice Stone granules (1x5 g)

Order code	Package	Units/Box st.
624901.0922	pack	6

REDOX STANDARDS

(see Standards Redox)

Red Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Danger

H350i-H302-H334-H317-H411
 1l-1,035kg 1kg-0,966l
 SPECIFICATIONS:
 Assay (as CoCl₂·6H₂O) 59,4-59,6 g/l
 Density at 20/4 1,030-1,035

Order code	Package	Units/Box st.
125416.1208	100 ml	6

Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS

NH₄[Cr(SCN)₂(NH₃)₂].H₂O

M: 354,42 CAS: 13573-16-5 EINECS: 237-003-3 NC: 2842 90 80 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger

H350i-H332-H312-H302-EUH029-EUH032-H317-H410
 SPECIFICATIONS:
 Minimum assay 93,0 %
 MAXIMUM LIMIT OF IMPURITIES
 Insoluble in HCl dil. 0,05 %
 Sensitivity to choline chloride p/t.

Order code	Package	Units/Box st.
134220.1605	10 g	6
134220.1606	25 g	6

Resazurin PA

pH indicator 5,0 pink; 7,0 blue violet

C₁₂H₈NNaO₄

M: 251,17 CAS: 62758-13-8 EINECS: 263-718-5 NC: 3204 13 00

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in NaOH 0,002 mol/l 597-602 nm
 A 1%, 1 cm, λmax >1625
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
 pink 5,0
 blue-violet 7,0
 Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
121591.1604	5 g	6

Resazurin DC

for microscopy, sterility test

C₁₂H₈NNaO₄

M: 251,17 CAS: 62758-13-8 EINECS: 263-718-5 NC: 3204 13 00

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in NaOH 0,002 mol/l 597-602 nm
 A 1%, 1 cm, λmax >1625
 Ratio λmax. P±15 nm 1,15-1,25
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
251591.1604	5 g	6

Resazurin tablets of 0,25 g RE

for analysis of milk

NC: 3822 00 00

Composition:

Resazurin.....0,84 %
Polyethylene Glycol 6000.....2 %
Sodium Chloride.....97,16 %

Order code	Package	Units/Box st.
174602.1206	25 g	6 (*)

Resorcinol PA

C₆H₆O₂

M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.).....99,0 %
Identity.....IR p/t
Melting range.....110-112°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,01 %
Residue on ignition (as SO₂).....0,05 %
Acidity (as HCl).....0,004 %
Alkalinity (as NaOH).....0,004 %
Diresorcinol and Phenol.....p/t

Order code	Package	Units/Box st.
121603.1208	100 g	6
121603.1210	500 g	6

Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₆O₂

M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H315-H400

SPECIFICATIONS:

Assay (calc. a.d.s.).....99,0-100,5%
Identity according to Pharmacopoeias.....p/t
Melting range.....109-111°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....p/t
Insoluble matter in H₂O.....0,01 %
Loss on drying.....1,0 %
Residue on ignition (as SO₂).....0,05 %
Ordinary impurities (T.L.C.).....0,5 %
Organic volatile impurities.....p/t
Acidity or alkalinity.....p/t
Phenol.....p/t
Pyrocatechol.....p/t
Residual metals ICP : (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd).....10 ppm
Class 1B (Ir, Rh, Ru, Os).....10 ppm
Class 1C (Mo, Ni, Cr, V).....25 ppm
Class 2 (Cu, Mn).....250 ppm
Class 3 (Fe, Zn).....1300 ppm

Order code	Package	Units/Box st.
141603.1208	100 g	6
141603.1209	250 g	6
141603.0914	5 kg	
141603.0416	25 kg	

Resorcinol, 99% PS

C₆H₆O₂

M: 110,11 CAS: 108-46-3 EINECS: 203-585-2 NC: 2907 21 00 UN: 2876

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H315-H400

SPECIFICATIONS:

Minimum assay (G.C.).....99 %
Identity.....IR p/t
Melting range.....110-112°C

Order code	Package	Units/Box st.
161603.1209	250 g	6
161603.1211	1000 g	6

α-Resorcylic Acid

(see 3,5-Dihydroxybenzoic Acid)

Reticulin Kit DC

for reticulin fibres staining

NC: 3822 00 00

Comprised of:

1x25ml Reticulin Kit Reagent A
1x25ml Reticulin Kit Reagent B
1x25ml Reticulin Kit Reagent C
1x25ml Reticulin Kit Reagent D
1x25ml Reticulin Kit Reagent E
1x25ml Reticulin Kit Reagent F
1x25ml Reticulin Kit Reagent G
1 instructions sheet

Order code	Package	Units/Box st.
255115.0922	pack	6

RHENIUM SOLUTIONS

(see Standards for ICP)

Rhodamine B (C.I. 45170) PA

Sb reagent

C₂₈H₃₁ClN₂O₃

M: 479,02 CAS: 81-88-9 EINECS: 201-383-9 NC: 3204 13 00

Signal Word: Danger



H302-H318

SPECIFICATIONS:

Identity.....IR p/t
λ of max. ABS in H₂O.....550-554 nm
A 1%, 1cm, λ_{max} (calc. a.d.s.).....>2100
T.L.C.....p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C.....15 %

Order code	Package	Units/Box st.
121604.1606	25 g	6
121604.1608	100 g	6

Rhodamine B (C.I. 45170) DC

for microscopy, fluorescent staining

C₂₈H₃₁ClN₂O₃

M: 479,02 CAS: 81-88-9 EINECS: 201-383-9 NC: 3204 13 00

Signal Word: Danger



H302-H318

SPECIFICATIONS:

Identity.....IR p/t
λ of max. ABS in H₂O.....550-554 nm
A 1%, 1cm, λ_{max} (calc. a.d.s.).....>2100
Ratio λ_{max}, P ± 15 nm.....1,10-1,37
T.L.C.....p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C.....5 %

Order code	Package	Units/Box st.
251604.1606	25 g	6
251604.1608	100 g	6

Rhodamine B in ethanol absolute, TLC developer RE

C₂₈H₃₁ClN₂O₃

M: 479,02 CAS: 81-88-9 NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,787kg 1kg-1,271l

Composition:

Rhodamine B.....0,1 g
Ethanol absolute s.q.m.....100 ml

Order code	Package	Units/Box st.
174249.1608	100 ml	6

RHODIUM SOLUTIONS

(see Standards for ICP)

Rochelle Salt

(see Potassium Sodium Tartrate 4-hydrate)

Rosaniline Chloride

(see Fuchsin Basic)

Rose Bengal (C.I. 45440) DC

for microscopy
 $C_{20}H_{12}Cl_4Na_2O_5$
 M: 1017,65 CAS: 632-69-9 EINECS: 211-183-3 NC: 3212 90 90

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in H_2O 542-548 nm
 A 1%, 1 cm, λ_{max} >600
 Ratio λ_{max} . P \pm 15 nm 1,21-1,95
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
253893.1606	25 g	6
253893.1608	100 g	6

Rosolic Acid (C.I. 43800) PA

pH indicator 6,8 yellow; 8,0 red
 $(C_8H_7O)_2CC_6H_4O$
 M: 290,32 CAS: 603-45-2 EINECS: 210-041-8 NC: 3212 90 90

Signal Word: Warning

 H319-H335-H315

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in NaOH 0,1 mol/l 524-528 nm
 A 1%, 1 cm, λ_{max} >1250
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in C_2H_5OH p/t.
 Loss on drying at 135°C 5 %
 Residue on ignition (as SO_2) 0,5 %
 Cu 0,005 %
 Fe 0,005 %
 Ni 0,005 %
 Pb 0,005 %

Order code	Package	Units/Box st.
121051.1605	10 g	6
121051.1606	25 g	6
121051.1607	50 g	6

Rubeanic Acid PRS

$(CSNH_2)_2$
 M: 120,20 CAS: 79-40-3 EINECS: 201-203-9 NC: 2930 90 85

SPECIFICATIONS:
 Insoluble matter in C_2H_5OH p/t.
 Residue on ignition (as SO_2) 0,5 %
 Sensitivity to Ni and Cu p/t.

Order code	Package	Units/Box st.
141053.1604	5 g	6

RUBIDIUM SOLUTIONS

(see Standards for ICP)

Rubin Acid

(see Fuchsin Acid)

RUTHENIUM SOLUTIONS

(see Standards for ICP)

Saccharose PA-ACS

$C_{12}H_{22}O_{11}$
 M: 342,30 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

SPECIFICATIONS:
 Minimum assay (G.C.) 99,0 %
 Identity..... IR p/t.
 Specific rotation $[\alpha]^{25}_D$ c=26 (in H_2O) +66,3 to +66,8°

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H_2O 0,005 %
 Loss on drying at 105°C 0,03 %
 Residue on ignition (as SO_2) 0,01 %
 Acidity 0,0008 meq/g
 Inverted sugar 0,05 %
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,002 %
 Sulphate and Sulphite (as SO_2) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al .....5	Fe .....5	Pt .....5
Au .....5	Ga .....5	Sb .....5
B .....5	Ge .....5	Si .....10
Ba .....5	In .....5	Sn .....5
Be .....5	K .....50	Sr .....5
Bi .....5	Mg .....20	Ti .....5
Ca .....50	Mn .....5	Tl .....5
Cd .....5	Mo .....5	V .....5
Co .....5	Na .....50	Zn .....5
Cr .....5	Ni .....5	Zr .....5
Cu .....5	Pb .....0,5	

Order code	Package	Units/Box st.
131621.1210	500 g	6
131621.1211	1000 g	6
131621.0914	5 kg	4
131621.0416	25 kg	4

Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX

$C_{12}H_{22}O_{11}$
 M: 342,30 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

SPECIFICATIONS:
 Identity according to Pharmacopoeias p/t.
 Specific rotation $[\alpha]^{25}_D$ c=26 (in H_2O) a.d.s (USP) > +65,9°
 Specific rotation $[\alpha]^{25}_D$ c=26 (in H_2O) +66,3 a +67,0°

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Specific conductance at 20°C $35 \times 10^{-6} \text{ ohm}^{-1} \text{ cm}^{-1}$
 Loss on drying at 105°C 0,1 %
 Residue on ignition (as SO_2) 0,02 %
 Acidity or alkalinity p/t.
 Dextrin p/t.
 Reducing sugars p/t.
 Inverted sugar p/t.
 Residual solvents (Ph.Eur./USP) p/t
 Colour value 45
 Chloride (Cl) 0,0035 %
 Sulphate (SO_4) 0,006 %
 Sulphite (SO_3) 0,0010 %
 Heavy metals (as Pb) 0,0005 %
 Ba p/t.
 Ca p/t.
 Fe 0,0005 %
 Pb 0,00005 %

Order code	Package	Units/Box st.
141621.1211	1000 g	6
141621.0914	5 kg	4
141621.0416	25 kg	4

SACCHAROSE SOLUTIONS

Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT

for refractometers calibration
 $C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

Comprised of:
 624867 Saccharose solution 14,9% w/w (3x10ml)
 624868 Saccharose solution 19,4% w/w (3x10ml)
 625241 Saccharose solution 23,8% w/w (3x10ml)

Order code	Package	Units/Box st.
625484.2122	3 x 3 x 10 ml	6

Saccharose solution 14,9% w/w VINIKIT

for refractometers calibration
 $C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

11-1,059kg 1kg-0,944l

Order code	Package	Units/Box st.
624867.1211	1000 ml	6

Saccharose solution 19,4% w/w VINIKIT

for refractometers calibration
 $C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

11-1,079kg 1kg-0,927l

Order code	Package	Units/Box st.
624868.1211	1000 ml	6

Saccharose solution 23,8% w/w VINIKIT

for refractometers calibration
 $C_{12}H_{22}O_{11}$

M: 342,12 CAS: 57-50-1 EINECS: 200-334-9 NC: 1701 99 90

11-1,099kg 1kg-0,910l

Order code	Package	Units/Box st.
625241.1211	1000 ml	6

Safranin O (C.I. 50240) DC

for microscopy, nucleus staining, according to Gram
 $C_{20}H_{19}ClN_4$

M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in C_2H_5OH 50% 530-534 nm
 A 1%, 1 cm, λ_{max} >875
 Ratio λ_{max} . P \pm 15 nm 1,10-1,32
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 110°C 15 %

Order code	Package	Units/Box st.
251622.1605	10 g	6
251622.1607	50 g	6

RS

SAFRANINE O SOLUTIONS

Safranine O solution 0,2% DC

for microscopy, nucleus staining, according to Gram
 $C_{20}H_{19}ClN_4$
M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00
1l~0,997kg 1kg~1,003l
 Composition:
 Safranine O0,2 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
251623.1208	100 ml	6

Safranine O solution according to Gram-Hucker DC

for microscopy, nucleus staining according to Hucker (see also Kit for Staining Gram-Hucker)
NC: 3204 13 00
1l~0,990kg 1kg~1,010l
 Composition:
 Safranine O0,25 g
 Ethanol absolute10 ml
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
252531.1208	100 ml	6
252531.1209	250 ml	6
252531.1211	1000 ml	6

Safranine O solution 1% DC

for microscopy, nucleus staining according to Gram
 $C_{20}H_{19}ClN_4$
M: 350,85 CAS: 477-73-6 EINECS: 207-518-8 NC: 3204 13 00
1l~0,998kg 1kg~1,002l
 Composition:
 Safranine O1 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
252533.1208	100 ml	6

Safranine T

(see Safranine O)

Salicylamide (USP) PRS-CODEX

$C_7H_7NO_2$
M: 137,14 CAS: 65-45-2 EINECS: 200-609-3 NC: 2924 29 95
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay calc. a.d.s99-101 %
 Identity according to Pharmacopoeias p/t
 Melting range 139-142°C
 T.L.C. p/t

MAXIMUM LIMIT OF IMPURITIES
 Residue on ignition (as SO_4) 0,1 %
 Water (H_2O) 0,5 %
 Residual solvents (Ph.Eur./USP) p/t
 Heavy metals (as Pb) 0,001 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141624.1209	250 g	6
141624.1210	500 g	6

Salicylic Acid PA-ACS

$C_6H_4(OH)COOH$
M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00
 Signal Word: Warning



H302-H319

SPECIFICATIONS:
 Minimum assay (HPLC)99,0 %
 IdentityIR p/t
 Melting range 159-161,0°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C_2H_5OH p/t
 Residue on ignition (as SO_4) 0,01 %
 Darkened substances by H_2SO_4 p/t
 Chloride (Cl) 0,001 %
 Sulphate (SO_4) 0,003 %
 Heavy metals (as Pb) 0,0005 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0002 %
 Fe 0,0002 %
 K 0,005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,05 %
 Ni 0,0002 %
 Pb 0,0002 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131045.1208	100 g	6
131045.1211	1000 g	6

Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

$C_6H_4(OH)COOH$
M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00
 Signal Word: Warning



H302-H319

SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s99,5-100,5 %
 Identity according to Pharmacopoeias p/t
 Melting range 159-161°C
 T.L.C. p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in C_2H_5OH p/t
 Loss on drying 0,5 %
 Residue on ignition (as SO_4) 0,05 %
 Residual solvents (Ph.Eur./USP) p/t
 Darkened substances by H_2SO_4 p/t
 Related substances (HPLC) 0,2 %
 Chloride (Cl) 0,01 %
 Sulphate (SO_4) 0,02 %
 Heavy metals (as Pb) 0,002 %
 Cu 0,0005 %
 Fe 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
141045.1210	500 g	6
141045.1211	1000 g	6
141045.0914	5 kg	
141045.0416	25 kg	

Salicylic Acid, 99% PS

$C_6H_4(OH)COOH$
M: 138,12 CAS: 69-72-7 EINECS: 200-712-3 NC: 2918 21 00
 Signal Word: Warning



H302-H319

SPECIFICATIONS:
 Assay99 %
 IdentityIR p/t

Order code	Package	Units/Box st.
151045.1208	100 g	6
151045.1210	500 g	6

Salicylic Acid Methyl Ester

(see Methyl Salicylate)

Salicylic Acid Sodium Salt

(see Sodium Salicylate)

SAMARIUM SOLUTIONS

(see Standards for ICP)

SCANDIUM SOLUTIONS

(see Standards for ICP)

Schiff's Reagent DC

NC: 3822 00 00

1l-1,010kg 1kg-0,990l

Composition:

Pararosaniline.....	0,1 g
Sodium Sulphite solution 10%.....	10 ml
Hydrochloric Acid 35%.....	3 ml
Water.....	50 ml

Order code	Package	Units/Box st.
251588.1609	250 ml	6
251588.1611	1000 ml	6

Schiff's Reagent RE

for determination of aldehydes

NC: 3822 00 00

1l-1,010kg 1kg-0,990l

Composition:

Pararosaniline.....	0,1 g
Sodium Sulphite solution 10%.....	10 ml
Hydrochloric Acid 35%.....	3 ml
Water.....	50 ml

Order code	Package	Units/Box st.
171588.1609	250 ml	6
171588.1611	1000 ml	6

Schlesinger's Reagent DC

for determination of urobilin

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,812kg 1kg-1,231l

Composition:

Zinc Acetate 2-hydrate.....	10 g
Water.....	4 ml
Ethanol absolute.....	96 ml

Order code	Package	Units/Box st.
251589.1609	250 ml	6

Sea Sand washed, thick grain QP

SiO₂

M: 60,09 CAS: 14808-60-7 EINECS: 238-878-4 NC: 2505 10 00

SPECIFICATIONS:

Soluble matter in HCl.....	0,2 %
Loss on drying.....	0,2 %
Chloride (Cl).....	0,015 %
Particle size.....	1-2 mm

Order code	Package	Units/Box st.
211161.1210	500 g	6
211161.1211	1000 g	6
211161.1214	5 kg	4
211161.0416	25 kg	

Sea Sand washed, thin grain QP

SiO₂

M: 60,09 CAS: 14808-60-7 EINECS: 238-878-4 NC: 2505 10 00

SPECIFICATIONS:

Soluble matter in HCl.....	0,2 %
Loss on drying.....	0,2 %
Chloride (Cl).....	0,015 %
Particle size.....	0,25-0,30 mm

Order code	Package	Units/Box st.
211160.1210	500 g	6
211160.1211	1000 g	6
211160.1214	5 kg	4
211160.0416	25 kg	

Seignette Salt

(see Potassium Sodium Tartrate 4-hydrate)

Selenium metal powder PRS

Se

M: 78,96 CAS: 7782-49-2 EINECS: 231-957-4 NC: 2804 90 00

Signal Word: Danger



H331-H301-H373-H413

SPECIFICATIONS:

Assay (Redox).....	99 %
Residue on ignition.....	0,5 %
Nitrogen compounds (as N).....	0,01 %
Sulphur compounds (as S).....	0,05 %
Cu.....	0,01 %
Fe.....	0,05 %
Ni.....	0,01 %
Pb.....	0,05 %

Order code	Package	Units/Box st.
141625.1207	50 g	6
141625.1208	100 g	6
141625.1210	500 g	6

SELENIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Selenium Dioxide

(see Selenium(IV) Oxide)

Selenium(IV) Oxide, 97% PS

SeO₂

M: 110,96 CAS: 7446-08-4 EINECS: 231-194-7 NC: 2811 29 90 UN: 3283

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H373-H410

SPECIFICATIONS:

Assay (Iodom.).....	97 %
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Order code	Package	Units/Box st.
152832.1208	100 g	6
152832.1210	500 g	6

Selenium Reactive Mixture

(see Kjeldahl Catalyst (Cu-Se))

Semicarbazide Hydrochloride PA

CH₃CIN₂O

M: 111,53 CAS: 563-41-7 EINECS: 209-247-0 NC: 2928 00 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.).....	99,0 %
Identity.....	IR p/t.
Melting range.....	174-177°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,02 %
Loss on drying at 120°C.....	0,5 %
Residue on ignition (as SO ₂).....	0,05 %
Hydrazine (N ₂ H ₄).....	0,01 %
Sulphate (SO ₄).....	0,05 %
Ca.....	0,005 %
Cd.....	0,001 %
Co.....	0,001 %
Cr.....	0,001 %
Cu.....	0,001 %
Fe.....	0,001 %
K.....	0,005 %
Mg.....	0,005 %
Mn.....	0,001 %
Na.....	0,005 %
Ni.....	0,001 %
Pb.....	0,001 %
Zn.....	0,005 %

Order code	Package	Units/Box st.
122764.1208	100 g	6

Semicarbazide Hydrochloride, 99% PS

CH₃CIN₂O

M: 111,53 CAS: 563-41-7 EINECS: 209-247-0 NC: 2928 00 90 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H301-H319-H315

SPECIFICATIONS:

Minimum assay (Acidim.).....	99 %
Identity.....	IR p/t.
Melting range.....	174-177°C

Order code	Package	Units/Box st.
162764.1208	100 g	6
162764.1210	500 g	6

L-Serine (USP, BP, Ph. Eur.) PRS-CODEX

C₃H₇NO₃

M: 105,09 CAS: 56-45-1 EINECS: 200-274-3 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s. 98,5-101,0 %
 Identity according to Pharmacopoeias p/t.
 Specific rotation $[\alpha]_D^{20}$ c=10 (in HCl 2M) +14,0 to +15,6°
 Specific rotation $[\alpha]_D^{20}$ c=10 (in HCl 2M) calc. a.d.s. +14,0 to +16,0°
 T.L.C. p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Loss on drying at 105°C 0,2 %
 Residue on ignition (as SO₂) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,0010 %
 Fe 0,001 %

Order code	Package	Units/Box st.
14B099.1208	100 g	6

L-Serine, 99% PS

C₃H₇NO₃

M: 105,09 CAS: 56-45-1 EINECS: 200-274-3 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15B099.1606	25 g	6
15B099.1608	100 g	6
15B099.1610	500 g	6

Silan-Sterol-1 CG

for derivatization (GC)

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H319-H315

1l~0,940kg 1kg~1,064l

Composition:

Hexamethyldisilazane 300 ml
 Pyridine dry 900 ml
 Trimethylchlorosilane 100 ml

Order code	Package	Units/Box st.
355650.0922	20 x 1 ml	6

Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity (24 hrs at 80% relative humidity) 27 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 150°C 2,0 %
 Blue colour activated
 Pink colour worn out (regenerate)

Order code	Package	Units/Box st.
131335.1211	1000 g	6
131335.0914	5 kg	6

Silica Gel 3-6 mm with indicator (with cobalt chloride) QP

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity (24 hrs at 80% relative humidity) 22 %

Blue colour activated
 Pink colour worn out (regenerate)

Order code	Package	Units/Box st.
211335.1210	500 g	6
211335.1211	1000 g	6
211335.0914	5 kg	4
211335.0416	25 kg	1

Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

SPECIFICATIONS:

Minimum water absorption capacity (24 hrs at 80% relative humidity) 27 %

MAXIMUM LIMIT OF IMPURITIES

Amber colour activated
 Light yellow colour worn out (regenerate)

Order code	Package	Units/Box st.
135571.1210	500 g	6
135571.1211	1000 g	6
135571.0914	5 kg	4
135571.0416	25 kg	1

Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity (24 hrs at 80% relative humidity) 27 %

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 150°C 2,0 %
 Blue colour activated
 Pink colour worn out (regenerate)

Order code	Package	Units/Box st.
132921.1210	500 g	6
132921.1211	1000 g	6

Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP

CAS: 112926-00-8 EINECS: 231-545-4 NC: 2811 22 00

Signal Word: Danger



H350i-H302-H412

SPECIFICATIONS:

Minimum water absorption capacity (24 hrs at 80% relative humidity) 22 %

Blue colour activated
 Pink colour worn out (regenerate)

Order code	Package	Units/Box st.
212921.1210	500 g	6
212921.1211	1000 g	6
212921.0914	5 kg	4
212921.0416	25 kg	1

Silica Gel 60, 40-63 microns RE

for chromatography in column

CAS: 112926-00-8 EINECS 231-545-4 RTECS: WV 8850000

VLA-ED: 10 mg/m³

SPECIFICATIONS:

pH of 10% aqueous suspension 6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 800°C 10 %
 Granular size:
 Less than 25 µm 15 %
 More than 71 µm 7 %
 Fe 0,005 %

Order code	Package	Units/Box st.
176448.1211	1000 g	6
176448.0914	5 Kg	1
176448.0416	25 Kg	1

Silica Gel 60, 63-200 microns RE

for chromatography in column

CAS: 112926-00-8 NC: 2811 22 00

SPECIFICATIONS:

pH of 10% aqueous suspension 5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 800°C 10 %
 Granular size:
 Less than 63 µm 7 %
 More than 200 µm 12 %
 Fe 0,005 %

Order code	Package	Units/Box st.
174275.1211	1000 g	6
174275.0914	5 Kg	1
174275.0416	25 Kg	1

Siliceous Earth purified and calcined (USP-NF) PRS-CODEX

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 980°C	2,0 %
Loss on drying at 105°C	0,5 %
Soluble matter in H ₂ O	0,2 %
Soluble matter in HCl	2,0 %
Non siliceous substances	25 %
Leachable As	0,001 %
Leachable Pb	0,001 %
Residual solvents (Ph.Eur./USP)	p/t.

Order code	Package	Units/Box st.
142475.1211	1000 g	6
142475.0914	5 kg	4
142475.0416	25 kg	

Siliceous Earth purified and calcined (F.C.C.) ADITIO

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

Loss on ignition (on the dried basis), not more than	0,5 %
Loss on drying, not more than	3,0 %
Non siliceous substances (cal. on the dried basis), not more than	25,0 %
Arsenic (as As), not more than	10 ppm
Lead, not more than	10 ppm
pH	8,0-11,0
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
202475.0914	5 kg	
202475.0416	25 kg	

Siliceous Earth purified and calcined QP

CAS: 91053-39-3 EINECS: 293-303-4 NC: 2512 00 00

SPECIFICATIONS:

pH of 10% solution	5-10
Soluble matter in HCl	2 %
Chloride (Cl)	0,01 %
Heavy metals (as Pb)	0,005 %
Leachable Fe	0,04 %

Order code	Package	Units/Box st.
212475.1211	1000 g	6
212475.0914	5 kg	4
212475.0416	25 kg	

SILICON SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Silicone antifoaming liquid (AQ) QP

for distillation of aqueous products

NC: 3910 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Identity..... IR p/t.

Order code	Package	Units/Box st.
216241.1208	100 ml	6
216241.1209	250 ml	6
216241.1210	500 ml	6
216241.1214	5 l	4

Silicone antifoaming liquid (ORG) QP

for distillation of organic products

NC: 3910 00 00

1l-0,97kg 1kg-1,03l

SPECIFICATIONS:

Identity..... IR p/t.

Order code	Package	Units/Box st.
211628.1208	100 ml	6
211628.1209	250 ml	6
211628.1210	500 ml	6
211628.1214	5 l	4

Silicone heat resistant liquid QP

for heater bath

NC: 3910 00 00

1l-0,990kg 1kg-1,010l

SPECIFICATIONS:

Identity..... IR p/t.

Order code	Package	Units/Box st.
211629.1208	100 ml	6
211629.1209	250 ml	6
211629.1210	500 ml	6
211629.1214	5 l	4

Silicone paste A QP

for greasing at high temperatures

NC: 3910 00 00

SPECIFICATIONS:

Identity..... IR p/t.

Order code	Package	Units/Box st.
211630.1207	50 g	6
211630.1208	100 g	6

Silicone paste B QP

for greasing at pressure and vacuum. For use at pressures down to 10⁻⁶ mm Hg.

NC: 3910 00 00

SPECIFICATIONS:

Identity..... IR p/t.

Order code	Package	Units/Box st.
211631.1207	50 g	6
211631.1208	100 g	6

Silvan

(see 2-Methylfuran)

SILVER SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Silver Acetate PRS

C₂H₃AgO₂

M: 166,91 CAS: 563-63-3 EINECS: 209-254-9 NC: 2843 29 00

SPECIFICATIONS:

Assay (Arg.)	98 %
Insoluble matter in HNO ₃ and chloride	0,05 %
Non-precipitated by HCl	0,5 %

Order code	Package	Units/Box st.
141851.1606	25 g	6
141851.1608	100 g	6

Silver Carbonate PRS

Ag₂CO₃

M: 275,75 CAS: 534-16-7 EINECS: 208-590-3 NC: 2843 29 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

SPECIFICATIONS:

Assay (Arg.)	99 %
Insoluble matter in HNO ₃	0,05 %
Non-precipitated by HCl	0,5 %
Alkaline carbonates (as Na ₂ CO ₃)	0,1 %
Sulphate (SO ₄)	0,01 %
Fe	0,001 %

Order code	Package	Units/Box st.
141800.1606	25 g	6

Silver Chloride PRS

AgCl

M: 143,32 CAS: 7783-90-6 EINECS: 232-033-3 NC: 2843 29 00

SPECIFICATIONS:

Assay	99 %
Insoluble matter in NH ₄ OH	0,05 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141802.1606	25 g	6
141802.1608	100 g	6

Silver Cyanide PRS

AgCN

M: 133,90 CAS: 506-64-9 EINECS: 208-048-6 NC: 2843 29 00 UN: 1684

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.)	98 %
Insoluble matter in NaCN	p/t.
Cu	0,003 %
Fe	0,005 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141894.1606	25 g	6

Silver Diethyldithiocarbamate (Reag. USP, Ph. Eur.)

PA-ACS

C₈H₁₆AgNS₂

M: 256,14 CAS: 1470-61-7 EINECS: 216-003-7 NC: 2843 29 00

SPECIFICATIONS:

Minimum assay (Arg.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅N p/t

Sensitivity to As p/t

Order code	Package	Units/Box st.
132382.1604	5 g	6
132382.1606	25 g	6

Silver Iodide PA

AgI

M: 234,77 CAS: 7783-96-2 EINECS: 232-038-0 NC: 2843 29 00

SPECIFICATIONS:

Minimum assay (Arg.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in KSCN 0,05 %

Soluble matter in water 0,25 %

Nitrate (NO₃) 0,005 %

Cu 0,003 %

Fe 0,001 %

Ni 0,003 %

Pb 0,003 %

Order code	Package	Units/Box st.
121947.1606	25 g	6

Silver Nitrate EQP-ACS-ISO

Primary Chemical Matter

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Assay (Arg.) (after drying with H₂SO₄) 99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %

Insoluble matter in C₂H₅OH p/t

Non-precipit. subst. by HCl 0,01 %

Acidity p/t

Chloride (Cl) 0,0005 %

Sulphate (SO₄) 0,002 %

Bi 0,0005 %

Ca 0,001 %

Cu 0,0002 %

Fe 0,0002 %

Mg 0,001 %

K 0,01 %

Na 0,002 %

Pb 0,001 %

Order code	Package	Units/Box st.
241459.1521	10 x 1,5 g	6
241459.1608	100 g	6

Silver Nitrate PA-ACS-ISO

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Minimum assay (Arg.) 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %

Insoluble matter in C₂H₅OH p/t

Non-precipitated substances by HCl 0,01 %

Acidity p/t

Chloride (Cl) 0,0005 %

Sulphate (SO₄) 0,002 %

Metals by ICP [mg/Kg (ppm)]

Bi 5	Ge 5	Ni 5
Ca 10	In 5	Pb 10
Co 5	K 100	Sr 5
Cu 2	Mg 10	V 5
Fe 2	Mn 5	Zr 5
Ga 5	Na 20	

Order code	Package	Units/Box st.
131459.1606	25 g	6
131459.1608	100 g	6
131459.1609	250 g	6
131459.1611	1000 g	6

Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1493

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H314-H410

SPECIFICATIONS:

Assay (Arg.) 99,8-100,5%

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t

Insoluble matter in H₂O 0,005 %

Residual solvents (Ph.Eur./USP) p/t

Acidity or alkalinity p/t

Chloride (Cl) 0,001 %

Sulphate (SO₄) 0,002 %

Foreign salts 0,02 %

Al, Pb, Cu and Bi p/t

Cu 0,0005 %

Fe 0,0005 %

Pb 0,001 %

Order code	Package	Units/Box st.
141459.1606	25 g	6
141459.1608	100 g	6
141459.1609	250 g	6
141459.1611	1000 g	6

SILVER NITRATE SOLUTIONS

Silver Nitrate solution 0,5% w/v RE

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

H412

1l-1,004kg 1kg-0,996l

Composition:

Silver Nitrate 0,51 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
171460.1609	250 ml	6

Silver Nitrate solution 2% w/v RE

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

H412

1l-1,014kg 1kg-0,986l

Composition:

Silver Nitrate 2,1 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
171462.1609	250 ml	6

Silver Nitrate volumetric solution 2,9067% RV

for determination of chloride. 1 ml corresponds to 6,074 mg of Cl

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914

Signal Word: Warning



H411

1l-1,024kg 1kg-0,977l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
281463.1609	250 ml	6

Silver Nitrate 0,01 mol/l (0,01N) SV

Indicator: Potassium Chromate

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182564.1211	1000 ml	6

Silver Nitrate 0,02 mol/l (0,02N) SV

Indicator: Potassium Chromate

AgNO₃

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00

CE: 047-001-00-2

1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer 1,000 ±0,001

Order code	Package	Units/Box st.
181465.1211	1000 ml	6

Silver Nitrate 0,05 mol/l (0,05N) SV

Indicator: Potassium Chromate
 AgNO₃
 M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00
 CE: 047-001-00-2
 1l-1,008kg 1kg-0,992l
 SPECIFICATIONS:
 Titer1,000 ±0,001

Order code	Package	Units/Box st.
182115.1211	1000 ml	6

Silver Nitrate 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate
 AgNO₃
 M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00
 CE: 047-001-00-2
 1l-1,012kg 1kg-0,988l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
181464.1610	500 ml	6
181464.1211	1000 ml	6
181464.1212	2,5 l	4
181464.1315	10 l	(*)

Silver Nitrate 0,1 mol (16,987g AgNO₃) to prepare 1l of 0,1N solution SVc

M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 1760
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314-H411

SPECIFICATIONS:
 Titer1,000 ±0,002

Order code	Package	Units/Box st.
303117.1920	1 ampoule	6

Silver Nitrate 1 mol/l (1N) SV

Indicator: Potassium Chromate
 AgNO₃
 M: 169,87 CAS: 7761-88-8 EINECS: 231-853-9 NC: 2843 21 00 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
 Signal Word: Danger

H314-H410

1l-1,138kg 1kg-0,879l
 SPECIFICATIONS:
 Titer1,000 ±0,001

Order code	Package	Units/Box st.
182116.1610	500 ml	6
182116.1211	1000 ml	6

Silver(I) Oxide PRS

Ag₂O
 M: 231,74 CAS: 20667-12-3 EINECS: 243-957-1 NC: 2843 29 00 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272-H318-EUH044

SPECIFICATIONS:
 Assay (Arg.) a.d.s.....98 %
 Insoluble matter in HNO₃.....0,05 %
 Loss on drying at 120°C.....1 %
 Non-precipitated substances by HCl.....0,1 %

Order code	Package	Units/Box st.
141933.1606	25 g	6
141933.1608	100 g	6

Silver Sulphate PA-ACS

Ag₂SO₄
 M: 311,83 CAS: 10294-26-5 EINECS: 233-653-7 NC: 2843 29 00 UN: 1759
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

SPECIFICATIONS:
 Minimum assay (Arg).....99,0 %

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O.....0,02 %
 Non-precipitated substances by HCl (as SO₄).....0,03 %
 Suitability for COD determination according to UNE 77-004-89 p/t.
 Chloride (Cl).....0,001 %
 Nitrate (NO₃).....0,001 %
 Ca.....0,002 %
 Cd.....0,0005 %
 Co.....0,0005 %
 Cu.....0,0005 %
 Fe.....0,001 %
 K.....0,005 %
 Mg.....0,002 %
 Na.....0,005 %
 Ni.....0,0005 %
 Pb.....0,0005 %
 Zn.....0,0005 %

Order code	Package	Units/Box st.
131801.1606	25 g	6
131801.1608	100 g	6
131801.1609	250 g	6

Silver Sulphate PRS

Ag₂SO₄
 M: 311,83 CAS: 10294-26-5 EINECS: 233-653-7 NC: 2843 29 00 UN: 1759
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

SPECIFICATIONS:
 Assay (Arg.).....99 %
 Chloride (Cl).....0,003 %
 Fe.....0,005 %
 Pb.....0,002 %

Order code	Package	Units/Box st.
141801.1606	25 g	6
141801.1608	100 g	6
141801.1609	250 g	6

SILVER SULPHATE SOLUTIONS

Silver Sulphate solution 6,6 g/l in sulphuric acid RV

for determination of COD
 Ag₂SO₄
 M: 311,83 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314

1l-1,84 kg 1kg~0,54l
 SPECIFICATIONS:
 MAXIMUM LIMIT OF IMPURITIES
 Suitability for COD determinations..... p/t.

Order code	Package	Units/Box st.
282922.1611	1000 ml	6
282922.1612	2,5 l	4

Silver Sulphate solution 10 g/l in sulphuric acid RV

for determination of COD according to Norme Française NFT 90-101
 Ag₂SO₄
 M: 311,83 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314

1l-1,84kg 1kg~0,54l
 SPECIFICATIONS:
 MAXIMUM LIMIT OF IMPURITIES
 Suitability for COD determinations..... p/t.

Order code	Package	Units/Box st.
283098.1611	1000 ml	6
283098.1612	2,5 l	4

(*) Sol-Pack pack with tap

Silver Sulphate solution 80 g/l in sulphuric acid RV

for determination of COD according to DIN 38 409-H
Ag₂SO₄

M: 311,83 NC: 3822 00 00 UN: 3264
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger



H314

1l~1,895kg 1kg~0,528l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Suitability for COD determinations..... p/t.

Order code	Package	Units/Box st.
284291.1611	1000 ml	6

Slaked lime

(see Calcium Hydroxide)

Soda Lime with indicator QP

granules

CAS: 8006-28-8 NC: 3822 00 00 UN: 1907
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
Signal Word: Danger



H314

SPECIFICATIONS:

Absorption capacity of CO₂..... ≥20 %
Loss on drying at 200°C..... 18 %
Cream colour..... activated
Blue-violet colour..... worn out (dispose)

Order code	Package	Units/Box st.
212778.1210	500 g	6
212778.1211	1000 g	6
212778.0914	5 kg	4
212778.0416	25 kg	6

Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Nitrogen compounds (as N) 0,0005 %
Chloride (Cl)..... 0,002 %
Phosphate (PO₄)..... 0,0005 %
Sulphate (SO₄)..... 0,002 %
Heavy metals (as Pb)..... 0,0005 %
Ba..... 0,0005 %
Ca..... 0,05 %
Fe..... 0,001 %
K..... 0,05 %
Li..... 0,002 %

Order code	Package	Units/Box st.
131699.0308	100 g	6
131699.0310	500 g	6

Sodium metal, sticks PRS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

Chloride (Cl)..... 0,01 %
Sulphate (SO₄)..... 0,01 %
Fe..... 0,005 %

Order code	Package	Units/Box st.
141699.0308	100 g	6
141699.0310	500 g	6

Sodium, 99% metal, sticks in vaseline oil PS

Na
M: 22,99 CAS: 7440-23-5 EINECS: 231-132-9 NC: 2805 11 00 UN: 1428
IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412
Signal Word: Danger



EUH014-H260-H314

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %

Order code	Package	Units/Box st.
15A865.1608	100 g	6

SODIUM SOLUTIONS

(see Standards for Atomic Absorption, ICP and Ionic Chromatography)

Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS

CH₃COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)..... 99,0 %
pH of 5% solution..... 7,5-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Loss on drying at 120°C..... 1,0 %
Chloride (Cl)..... 0,002 %
Phosphate (PO₄)..... 0,001 %
Sulphate (SO₄)..... 0,003 %
Ammonium (NH₄)..... 0,001 %
Heavy metals (as Pb)..... 0,001 %
Al..... 0,001 %
As..... 0,0001 %
Ca..... 0,002 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,0005 %
K..... 0,02 %
Mg..... 0,001 %
Ni..... 0,0005 %
Pb..... 0,0005 %
Zn..... 0,0005 %

Order code	Package	Units/Box st.
131633.1210	500 g	6
131633.1211	1000 g	6
131633.0914	5 kg	4
131633.0416	25 kg	6

Sodium Acetate anhydrous (USP) PRS-CODEX

CH₃COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s..... 99,0-101,0%
Identity according to Pharmacopoeias..... p/t
pH of 3% solution..... 7,5-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,05 %
Loss on drying at 120°C..... 1,0 %
Residual solvents (Ph.Eur./USP)..... p/t
Chloride (Cl)..... 0,005 %
Sulphate (SO₄)..... 0,005 %
Ammonium (NH₄)..... 0,005 %
Calcium and Magnesium (as Ca)..... p/t
Heavy metals (as Pb)..... 0,001 %
Al..... 0,00002 %
As..... 0,00005 %
Cu..... 0,001 %
Fe..... 0,001 %
K..... p/t
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd)..... 10 ppm
Class 1B (Ir, Rh, Ru, Os)..... 10 ppm
Class 1C (Mo, Ni, Cr, V)..... 25 ppm
Class 2 (Cu, Mn)..... 250 ppm
Class 3 (Fe, Zn)..... 1300 ppm

Order code	Package	Units/Box st.
141633.1210	500 g	6
141633.1211	1000 g	6
141633.0914	5 kg	4
141633.0416	25 kg	6

Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO

CH₃COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (as C₂H₃O₂Na) after drying..... 99,0-101,0%
pH of 1% solution..... 8,0-9,5
Alkalinity (as Na₂CO₃), not more than..... 0,2 %
Arsenic (as As), not more than..... 3 ppm
Loss on drying, not more than..... 1,0 %
Potassium compounds..... p/t
Formic acid, formates and other oxidizable impurities (as HCOOH), not more than..... 0,1 %
Lead, not more than..... 2 ppm
Heavy metals (as Pb), not more than..... 10 ppm
Mercury (Hg), not more than..... 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201633.0914	5 kg	6
201633.0416	25 kg	6

Sodium Acetate 3-hydrate PA-ACS-ISO

CH₃COONa.3H₂O

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....99,0-101,0%
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,005 %
Reducing substances to KMnO₄ (as HCOOH)..... 0,005 %
Chloride (Cl)..... 0,0005 %
Nitrogen compounds (as N) 0,001 %
Phosphate (PO₄) 0,0005 %
Sulphate (SO₄) 0,002 %
Heavy metals (as Pb)..... 0,0005 %
As 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Ag.....3	Fe.....3	Ni.....5
Al.....5	Ge.....3	Pb.....5
B.....3	Hg.....3	Si.....3
Ba.....3	In.....3	Sr.....3
Be.....3	K.....50	Ti.....3
Ca.....10	Li.....3	V.....3
Cd.....5	Mg.....5	Zn.....5
Co.....5	Mn.....3	Zr.....3
Cu.....5	Mo.....3	

Order code	Package	Units/Box st.
131632.1210	500 g	6
131632.1211	1000 g	6
131632.1214	5 kg	4
131632.0416	25 kg	

Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CH₃COONa.3H₂O

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.) (calc. a.a.s.).....99,0-101,0%
Identity according to Pharmacopoeias p/t.
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O..... 0,005 %
Loss on drying at 130°C..... 39,0-40,5 %
Residual solvents (Ph.Eur./USP)..... p/t
Reducing substances p/t.
Chloride (Cl)..... 0,005 %
Nitrogen compounds (as N) 0,005 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,003 %
Calcium and magnesium (as Ca)..... 0,005 %
Heavy metals (as Pb)..... 0,0006 %
Al 0,00002 %
As 0,00005 %
Cu 0,001 %
Fe 0,001 %
K p/t.

Order code	Package	Units/Box st.
141632.1210	500 g	6
141632.1211	1000 g	6
141632.1214	5 kg	4
141632.0416	25 kg	

Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO

CH₃COONa.3H₂O

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (as C₂H₃O₂Na) after drying.....99,0-101,0%
pH of 1% solution 8,0-9,5
Alkalinity (as Na₂CO₃), not more than 0,05 %
Arsenic (as As), not more than 3 ppm
Loss on drying..... 36,0-41,0 %
Potassium compounds p/t.
Formic acid, formates and other oxidizable impurities (as HCOOH), not more than 0,1 %
Lead, not more than 2 ppm
Heavy metals (as Pb), not more than 10 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201632.1214	5 kg	4
201632.0416	25 kg	

Sodium Acetate 3-hydrate QP

CH₃COONa.3H₂O

M: 136,08 CAS: 6131-90-4 EINECS: 204-823-8 NC: 2915 29 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....99 %
pH of 5% solution 7,5-9,2
Chloride (Cl)..... 0,01 %
Sulphate (SO₄) 0,01 %

Order code	Package	Units/Box st.
211632.1214	5 kg	4
211632.0416	25 kg	

SODIUM ACETATE SOLUTIONS

Sodium Acetate 0,1 mol/l (0,1M) RV

CH₃COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

1l-1,003kg 1kg-0,997l

SPECIFICATIONS:

Titer 1,0 ± 0,1

Order code	Package	Units/Box st.
282298.1211	1000 ml	6

Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger

H226-H314
1l-1,053kg 1kg-0,950l

SPECIFICATIONS:

Titer 1,000±0,005

Order code	Package	Units/Box st.
183706.1610	500 ml	6

Sodium Acetate 1 mol/l (1M) RV

CH₃COONa

M: 82,03 CAS: 127-09-3 EINECS: 204-823-8 NC: 2915 29 00

1l-1,040kg 1kg-0,962l

Composition:

Sodium Acetate 3-hydrate 13,7 g
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281634.1211	1000 ml	6

Sodium Alizarinsulphonate

(see Alizarin Red S)

Sodium and Ammonium Hydrogen Phosphate

(see Ammonium Sodium Hydrogen Phosphate)

Sodium and Potassium Tartrate

(see Potassium Sodium Tartrate 4-hydrate)

di-Sodium Arsenate

(see di-Sodium Hydrogen Arsenate 7-hydrate)

Sodium Arsenate di-Basic

(see di-Sodium Hydrogen Arsenate 7-hydrate)

Sodium meta-Arsenite PA

NaAsO₂

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 2027

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger

H331-H301-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,01 %
Chloride (Cl)..... 0,01 %
Sulphate (SO₄) 0,05 %
Cu 0,05 %
Ni 0,05 %
Pb 0,05 %
Sb 0,05 %

Order code	Package	Units/Box st.
121636.1210	500 g	6
121636.1214	5 kg	4
121636.0716	25 kg	

S

Sodium meta-Arsenite PRS

NaAsO₂

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 2027
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Assay (Iodom.).....	97 %
Chloride (Cl).....	0,05 %
Cu.....	0,1 %
Ni.....	0,1 %
Pb.....	0,1 %

Order code	Package	Units/Box st.
141636.1210	500 g	6
141636.1214	5 kg	4
141636.0716	25 kg	

Sodium meta-Arsenite 0,05 mol/l (0,1N) SV

Indicator: Starch

NaAsO₂

M: 129,91 CAS: 7784-46-5 EINECS: 232-070-5 NC: 2842 90 80 UN: 1686
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H331-H301-H412

1l-1,013kg 1kg-0,987l

SPECIFICATIONS:

Titer.....1,000±0,001

Order code	Package	Units/Box st.
181152.1611	1000 ml	6

Sodium L(+)-Ascorbate (USP) PRS-CODEX

C₆H₇NaO₆

M: 198,11 CAS: 134-03-2 EINECS: 205-126-1 NC: 2936 27 00

SPECIFICATIONS:

Assay (Iodom.) calc. a.d.s.....	99,0-101,0 %
Identity according to Pharmacopoeias.....	p/t
Specific rotation [α] _D ²⁰ c=10 (in H ₂ O) calc. a.d.s.....	+103 to +108°
pH of 10% solution.....	7,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 60°C.....	0,25 %
Residual solvents (Ph.Eur./USP).....	p/t
Heavy metals (as Pb).....	0,002 %

Order code	Package	Units/Box st.
143865.1209	250 g	6
143865.1211	1000 g	6

Sodium L(+)-Ascorbate (E-301, F.C.C) ADITIO

C₆H₇NaO₆

M: 198,11 CAS: 134-03-2 EINECS: 205-126-1 NC: 2936 27 00

SPECIFICATIONS:

Assay (as C ₆ H ₇ NaO ₆) a.d.s.....	99,0-101,0%
Arsenic (as As), not more than.....	3 ppm
Heavy metals (as Pb), not more than.....	0,001 %
Lead, not more than.....	2 ppm
Loss on drying, not more than.....	0,25 %
pH of 10% solution.....	6,5-8,0
Specific rotation [α] _D ²⁰	+103 to+106°
Mercury (Hg), not more than.....	1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
203865.1214	5 kg	4

Sodium Azide (Reag. USP, Ph. Eur.) PA

NaN₃

M: 65,01 CAS: 26628-22-8 EINECS: 247-852-1 NC: 2850 00 50 UN: 1687
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Cerim.).....99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,3 %
Loss on drying.....	0,1 %
Alkalinity (as NaOH).....	0,1 %
Chloride (NaCl).....	0,05 %

Order code	Package	Units/Box st.
122712.1608	100 g	6
122712.1609	250 g	6
122712.1611	1000 g	6
122712.1214	5 kg	4

Sodium Azide, 99% PS

NaN₃

M: 65,01 CAS: 26628-22-8 EINECS: 247-852-1 NC: 2850 00 50 UN: 1687
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Perchl. Ac.).....99 %

Order code	Package	Units/Box st.
162712.1608	100 g	6
162712.1609	250 g	6
162712.1214	5 kg	4

Sodium Benzoate PA

C₆H₅COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.).....98,0 %
Identity.....IR p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Loss on drying at 105°C.....	1,5 %
Acidity or alkalinity.....	p/t
Chlorine compounds (as Cl).....	0,05 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,02 %
As.....	0,0003 %
Cu.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
121637.1210	500 g	6
121637.1211	1000 g	6
121637.0914	5 kg	4

Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₆H₅COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....99,0-100,5%
Identity according to Pharmacopoeias.....p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t
Insoluble matter in H ₂ O.....	p/t
Loss on drying at 105°C.....	1,5 %
Residual solvents (Ph.Eur./USP).....	p/t
Acidity or alkalinity.....	p/t
Water (H ₂ O).....	1,5 %
Halogenated compounds:	
Ionized Chlorine (Cl).....	0,02 %
Total Chlorine (Cl).....	0,03 %
Heavy metals (as Pb).....	0,001 %
As.....	0,0003 %

Order code	Package	Units/Box st.
141637.1211	1000 g	6
141637.0914	5 kg	

Sodium Benzoate (E-211, F.C.C.) ADITIO

C₆H₅COONa

M: 144,10 CAS: 532-32-1 EINECS: 208-534-8 NC: 2916 31 00

SPECIFICATIONS:

Assay (as C ₆ H ₅ O ₂ Na) calc. on the dry basis.....	99,5-100,5%
Arsenic (as As), not more than.....	3 ppm
Loss on drying, not more than.....	1,5 %
Heavy metals (as Pb), not more than.....	10 ppm
Lead, not more than.....	2 ppm
Polycyclic acids.....	p/t
Acidity and alkalinity.....	p/t
Alkalinity (as NaOH), not more than.....	0,04 %
Easily oxidable substances.....	p/t
Organic Chlorine (as monochlorobenz. acid), not more than.....	0,25 %
Water, not more than.....	1,5 %
Mercury (Hg), not more than.....	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201637.0914	5 kg	
201637.0416	25 kg	

Sodium Bicarbonate

(see Sodium Hydrogen Carbonate)

Sodium Bioxide

(see Sodium Peroxide)

Sodium Biphenyl, Reagent for organic halogens (Reag. USP) PA

~1M in Diethylene Glycol Diethyl Ether
(C₆H₅)₂Na
M: 177,20 NC: 3822 00 00 UN: 2920
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
Signal Word: Danger

 H226-H314

1l-1,100kg 1kg-0,909l

SPECIFICATIONS:
Suitability as a decomposition reagent for organic halogens p/t.

Order code	Package	Units/Box st.
125565.0922	20 x 15 ml 	6

Sodium Bismuthate (Reag. Ph. Eur.) PA

NaBiO₃
M: 279,97 CAS: 12232-99-4 EINECS: 235-455-6 NC: 2841 90 85

SPECIFICATIONS:
Minimum assay (Iodom.) 85,0 %

MAXIMUM LIMIT OF IMPURITIES
Soluble peroxides (as O) 0,008 %
Chloride (Cl) 0,002 %
Nitrate (NO₃) 0,004 %
Mn 0,0005 %

Order code	Package	Units/Box st.
121639.1208	100 g 	6
121639.1209	250 g 	6
121639.1214	5 kg 	4

Sodium Bisulphate

(see Sodium Hydrogen Sulphate)

Sodium Bisulphite

(see Sodium Hydrogen Sulphite sol. 40% w/v)

Sodium meta-Bisulphite

(see Sodium Disulphite)

Sodium Bitartrate

(see Sodium Hydrogen Tartrate)

Sodium Borate

(see di-Sodium tetra-Borate)

Sodium meta-Borate 4-hydrate PRS

NaBO₂·4H₂O
M: 137,86 CAS: 10555-76-7 EINECS: 231-891-6 NC: 2840 20 90
Signal Word: Warning

 H319-H335-H315

SPECIFICATIONS:
Assay (Acidim.) 97 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,02 %
Cu 0,005 %
Fe 0,005 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
143958.1210	500 g 	6

di-Sodium tetra-Borate anhydrous PA

flux
Na₂B₄O₇
M: 201,22 CAS: 1330-43-4 EINECS: 215-540-4 NC: 2840 11 00
Signal Word: Danger

 H360FD

SPECIFICATIONS:
Minimum assay (Acidim.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES
Loss on melting 2 %
Chloride (Cl) 0,005 %
Fluoride (F) 0,002 %
Phosphate (PO₄) 0,002 %
Silicate (as SiO₂) 0,05 %
Al 0,002 %
Ca 0,01 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,002 %
K 0,005 %
Mg 0,005 %
Mn 0,0004 %
Ni 0,0005 %
Pb 0,002 %
Zn 0,0005 %

Order code	Package	Units/Box st.
123052.1209	250 g 	6
123052.1214	5 kg 	4

di-Sodium tetra-Borate anhydrous PRS

Na₂B₄O₇
M: 201,22 CAS: 1330-43-4 EINECS: 215-540-4 NC: 2840 11 00
Signal Word: Danger

 H360FD

SPECIFICATIONS:
Assay (Acidim.) 98 %
Insoluble matter in H₂O 0,05 %
Chloride (Cl) 0,05 %
Phosphate (PO₄) 0,005 %
Heavy metals (as Pb) 0,005 %
Ca 0,02 %
Cu 0,005 %
Fe 0,005 %
K 0,05 %
Mg 0,02 %
Ni 0,005 %
Pb 0,005 %

Order code	Package	Units/Box st.
143052.1211	1000 g 	6
143052.1214	5 kg 	4

di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO

Na₂B₄O₇·10H₂O
M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10
Signal Word: Danger

 H360FD

SPECIFICATIONS:
Assay (Acidim.) 99,5-103,0 %
pH of 0,01 mol/l solution 9,15-9,20

MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,0025 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,001 %
As 0,0001 %
Ca 0,005 %
Cu 0,0005 %
Fe 0,0005 %
Mg 0,002 %
Ni 0,001 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131644.1210	500 g 	6
131644.1211	1000 g 	6
131644.0914	5 kg 	4
131644.0416	25 kg 	1

di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

Na₂B₄O₇·10H₂O

M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10

Signal Word: Danger



H360FD

SPECIFICATIONS:

Assay (Acidim.) 99,0-103,0%
 Identity according to Pharmacopoeias p/t
 pH of 4% solution 9,0-9,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Insoluble matter in H₂O 0,025 %
 Residual solvents (Ph.Eur./USP) p/t
 Carbonate and Hydrogen Carbonate p/t
 Chloride (Cl) 0,005 %
 Phosphate (PO₄) 0,005 %
 Sulphate (SO₄) 0,005 %
 Ammonium (NH₄) 0,001 %
 Heavy metals (as Pb) 0,002 %
 As 0,0005 %
 Ca 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141644.1210	500 g	6
141644.1211	1000 g	6
141644.0914	5 kg	
141644.0416	25 kg	

di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT

Na₂B₄O₇·10H₂O

M: 381,37 CAS: 1303-96-4 EINECS: 215-540-4 NC: 2840 19 10

1l-1,025kg 1kg-0,975l

Composition:

di-Sodium tetra-Borate 10-hydrate 4,6 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
625388.1210	500 ml	6

Sodium Borohydride (Reag. USP) PA

NaH.B

M: 37,83 CAS: 16940-66-2 EINECS: 241-004-4 NC: 2850 00 20 UN: 1426

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



H261-H301-H314

SPECIFICATIONS:

Minimum assay (Iodom.) 96,0 %

MAXIMUM LIMIT OF IMPURITIES

Chloride (Cl) 0,5 %
 Sulphate (SO₄) 0,01 %

Metals by ICP [mg/Kg (ppm)]

As 0,5	Cr 10	Mn 10
Bi 5	Cu 10	Ni 10
Ca 200	Fe 10	Pb 10
Cd 10	Hg 0,5	Sb 0,5
Co 10	K 200	Se 0,5
		Zn 10

Order code	Package	Units/Box st.
123314.1606	25 g	6
123314.1608	100 g	6

Sodium Borohydride, 96% PS

NaH.B

M: 37,83 CAS: 16940-66-2 EINECS: 241-004-4 NC: 2850 00 20 UN: 1426

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 412

Signal Word: Danger



H261-H301-H314

SPECIFICATIONS:

Minimum assay (Iodom.) 96 %

Order code	Package	Units/Box st.
163314.1606	25 g	6
163314.1608	100 g	6

Sodium Bromate PRS

NaBrO₃

M: 150,90 CAS: 7789-38-0 EINECS: 232-160-4 NC: 2829 90 40 UN: 1494

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H271-H319-H335

SPECIFICATIONS:

Assay (Iodom.) 99 %
 pH of 5% solution 5,0-9,0
 Insoluble matter in H₂O 0,025 %
 Acidity (as HCl) 0,005 %
 Alkalinity (as NaOH) 0,005 %
 Nitrogen compounds (as N) 0,003 %
 Bromide (Br) 0,05 %
 Sulphate (SO₄) 0,05 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141645.1210	500 g	6
141645.1211	1000 g	6
141645.1214	5 kg	4

Sodium Bromide (Reag. USP) PA-ACS

NaBr

M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (corrected) (Arg.) 99,0 %
 pH of 5% solution 5,5-7,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,0005 %
 Bromate (BrO₃) 0,001 %
 Chloride (Cl) 0,2 %
 Sulphate (SO₄) 0,002 %
 Iodide (I) 0,001 %
 Heavy metals (as Pb) 0,0005 %
 As 0,0002 %
 Ba 0,002 %
 Ca 0,002 %
 Cu 0,0005 %
 Fe 0,0003 %
 K 0,1 %
 Mg 0,001 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
131646.1210	500 g	6

Sodium Bromide PA

NaBr

M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00

SPECIFICATIONS:

Minimum assay (Arg.) 99 %
 pH of 5% solution 5,0-8,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,005 %
 Bromate (BrO₃) p/t
 Chloride (Cl) 0,2 %
 Sulphate (SO₄) 0,005 %
 Iodide (I) 0,005 %
 As 0,0002 %
 Ba 0,005 %
 Ca 0,005 %
 Cu 0,001 %
 Fe 0,001 %
 K 0,2 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
121646.1210	500 g	6
121646.1211	1000 g	6
121646.1214	5 kg	4

Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX

NaBr
M: 102,90 CAS: 7647-15-6 EINECS: 231-599-9 NC: 2827 51 00
SPECIFICATIONS:
 Assay (Arg.) calc. a.d.s. 98,0-100,5 %
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 5,0-8,8

MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 105°C 3,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity or alkalinity p/t.
 Nitrogen compounds (as N) 0,01 %
 Bromate (BrO₃) p/t.
 Chloride (Cl) 0,3 %
 Sulphate (SO₄) 0,01 %
 Iodide (I) p/t.
 Magnesium and alkaline-earth metals (as Ca) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,0002 %
 Ba p/t.
 Ca 0,005 %
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141646.1210	500 g	6
141646.1211	1000 g	6
141646.1214	5 kg	4

Sodium 1-Butanesulphonate

(see 1-Butane Sulphonic Acid Sodium Salt)

Sodium Cacodylate

(see Cacodylic Acid Sodium Salt 3-hydrate)

Sodium Carbonate anhydrous EQP-ACS-ISO

Primary Chemical Matter
 Na₂CO₃
M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (Acidim) after dried at 120°C. 2 h 99,95-100,05 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Reducing substances I₂ 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Sulphur compounds (as SO₄) 0,003 %
 Chloride (Cl) 0,001 %
 Phosphate (PO₄) 0,001 %
 Silicate (as SiO₂) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 Al 0,001 %
 As 0,0001 %
 Ca 0,005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,005 %
 Mg 0,002 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
241648.1521	10 x 1,5 g	6
241648.1608	100 g	6

Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO

Na₂CO₃
M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Minimum assay (Acidim.) after dried at 285°C 99,8 %
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Loss on drying at 285°C 1,0 %
 Reducing substances I₂ 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Sulphur compounds (as SO₄) 0,003 %
 Chloride (Cl) 0,001 %
 Phosphate (PO₄) 0,001 %
 Silicate (as SiO₂) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 Al 0,001 %
 As 0,0001 %
 Ca 0,005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,005 %
 Mg 0,002 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
131648.1210	500 g	6
131648.1211	1000 g	6
131648.0914	5 kg	4
131648.0416	25 kg	

Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

Na₂CO₃
M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (Acidim.) calc. a.d.s. 99,5-100,5 %
 Identity according to Pharmacopoeias p/t.
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 300°C 0,5 %
 Nitrogen compounds (as N) 0,005 %
 Sulphate (SO₄) 0,025 %
 Alkaline hydroxides and hydrogen carbonates p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,01 %
 Phosphate (PO₄) 0,005 %
 Heavy metals (as Pb) 0,001 %
 As 0,0003 %
 Ca 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 K 0,05 %
 Mg 0,01 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141648.1210	500 g	6
141648.1210	500 g	6
141648.1211	1000 g	6
141648.0914	5 kg	
141648.0416	25 kg	

Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO

Na₂CO₃
M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00
Signal Word: Warning

H319
SPECIFICATIONS:
 Assay (as Na₂CO₃) after drying 99,5-100,5 %
 Loss on drying, not more than 1 %
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 4 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201648.0914	5 kg	
201648.0416	25 kg	

Sodium Carbonate 1-hydrate PA

Na₂CO₃·H₂O

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.).....99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,01 %
 Loss on drying at 150°C.....13,0-15,0 %
 Precipitated by NH₄OH.....0,01 %
 Reducing substances I₂ (as I).....0,005 %
 Nitrogen compounds (as N).....0,001 %
 Sulphur compounds (as SO₄).....0,004 %
 Chloride (Cl).....0,002 %
 Phosphate (PO₄).....0,0005 %
 Silicate (as SiO₂).....0,005 %
 Heavy metals (as Pb).....0,0005 %
 Al.....0,001 %
 As.....0,0001 %
 Ca.....0,01 %
 Cu.....0,0005 %
 Fe.....0,0005 %
 K.....0,02 %
 Mg.....0,01 %
 Ni.....0,0005 %
 Pb.....0,0005 %

Order code	Package	Units/Box st.
122032.1210	500 g	6
122032.1211	1000 g	6
122032.0416	25 kg	

Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

Na₂CO₃·H₂O

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s.....99,5-100,5%
 Identity according to Pharmacopoeias.....p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....p/t.
 Insoluble matter in H₂O.....0,025 %
 Loss on drying at 105°C.....12,0-15,0 %
 Nitrogen compounds (as N).....0,005 %
 Alkaline hydroxides and hydrogen carbonates.....p/t.
 Residual solvents (Ph.Eur./USP).....p/t
 Chloride (Cl).....0,01 %
 Phosphate (PO₄).....0,005 %
 Sulphate (SO₄).....0,025 %
 Heavy metals (as Pb).....0,001 %
 As.....0,0001 %
 Ca.....0,05 %
 Cu.....0,001 %
 Fe.....0,001 %
 K.....0,05 %
 Mg.....0,02 %
 Ni.....0,001 %
 Pb.....0,001 %

Order code	Package	Units/Box st.
142032.1210	500 g	6
142032.1211	1000 g	6
142032.0914	5 kg	
142032.0416	25 kg	

Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO

Na₂CO₃·H₂O

M: 124,00 CAS: 5968-11-6 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as Na₂CO₃) after drying.....99,5-100,5%
 Loss on drying.....12,0-15,0 %
 Arsenic, not more than.....3 ppm
 Lead, not more than.....4 ppm
 Mercury, not more than.....1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
202032.0914	5 kg	
202032.0416	25 kg	

Sodium Carbonate 10-hydrate PA-ISO

Na₂CO₃·10H₂O

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.).....99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
 Precipitated by NH₄OH.....0,01 %
 Reducing substances I₂.....0,005 %
 Nitrogen compounds (as N).....0,0005 %
 Sulphur compounds (as SO₄).....0,003 %
 Chloride (Cl).....0,001 %
 Phosphate (PO₄).....0,001 %
 Silicate (as SiO₂).....0,003 %
 Heavy metals (as Pb).....0,0005 %
 Al.....0,0005 %
 As.....0,0001 %
 Ca.....0,003 %
 Cu.....0,0005 %
 Fe.....0,0003 %
 K.....0,005 %
 Mg.....0,0003 %
 Ni.....0,0005 %
 Pb.....0,0005 %

Order code	Package	Units/Box st.
131647.1210	500 g	6
131647.1211	1000 g	6
131647.0914	5 kg	4
131647.0416	25 kg	

Sodium Carbonate 10-hydrate PRS

Na₂CO₃·10H₂O

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.).....98-102 %
 Insoluble matter in H₂O.....0,025 %
 Nitrogen compounds (as N).....0,002 %
 Sulphur compounds (as SO₄).....0,01 %
 Chloride (Cl).....0,005 %
 Phosphate (PO₄).....0,002 %
 Heavy metals (as Pb).....0,002 %
 As.....0,0001 %
 Ca.....0,01 %
 Cu.....0,001 %
 Fe.....0,001 %
 K.....0,05 %
 Mg.....0,01 %
 Ni.....0,001 %
 Pb.....0,001 %

Order code	Package	Units/Box st.
141647.1210	500 g	6
141647.1211	1000 g	6
141647.0914	5 kg	
141647.0416	25 kg	

Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO

Na₂CO₃·10H₂O

M: 286,14 CAS: 6132-02-1 EINECS: 207-838-8 NC: 2836 20 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as Na₂CO₃) after drying.....99,5-100,5%
 Loss on drying.....55,0-65,0 %
 Arsenic, not more than.....3 ppm
 Lead, not more than.....4 ppm
 Mercury, not more than.....1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201647.0914	5 kg	
201647.0416	25 kg	

Sodium Carbonate 0,5 mol/l (1N) SV

Indicator: Bromophenol Blue

Na₂CO₃

M: 105,99 CAS: 497-19-8 EINECS: 207-838-8 NC: 2836 20 00

1l-1,048kg 1kg-0,954l

SPECIFICATIONS:

Titer.....1,000±0,001

Order code	Package	Units/Box st.
181649.1211	1000 ml	6

Sodium Carbonate-Potassium Carbonate

(see Potassium Carbonate-Sodium Carbonate anhydrous)

Sodium Carboxymethylcellulose

(see Carboxymethylcellulose Sodium Salt)

Sodium Chlorate PA-ACS

NaClO₃

M: 106,44 CAS: 7775-09-9 EINECS: 231-887-4 NC: 2829 11 00 UN: 1495

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512

Signal Word: Danger



H411-H271-H302

SPECIFICATIONS:

Minimum assay (Perm.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Bromate (BrO₃) 0,015 %
 Chloride (Cl) 0,002 %
 Sulphate (SO₄) 0,001 %
 Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Ni 5
Al 5	Cu 5	Pb 3
As 0,5	Fe 5	Sr 5
Ba 5	K 100	Zn 5
Bi 5	Li 20	Zr 5
Ca 20	Mg 20	
Cd 5	Mn 5	
Co 5	Mo 5	

Order code	Package	Units/Box st.
131658.1210	500 g	6
131658.1214	5 kg	4

Sodium Chlorate PRS

NaClO₃

M: 106,44 CAS: 7775-09-9 EINECS: 231-887-4 NC: 2829 11 00 UN: 1495

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 509 CAO: 512

Signal Word: Danger



H411-H271-H302

SPECIFICATIONS:

Assay (Perm.) 99 %
 Insoluble matter in H₂O 0,02 %
 Nitrogen compounds (as N) 0,005 %
 Bromate (BrO₃) 0,05 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,002 %
 As 0,0002 %
 Ca 0,01 %
 Cu 0,001 %
 Fe 0,002 %
 Mg 0,01 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141658.1210	500 g	6
141658.1211	1000 g	6
141658.1214	5 kg	4
141658.0416	25 kg	

Sodium Chloride EQP-ACS-ISO

Primary Chemical Matter

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) after drying at 110°C 99,95-100,05 %
 pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Bromide (Br) 0,01 %
 Chlorate and nitrate (as NO₃) 0,003 %
 Hexacyanoferrate(II) and (III) [Fe(CN)₆] 0,0001 %
 Phosphate (PO₄) 0,0005 %
 Sulphate (SO₄) 0,001 %
 Iodide(I) 0,002 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00004 %
 Ba 0,00005 %
 Ca 0,002 %
 Cu 0,0002 %
 Fe 0,0002 %
 K 0,005 %
 Mg 0,001 %
 Ni 0,0005 %
 Pb 0,0002 %

Order code	Package	Units/Box st.
241659.1521	10 x 1,5 g	6
241659.1608	100 g	6

Sodium Chloride (max. 0,000005% Hg)

PA-ACS-ISO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.) 99,5 %
 pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Loss on drying at 105°C 0,2 %
 Nitrogen compounds (as N) 0,001 %
 Bromide (Br) 0,01 %
 Chlorate and nitrate (as NO₃) 0,003 %
 Hexacyanoferrate(II) and (III) [Fe(CN)₆] 0,0001 %
 Phosphate (PO₄) 0,0005 %
 Sulphate (SO₄) 0,001 %
 Iodide(I) 0,002 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00004 %
 Ba 0,0005 %
 Ca 0,002 %
 Cu 0,0002 %
 Fe 0,0002 %
 Hg 0,000005 %
 K 0,005 %
 Mg 0,001 %
 Ni 0,0005 %
 Pb 0,0002 %

Order code	Package	Units/Box st.
471659.1209	250 g	6

Sodium Chloride PA-ACS-ISO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.) 99,5 %
 pH of 5% solution 5,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Loss on drying at 105°C 0,2 %
 Nitrogen compounds (as N) 0,001 %
 Bromide (Br) 0,01 %
 Chlorate and nitrate (as NO₃) 0,003 %
 Hexacyanoferrate(II) and (III) [Fe(CN)₆] 0,0001 %
 Phosphate (PO₄) 0,0005 %
 Sulphate (SO₄) 0,001 %
 Iodide(I) 0,002 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00004 %
 Ba 0,0005 %
 Ca 0,002 %
 Cu 0,0002 %
 Fe 0,0002 %
 K 0,005 %
 Mg 0,001 %
 Ni 0,0005 %
 Pb 0,0002 %

Order code	Package	Units/Box st.
131659.1210	500 g	6
131659.1211	1000 g	6
131659.1214	5 kg	4
131659.0416	25 kg	

Sodium Chloride PA

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Loss on drying at 105°C 0,2 %
 Nitrogen compounds (as N) 0,002 %
 Bromide (Br) 0,01 %
 Chlorate and nitrate (as NO₃) 0,005 %
 Hexacyanoferrate(II) p/t
 Phosphate (PO₄) 0,001 %
 Sulphate (SO₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 As 0,0001 %
 Ca 0,005 %
 Cu 0,0005 %
 Fe 0,0002 %
 K 0,01 %
 Mg 0,002 %
 Ni 0,0005 %
 Pb 0,0002 %

Order code	Package	Units/Box st.
121659.1210	500 g	6
121659.1211	1000 g	6
121659.1214	5 kg	4
121659.0416	25 kg	

S

Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) calc. a.d.s. 99,0-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Loss on drying at 105°C 0,5 %
Residual solvents (Ph.Eur./USP) p/t.
Acidity and alkalinity p/t.
Nitrogen compounds (as N) 0,005 %
Bromide (Br) 0,005 %
Chlorate and nitrate (as NO₃) 0,01 %
Hexacyanoferrate(II) p/t.
Phosphate (PO₄) 0,001 %
Nitrite (NO₂) p/t.
Sulphate (SO₄) 0,01 %
Iodide p/t.
Calcium, Magnesium and alkaline-earth metals (as Ca) 0,005 %
Heavy metals (as Pb) 0,0005 %
Al 0,00002 %
As 0,0001 %
Ba p/t.
Fe 0,0002 %
K 0,05 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141659.1210	500 g	6
141659.1211	1000 g	6
141659.1214	5 kg	4
141659.0416	25 kg	

Sodium Chloride (F.C.C.) ADITIO

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (as NaCl) after drying 99,0-100,5%
Appearance p/t

Identity:

Chloride p/t.
Sodium p/t.
Arsenic (as As), not more than 1 ppm
Calcium and Magnesium, not more than 0,35 %
Heavy metals (as Pb), not more than 2 ppm
Loss on drying, not more than 0,5 %
Specifications F.C.C. 6
"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201659.1214	5 kg	4
201659.0416	25 kg	

Sodium Chloride QP

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) 99,0 %
Insoluble matter in H₂O 0,05 %
As 0,0001 %
Fe 0,005 %

Order code	Package	Units/Box st.
211659.1214	5 kg	4
211659.0416	25 kg	

Sodium Chloride ASTM B117-09 RE

for saline spray (fog)

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Minimum assay (Arg.) 99,8 %

MAXIMUM LIMIT OF IMPURITIES

Total impurities 0,2 %
Halides (Bromide, Fluoride, Iodide) 0,1 %
Anti-caking Agents 0,0 %
Cu 0,00003 %
Ni 0,001 %
According to ASTM B117-09, equivalent to UNE-EN ISO 9227:2006

Order code	Package	Units/Box st.
171659.1211	1000 g	6

Sodium Chloride coarse salt QP

for freezer mixtures

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

SPECIFICATIONS:

Assay (Arg.) 98 %

Order code	Package	Units/Box st.
211939.1211	1000 g	6
211939.1214	5 kg	4
211939.0416	25 kg	

SODIUM CHLORIDE SOLUTIONS

Sodium Chloride 0,1 mol/l (0,1N) SV

Indicator: Potassium Chromate

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

1l~1,004kg 1kg~0,996l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181661.1211	1000 ml	6

Sodium Chloride 1 mol/l (1N) SV

Indicator: Potassium Chromate

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 99

1l~1,037kg 1kg~0,964l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
184770.1211	1000 ml	6

Sodium Chloride solution ASTM B117-09 RE

for saline spray (fog)

NaCl

M: 58,44 CAS: 7647-14-5 EINECS: 231-598-3 NC: 2501 00 10

1l~1,035kg 1kg~0,966l

SPECIFICATIONS:

Assay (Arg.) 4-6 %
pH at 23±3 /35°C 6,5-7,2

MAXIMUM LIMIT OF IMPURITIES

Total impurities 0,3 %
Halures (Bromide, Fluoride, Iodide) 0,1 %
Anti-caking agents 0,0 %
Cu 0,00003 %
Ni 0,001 %

This product has been manufactured with Sodium Chloride and Water Type IV which passes the ASTM B117-09 and ASTM D1193-99 specifications, respectively.

Order code	Package	Units/Box st.
175305.1315	10 l	(*)

Sodium Chloride for deliming

(see DERQUIM Sodium Chloride)

Sodium Chlorite solution 25% w/w PS

NaClO₂

M: 90,44 CAS: 7758-19-2 EINECS: 231-836-6 NC: 2828 90 00 UN: 1908

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

Signal Word: Warning



H332-H312-H302-EUH032

1l~1,21kg 1kg~0,82l

SPECIFICATIONS:

Minimum assay (Iodom) 24 %*

*At the moment of the batch analysis

Order code	Package	Units/Box st.
161977.1211	1000 ml	6

Sodium N-Chlorotoluene-4-Sulphonamide

(see Chloramine T 3-hydrate)

Sodium Cholate

(see Cholic Acid Sodium Salt)

Sodium Chromate PA

Na₂CrO₄

M: 161,97 CAS: 7775-11-3 EINECS: 231-889-5 NC: 2841 50 00 UN: 3288

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
pH of 5% solution 8,6-9,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Alkalinity (as NaOH) 0,04 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,05 %
Al 0,003 %
Ca 0,005 %
Cu 0,001 %
Fe 0,002 %
K 0,02 %
Pb 0,005 %

Order code	Package	Units/Box st.
121664.1210	500 g	6
121664.1211	1000 g	6
121664.1214	5 kg	4
121664.0416	25 kg	

Sodium Chromate 4-hydrate PRS

Na₂CrO₄·4H₂O

M: 234,03 CAS: 10034-82-9 EINECS: 231-889-5 NC: 2841 50 00 UN: 3288

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H350-H340-H360FD-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.) 99 %
Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,02 %
Al 0,005 %
Ca 0,005 %
Cu 0,001 %
Fe 0,002 %

Order code	Package	Units/Box st.
145224.1210	500 g	6
145224.1211	1000 g	6
145224.1214	5 kg	4
145224.0416	25 kg	

Sodium Citrate

(see tri-Sodium Citrate)

Sodium Citrate mono-Basic

(see Sodium di-Hydrogen Citrate)

Sodium Citrate di-Basic

(see di-Sodium Hydrogen Citrate 1 1/2-hydrate)

Sodium Citrate tri-Basic

(see tri-Sodium Citrate)

tri-Sodium Citrate 2-hydrate PA-ACS

C₆H₅Na₃O₇·2H₂O

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Darkened substances by H₂SO₄ p/t.
Reducing substances p/t.
Chloride (Cl) 0,003 %
Phosphate (PO₄) 0,001 %
Oxalate (C₂O₄) 0,01 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00004 %
Ca 0,005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,01 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131655.1210	500 g	6
131655.1211	1000 g	6
131655.1214	5 kg	4
131655.0416	25 kg	

tri-Sodium Citrate 2-hydrate

(RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₆H₅Na₃O₇·2H₂O

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.a.s 99,0-100,5 %
Identity according to Pharmacopoeias p/t.
pH of 5% solution 7,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,025 %
Residual solvents (Ph.Eur./USP) p/t.
Darkened substances by H₂SO₄ p/t.
Acidity or alkalinity p/t.
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,005 %
Oxalate (C₂O₄) 0,03 %
Sulphate (SO₄) 0,015 %
Tartrate p/t.
Ammonium (NH₄) 0,002 %
Heavy metals (as Pb) 0,001 %
Water (H₂O) 11,0-13,0 %
As 0,0001 %
Cu 0,0005 %
Fe 0,001 %
K 0,1 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141655.1210	500 g	6
141655.1211	1000 g	6
141655.1214	5 kg	4
141655.0416	25 kg	

tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.)

ADITIO

C₆H₅Na₃O₇·2H₂O

M: 294,10 CAS: 6132-04-3 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as C₆H₅Na₃O₇) calc. after drying 99,0-100,5 %
Appearance p/t.
Identity:
Citrate p/t.
Sodium p/t.
Alkalinity p/t.
Arsenic (as As), not more than 1 ppm
Water 10,0-13,0 %
Loss on drying, not more than 13,5 %
Oxalate (as oxalic acid) a.a.s., not more than 0,01 %
pH of 5% 7,5-9,0
Lead, not more than 1 ppm
Heavy metals (as Pb), not more than 5 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201655.1214	5 kg	4
201655.0416	25 kg	

tri-Sodium Citrate 5,5-hydrate PA

Na₃C₆H₅O₇·5,5H₂O

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 99,0 %
pH of 5% solution 8,0-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Darkened substances by H₂SO₄ p/t.
Reducing substances p/t.
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,003 %
Oxalate (C₂O₄) 0,01 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,001 %
As 0,00004 %
Ca 0,005 %
Cu 0,00005 %
Fe 0,0002 %
K 0,01 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
121656.1211	1000 g	6
121656.0914	5 kg	
121656.0416	25 kg	

tri-Sodium Citrate 5,5-hydrate PRS

Na₃C₆H₅O₇·5,5H₂O

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....	98 %
pH of 5% solution.....	8,0-9,3
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄).....	0,015 %
Ammonium (NH ₄).....	0,005 %
As.....	0,0001 %
Cu.....	0,0005 %
Fe.....	0,001 %
K.....	0,1 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
141656.1211	1000 g	6
141656.0914	5 kg	
141656.0416	25 kg	

tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO

Na₃C₆H₅O₇·5,5H₂O

M: 357,15 CAS: 6858-44-2 EINECS: 200-675-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as CaH ₂ Na ₂ O ₇) after drying.....	99,0-100,5%
Alkalinity.....	p/t
Arsenic (as As), not more than.....	1 ppm
Water.....	25-30 %
Loss on drying, not more than.....	30,3 %
Oxalate (as Oxalic Acid) a.a.s., not more than.....	0,01 %
pH of 5%.....	7,5-9,0
Lead, not more than.....	1 ppm
Heavy metals (as Pb), not more than.....	5 ppm
Mercury (Hg), not more than.....	1 ppm
Specifications Dir. 2008/84/CE	

Order code	Package	Units/Box st.
201656.0914	5 kg	

Sodium Citrate solution 3,8% DC

for hematology, settling rate

CAS: 68-04-2 EINECS: 200-675-3 NC: 2918 15 00

1l-1,022kg 1kg~0,978l

Composition:

tri-Sodium Citrate 2-hydrate.....	3,8 g
Water s.q.m.....	100 ml

Order code	Package	Units/Box st.
251355.1210	500 ml	6
251355.1211	1000 ml	6

Sodium Cobaltinitrite

(see Sodium Hexanitrocobaltate(III))

Sodium Cobalt(III) Nitrite

(see Sodium Hexanitrocobaltate(III))

Sodium Cyanide PA-ACS

NaCN

M: 49,01 CAS: 143-33-9 EINECS: 205-599-4 NC: 2837 11 00 UN: 1689

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Minimum assay (Arg.).....	95,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Chloride (Cl).....	0,02 %
Phosphate (PO ₄).....	0,02 %
Total Iron (as Fe).....	0,005 %
Sulphate (SO ₄).....	0,05 %
Sulphide (S).....	0,003 %
Thiocyanate (SCN).....	0,02 %
Cu.....	0,001 %
K.....	0,1 %
Pb.....	0,0005 %
Zn.....	0,005 %

Order code	Package	Units/Box st.
131652.1209	250 g	6
131652.1211	1000 g	6

Sodium Cyanide PRS

NaCN

M: 49,01 CAS: 143-33-9 EINECS: 205-599-4 NC: 2837 11 00 UN: 1689

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Arg.).....	95 %
Insoluble matter in H ₂ O.....	0,02 %
Chloride (Cl).....	0,025 %
Phosphate (PO ₄).....	0,05 %
Total Iron (as Fe).....	0,03 %
Sulphate (SO ₄).....	0,05 %
Sulphide (S).....	0,005 %
Thiocyanate (SCN).....	0,05 %
Cu.....	0,002 %
K.....	0,2 %
Pb.....	0,001 %
Zn.....	0,02 %

Order code	Package	Units/Box st.
141652.1209	250 g	6
141652.1211	1000 g	6
141652.1214	5 kg	
141652.0716	25 kg	

di-Sodium penta-Cyanonitrosylferrate(III)

(see Sodium Pentacyanonitrosylferrate(III) 2-hydrate)

Sodium Diacetate

(see Sodium Hydrogen di-Acetate)

Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS

Na₂Cr₂O₇·2H₂O

M: 298,00 CAS: 7789-12-0 EINECS: 234-190-3 NC: 2841 30 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.).....	99,5-100,5%
pH of 5% solution.....	3,6-3,9

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,003 %
Chloride (Cl).....	0,002 %
Sulphate (SO ₄).....	0,01 %
Al.....	0,001 %
Ca.....	0,002 %
Cu.....	0,001 %
Fe.....	0,002 %
K.....	0,01 %
Mg.....	0,005 %
Pb.....	0,005 %

Order code	Package	Units/Box st.
131666.1210	500 g	6
131666.1211	1000 g	6
131666.1214	5 kg	4
131666.0416	25 kg	

Sodium Dichromate 2-hydrate PRS

Na₂Cr₂O₇·2H₂O

M: 298,00 CAS: 7789-12-0 EINECS: 234-190-3 NC: 2841 30 00 UN: 3288

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H350-H340-H360FD-H272-H312-H301-H330-H314-H334-H317-H372-H410

SPECIFICATIONS:

Assay (Iodom.).....	98,5 %
pH of 5% solution.....	3,5-3,9
Insoluble matter in H ₂ O.....	0,01 %
Loss on drying at 120°C.....	<12,5 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,1 %
Cu.....	0,002 %
Fe.....	0,005 %
Pb.....	0,01 %

Order code	Package	Units/Box st.
141666.1210	500 g	6
141666.1211	1000 g	6
141666.1214	5 kg	4
141666.0416	25 kg	

Sodium 5,5-Diethylbarbiturate
(Reag. USP, Ph. Eur.) PA

$C_8H_{11}N_2NaO_3$
M: 206,18 CAS: 144-02-5 EINECS: 205-613-9 NC: 2933 54 00
Signal Word: Warning

 H302
SPECIFICATIONS:
Minimum assay (Acidim.) calc. a.d.s. 98,5 %
Identity IR p/t.
pH of 0,1 mol/l solution 9,0-10,7
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O p/t.
Loss on drying at 130°C 1,0 %
Neutral and basic substances p/t.
Heavy metals (as Pb) 0,002 %

Order code	Package	Units/Box st.
121667.1208	100 g 	6
121667.1209	250 g 	6
121667.1211	1000 g 	6
121667.0914	5 kg 	

Sodium 5,5-Diethylbarbiturate (Ph. Helv.)
PRS-CODEX

$C_8H_{11}N_2NaO_3$
M: 206,18 CAS: 144-02-5 EINECS: 205-613-9 NC: 2933 54 00
Signal Word: Warning

 H302
SPECIFICATIONS:
Assay (Acidim.) calc. a.d.s. 98,5-102,0 %
Identity according to Pharmacopoeias p/t.
pH of 10% solution <11,0
T.L.C p/t.
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Loss on drying at 130°C 1,0 %
Residual solvents (Ph.Eur./USP) p/t.
Neutral and basic substances p/t.
Heavy metals (as Pb) 0,002 %

Order code	Package	Units/Box st.
141667.0914	5 kg 	

Sodium Diethyldithiocarbamate 3-hydrate
(Reag. Ph. Eur.) PA-ACS

$NaSCSN(C_2H_5)_2 \cdot 3H_2O$
M: 225,31 CAS: 20624-25-3 EINECS: 205-710-6 NC: 2930 20 00
Signal Word: Warning

 H302
SPECIFICATIONS:
Minimum assay (Perchl. Ac.) 99,0 %
Identity IR p/t.
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,01 %
Residue on ignition (as Na₂SO₄) 30,5-32,5 %
Sensitivity to Cu p/t.

Order code	Package	Units/Box st.
131668.1208	100 g 	6
131668.1209	250 g 	6

Sodium Dioxide

(see Sodium Peroxide)

Sodium Diphenyl

(see Sodium Biphenyl)

Sodium Diphenylamine-4-Sulphonate

(see 4-(Phenylamino) Benzenesulphonic Acid Sodium Salt)

Sodium Disulphite PA-ACS

$Na_2S_2O_5$
M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00
Signal Word: Danger

  H302-EUH031-H318
SPECIFICATIONS:
Minimum assay (Iodom.) 97,0 %
MAXIMUM LIMIT OF IMPURITIES
Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,002 %
Thiosulphate (S₂O₃) 0,05 %
Heavy metals (as Pb) 0,001 %
As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Al	5	Ga	5	Si	5
Au	5	In	5	Sn	5
Ba	5	Mg	5	Sr	5
Bi	5	Mn	10	Tl	5
Cd	5	Mo	5	Tl	10
Co	5	Ni	10	V	5
Cr	10	Pb	10	Zn	10
Cu	10	Pt	5	Zr	5
Fe	10	Sb	5		

Order code	Package	Units/Box st.
131698.1210	500 g 	6
131698.1211	1000 g 	6
131698.1214	5 kg 	4
131698.0416	25 kg 	

Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.)
PRS-CODEX

$Na_2S_2O_5$
M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00
Signal Word: Danger

  H302-EUH031-H318
SPECIFICATIONS:
Assay (Iodom.)(Na₂S₂O₅) 96,5-100,0 %
Assay (Iodom.)(as SO₂) 65,0-67,4 %
Identity according to Pharmacopoeias p/t.
pH of 5% solution 3,5-5,0
MAXIMUM LIMIT OF IMPURITIES
Appearance of solution p/t.
Insoluble matter in H₂O 0,025 %
Residual solvents (Ph.Eur./USP) p/t.
Chloride (Cl) 0,02 %
Thiosulphate (S₂O₃) 0,05 %
Thiosulphate (BP) p/t.
Heavy metals (as Pb) 0,002 %
As 0,0003 %
Fe 0,002 %
Pb 0,001 %

Order code	Package	Units/Box st.
141698.1210	500 g 	6
141698.1211	1000 g 	6
141698.1214	5 kg 	4
141698.0416	25 kg 	

Sodium Disulphite (E-223, F.C.C.) ADITIO

$Na_2S_2O_5$
M: 190,10 CAS: 7681-57-4 EINECS: 231-673-0 NC: 2832 10 00
Signal Word: Danger

  H302-EUH031-H318
SPECIFICATIONS:
Assay (as Na₂S₂O₅) 95,0-100,5 %
Assay (as SO₂), not less than 64,0 %
pH of 10% solution 4,0-5,5
Arsenic (as As), not more than 3 ppm
Thiosulphate, not more than 0,05 %
Heavy metals (as Pb), not more than 0,001 %
Iron, not more than 10 ppm
Selenium, not more than 5 ppm
Lead, not more than 2 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201698.1214	5 kg 	4
201698.0416	25 kg 	

Sodium Dithionite QP

Na₂S₂O₄

M: 174,11 CAS: 7775-14-6 EINECS: 231-890-0 NC: 2831 10 00 UN: 1384
IMDG: 4.2/II ADR: 4.2/II IATA: 4.2/II PAX: 416 CAO: 418

Signal Word: Danger



EUH031-H251-H302

SPECIFICATIONS:

Assay (Iodom).....	85 %*
Insoluble matter in H ₂ O.....	p/t.
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
211685.1610	500 g	6
211685.1611	1000 g	6
211685.1214	5 kg	4
211685.0716	25 kg	

Sodium Dodecyl Sulphate (HPLC) PAI

for ion pair chromatography

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay.....	99,0 %
C ₁₂ compounds minimum (G.C.).....	99,0 %
Identity.....	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Water (H ₂ O).....	1 %
UV Spectrum 3% aqueous sol. (1 cm cell; Ref.: water)	

λ (nm)	220	230	240	250-350
A (AU)	0,155	0,046	0,027	0,018
T (%)	70	90	94	96

Order code	Package	Units/Box st.
362363.1606	25 g	6

Sodium Dodecyl Sulphate PA-ACS

for determination of surfactants

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay a.d.s.....	99,0 %
Minimum C ₁₂ compounds (G.C.).....	99 %
Identity.....	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Loss on drying at 105°C.....	1,0 %
ABS λ220-350 nm. 3% sol. in H ₂ O.....	0,1
Alkalinity.....	0,06 meq/g
Unsulphated Alcohols.....	1 %
Water (H ₂ O).....	1,0 %
Chloride (Cl).....	0,05 %
Heavy metals (as Pb).....	0,0005 %

Order code	Package	Units/Box st.
132363.1207	50 g	6
132363.1209	250 g	6
132363.0914	5 kg	

Sodium Dodecyl Sulphate

(RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Minimum assay.....	85,0 %
Total alcohols minimum.....	59,0 %
Identity according to Pharmacopoeias.....	p/t.

MAXIMUM LIMIT OF IMPURITIES

Alkalinity.....	p/t.
Non-esterified alcohols.....	4,0 %
Sodium Chloride and Sodium Sulphate.....	8,0 %
Heavy metals (as Pb).....	0,002 %
Residual solvents (Ph.Eur./USP).....	p/t.

Order code	Package	Units/Box st.
142363.1209	250 g	6
142363.1211	1000 g	6
142363.0914	5 kg	
142363.0416	25 kg	

Sodium Dodecyl Sulphate (F.C.C.) ADITIO

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

Signal Word: Warning



H302-H319-H315

SPECIFICATIONS:

Assay (Total Alcohols), not less than.....	59,0 %
Alkalinity (as NaOH), not more than.....	0,25 %
Combined Sodium Chloride and Sodium Sulphate, not more than.....	8,0 %
Lead, not more than.....	2 ppm
Unsulphated Alcohols, not more than.....	4,0 %
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
202363.0914	5 kg	

SODIUM DODECYL SULPHATE SOLUTIONS

Sodium Dodecyl Sulphate solution 10% w/v PRS

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

1l~1,012kg 1kg~0,988l

SPECIFICATIONS:

Assay (w/v).....	9,8-10,2 %
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Order code	Package	Units/Box st.
146132.1315	10 l	(*)

Sodium Dodecyl Sulphate 0,004 mol/l SV

for titration of cationic surfactants

C₁₂H₂₅NaO₄S

M: 288,38 CAS: 151-21-3 EINECS: 205-788-1 NC: 3402 11 90

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer.....	1,000±0,001
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Order code	Package	Units/Box st.
182792.1211	1000 ml	6

Sodium Edetate

(see Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate)

(*) Sol-Pack pack with tap

Sodium Fluoride PA-ACS-ISO

NaF
 M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 2826 19 10 UN: 1690
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

 H301-EUH032-H319-H315

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Loss on drying at 150°C 0,2 %
 Acidity 0,025 meq/g
 Alkalinity 0,01 meq/g
 Chloride (Cl) 0,002 %
 Sodium fluorosilicate (NaSiF₆) 0,1 %
 Phosphate (PO₄) 0,001 %
 Sulphate (SO₄) 0,005 %
 Sulphite (SO₃) 0,005 %
 Heavy metals (as Pb) 0,001 %
 Cu 0,0005 %
 Fe 0,002 %
 K 0,01 %
 Ni 0,003 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131675.1210	500 g 	6
131675.1211	1000 g 	6
131675.0914	5 kg 	
131675.0416	25 kg 	

Sodium Fluoride (USP) PRS-CODEX

NaF
 M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 2826 19 10 UN: 1690
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

 H301-EUH032-H319-H315

SPECIFICATIONS:
 Assay (calc. a.d.s.) 98,5-102,0%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 150°C 0,5 %
 Acidity or alkalinity p/t
 Residual solvents (Ph.Eur./USP) p/t
 Chloride (Cl) 0,012 %
 Sodium fluorosilicate (NaSiF₆) p/t
 Phosphate (PO₄) 0,002 %
 Sulphate (SO₄) 0,01 %
 Heavy metals (as Pb) 0,002 %
 Cu 0,002 %
 Fe 0,005 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141675.1210	500 g 	6
141675.1211	1000 g 	6
141675.0914	5 kg 	
141675.0416	25 kg 	

Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX

CH₃NaO₃S.xH₂O
 M: 118,09(anh) CAS: 149-44-0 EINECS: 205-739-4 NC: 2831 10 00
 Signal Word: Warning

 H335

SPECIFICATIONS:
 Assay (Iodom.) (as SO₂) calc. a.a.s. 45,5-54,5 %
 Identity according to Pharmacopoeias p/t.
 pH of 2% solution 9,5-10,5

MAXIMUM LIMIT OF IMPURITIES
 Clarity and appearance of solution p/t.
 Insoluble matter in H₂O 0,05 %
 Loss on drying at 105°C 27,0 %
 Residual solvents (Ph.Eur./USP) p/t.
 Alkalinity 0,35 meq/g
 Sodium sulphite (as Na₂SO₃) calc. a.a.s. 5,0 %
 Sulphide p/t.
 Fe 0,0025 %
 Pb 0,001 %

Order code	Package	Units/Box st.
143289.1209	250 g 	6
143289.1211	1000 g 	6
143289.1214	5 kg 	4

Sodium Formate (Reag. Ph. Eur.) PA-ACS

HCOONa
 M: 68,01 CAS: 141-53-7 EINECS: 205-488-0 NC: 2915 12 00
 Signal Word: Warning

 H319

SPECIFICATIONS:
 Minimum assay (Iodom.) 99,0 %
 pH of 5% solution 7,0-8,5

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Acidity (as HCOOH) 0,05 %
 Chloride (Cl) 0,001 %
 Phosphate (PO₄) 0,005 %
 Oxalate p/t.
 Sulphate (SO₄) 0,001 %
 Heavy metals (as Pb) 0,0005 %
 Ca 0,005 %
 Cu 0,001 %
 Fe 0,0005 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131676.1210	500 g 	6
131676.1211	1000 g 	6
131676.0914	5 kg 	
131676.0416	25 kg 	

Sodium Formate PRS

HCOONa
 M: 68,01 CAS: 141-53-7 EINECS: 205-488-0 NC: 2915 12 00
 Signal Word: Warning

 H319

SPECIFICATIONS:
 Assay (Iodom.) 98 %
 pH of 5% solution 7,0-8,5
 Insoluble matter in H₂O 0,025 %
 Acidity (as HCOOH) 0,1 %
 Chloride (Cl) 0,005 %
 Phosphate (PO₄) 0,01 %
 Sulphate (SO₄) 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141676.1210	500 g 	6
141676.1211	1000 g 	6
141676.0914	5 kg 	
141676.0416	25 kg 	

Sodium D-Gluconate (USP) PRS-CODEX

C₆H₁₁NaO₇
 M: 218,14 CAS: 527-07-1 EINECS: 208-407-7 NC: 2918 16 00

SPECIFICATIONS:
 Assay (Perchl. Ac.) 98,0-102,0%
 Identity according to Pharmacopoeias p/t.
 pH of 10% solution 6,8-7,5
 Specific Rotation [α]_D²⁰ c=10 (in H₂O) +11,5 to +12,5°

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O p/t.
 Loss on drying at 105°C 0,3 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,07 %
 Sulphate (SO₄) 0,05 %
 Reducing substances (as Glucose) 0,5 %
 Heavy metals (as Pb) 0,002 %
 As 0,0003 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142983.1211	1000 g 	6
142983.0914	5 kg 	
142983.0416	25 kg 	

Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX

$\text{NaCOOHCOONH}_2 \cdot \text{CH}(\text{CH}_3)_2 \cdot \text{H}_2\text{O}$

M: 187,13 CAS: 6106-04-3 EINECS: 205-538-1 NC: 2922 42 00

SPECIFICATIONS:

Assay (Perchl. Ac.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t.
 Specific rotation $[\alpha]^{20}_D$ c=10 (in HCl 2 mol/l) +24,8 to +25,3°
 pH of 5% solution 6,7-7,2

MAXIMUM LIMIT OF IMPURITIES

Clarity and colour of solution p/t.
 Insoluble matter in H_2O 0,05 %
 Loss on drying at 100°C 0,5 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,2 %
 Sulphate (SO_4) 0,05 %
 Heavy metals (as Pb) 0,001 %
 As 0,00015 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141683.1210	500 g	6
141683.0914	5 kg	

Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO

$\text{NaCOOHCOONH}_2 \cdot \text{CH}(\text{CH}_3)_2 \cdot \text{H}_2\text{O}$

M: 187,13 CAS: 6106-04-3 EINECS: 205-538-1 NC: 2922 42 00

SPECIFICATIONS:

Assay (as $\text{C}_5\text{H}_9\text{NNaO}_4 \cdot \text{H}_2\text{O}$) calc. a.d.s 99,0-101,0 %
 pH of 5% solution 6,7-7,2
 Lead, not more than 2 ppm
 Loss on drying, not more than 0,5 %
 Chloride, not more than 0,2 %
 Specific rotation $[\alpha]^{20}_D$ calc. a.a.s +24,8 to +25,3°
 Insoluble matter in H_2O p/t.
 Carboxylic pyrrolidone acid, not more than 0,2 %
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201683.1211	1 kg	6
201683.0914	5 kg	

Sodium 1-Heptanesulphonate

(see 1-Heptane Sulphonic Acid Sodium Salt)

Sodium Hexafluorosilicate QP

Na_2SiF_6

M: 188,06 CAS: 16893-85-9 EINECS: 240-934-8 NC: 2826 90 80 UN: 2674

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger

H331-H311-H301

SPECIFICATIONS:

Assay 98 %
 Loss on drying at 110°C 1 %

Order code	Package	Units/Box st.
212012.1214	5 kg	4

Sodium 1-Hexanesulphonate

(see 1-Hexane Sulphonic Acid Sodium Salt)

Sodium Hexanitrocobaltate(III) PA-ACS

$\text{Na}_3\text{Co}(\text{NO}_2)_6$

M: 403,94 CAS: 13600-98-1 EINECS: 237-077-7 NC: 2842 90 80 UN: 1479

IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger

H350i-H272

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in CH_3COOH dil 0,02 %
 Suitability for K determination p/t.
 Chloride (Cl) 0,005 %
 Sulphate (SO_4) 0,01 %
 Fe 0,0005 %
 K 0,01 %

Order code	Package	Units/Box st.
131663.1208	100 g	6
131663.1209	250 g	6
131663.0914	5 kg	

Sodium Hexa meta-Phosphate

(see Sodium Polyphosphate)

Sodium Hydride 60% mineral oil dispersion PS

NaH

M.= 24,00 CAS [7646-69-7] EINECS 231-587-3 NC: 2850 00 20

Signal Word: Danger



H260

SPECIFICATIONS:

Minimum assay 60 %

Order code	Package	Units/Box st.
15A051.1608	100 g	6
15A051.1610	500 g	6

Sodium Hydrogen di-Acetate PRS

$\text{C}_2\text{H}_3\text{NaO}_2$

$\text{CH}_3\text{COONaCH}_3\text{COOH}$

M.= 142,07 CAS [126-96-5] EINECS 204-814-9 NC: 2915 29 00

E -262ii

SPECIFICATIONS:

Assay (Perchl. Ac.) 99-102 %
 Insoluble matter in H_2O 0,01 %
 Chloride (Cl) 0,005 %
 Sulphate (SO_4) 0,005 %
 Cu 0,002 %
 Fe 0,001 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141665.1211	1000g	6

Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO

$\text{C}_2\text{H}_3\text{NaO}_2$

$\text{CH}_3\text{COONaCH}_3\text{COOH}$

M.= 142,07 CAS [126-96-5] EINECS 204-814-9 NC: 2915 29 00

E -262ii

SPECIFICATIONS:

Assay (as CH_3COOH) calc. a.d.s 40,0-41,0 %
 Assay (as CH_3COONa) calc. a.d.s 58,0-60,0 %
 pH of 10% solution 4,5-5,0
 Formic Acid, Formates and other oxidizable substances (as formic acid), not more than 0,1 %
 Arsenic (as As), not more than 3 ppm
 Lead, not more than 2 ppm
 Heavy metals (as Pb), not more than 10 ppm
 Water, not more than 2,0 %
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201665.0914	5 kg	

di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS

$\text{HAsNa}_2\text{O}_4 \cdot 7\text{H}_2\text{O}$

$\text{Na}_2\text{HAsO}_4 \cdot 7\text{H}_2\text{O}$

M.= 312,01 CAS [10048-95-0] EINECS 231-902-4 NC: 2842 90 80

E.C.: 033-005-00-1 RTECS: CG 0900000

Signal Word: Danger



H350-H331-H301-H410

SPECIFICATIONS:

Assay 99,0-102,0%
 pH of 5% solution 8,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,005 %
 Arsenite (as As_2O_3) 0,01 %
 Chloride (Cl) 0,001 %
 Nitrate (NO_3) 0,005 %
 Sulphate (SO_4) 0,01 %
 Heavy metals (as Pb) 0,002 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131635.1210	500 g	6
131635.1214	5 kg	4
131635.0716	25 kg	

di-Sodium Hydrogen Arsenate 7-hydrate PRS

HAsNa₂O₇·7H₂O
 Na₂HAsO₄·7H₂O
 M.: 312,01 CAS [10048-95-0] EINECS 231-902-4 NC: 2842 90 80
 E.C.: 033-005-00-1 RTECS: CG 0900000
 Signal Word: Danger



H350-H331-H301-H410

SPECIFICATIONS:

Assay (Acidim.)	98-102 %
pH of 5% solution	8,5-9,0
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,005 %
Nitrate (NO ₃)	0,025 %
Sulphate (SO ₄)	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141635.1210	500 g	6
141635.1211	1000 g	6
141635.1214	5 kg	4
141635.0716	25 kg	

Sodium Hydrogen Carbonate PA-ACS-ISO

NaHCO₃
 M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (Acidim.) 99,7-100,3 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Reducing substances I ₂ (as I)	0,005 %
Nitrogen compounds (as N)	0,0005 %
Sulphur compounds (as SO ₄)	0,003 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,001 %
Silicate (SiO ₂)	0,005 %
Heavy metals (as Pb)	0,0005 %
As	0,00004 %

Metals by ICP [mg/Kg (ppm)]

Ag	5	Cr	5	Mo	5
Al	5	Cu	5	Ni	5
Ba	5	Fe	5	Pb	5
Bi	5	K	50	Sr	5
Ca	100	Li	20	Tl	5
Cd	5	Mg	50	Zn	5
Co	5	Mn	5		

Order code	Package	Units/Box st.
131638.1210	500 g	6
131638.1211	1000 g	6
131638.1214	5 kg	4
131638.0416	25 kg	

Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

NaHCO₃
 M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (Acidim.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying	0,25 %
Sulphur compounds (as SO ₄)	0,015 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate	p/t.
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,002 %
Heavy metals (as Pb)	0,0005 %
As	0,0002 %
Ca	0,01 %
Fe	0,0005 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	300 ppm

Order code	Package	Units/Box st.
141638.1210	500 g	6
141638.1211	1000 g	6
141638.1214	5 kg	4
141638.0416	25 kg	

Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO

NaHCO₃

M: 84,01 CAS: 144-55-8 EINECS: 205-633-8 NC: 2836 30 00

SPECIFICATIONS:

Assay (as NaHCO ₃) after drying	99,0-100,5%
pH of 1% solution	8,0-8,6
Ammonia	p/t.
Insoluble substances	p/t.
Loss on drying, not more than	0,25 %
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201638.1214	5 kg	4
201638.0416	25 kg	

di-Sodium Hydrogen Citrate 1 1/2-hydrate (Reag. Ph. Eur.) PA

Na₂HC₆H₅O₇·1 1/2H₂O

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99,0 %
pH of 5% solution	4,9-5,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Darkened substances by H ₂ SO ₄	p/t.
Reducing substances	p/t.
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,002 %
Oxalate (C ₂ O ₄)	0,01 %
Ammonium (NH ₄)	0,001 %
Heavy metals (as Pb)	0,001 %
As	0,00004 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
121654.1210	500 g	6
121654.0914	5 kg	

di-Sodium Hydrogen Citrate 1 1/2-hydrate PRS

Na₂HC₆H₅O₇·1 1/2H₂O

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (Perchl. Ac.)	98 %
pH of 5% solution	4,9-5,2
Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,002 %
Phosphate (PO ₄)	0,005 %
Ammonium (NH ₄)	0,002 %
Heavy metals (as Pb)	0,002 %
As	0,0002 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141654.1211	1000 g	6
141654.0416	25 kg	

di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO

Na₂HC₆H₅O₇·1 1/2H₂O

M: 263,11 CAS: 144-33-2 EINECS: 205-623-3 NC: 2918 15 00

SPECIFICATIONS:

Assay (as C ₆ H ₅ Na ₂ O ₇) after drying, not less than	99 %
Arsenic (as As), not more than	1 ppm
Loss on drying, not more than	13 %
Oxalate (as oxalic acid)a.a.s , not more than	0,01 %
pH of 1% solution	4,9-5,2
Lead, not more than	1 ppm
Heavy metals (as Pb), not more than	5 ppm
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/CE

Order code	Package	Units/Box st.
201654.0914	5 kg	

Sodium di-Hydrogen Citrate PA

C₆H₉NaO₇

M: 214,11 CAS: 18996-35-5 EINECS: 242-734-6 NC: 2918 15 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %
pH of 5% solution 3,5-3,8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Darkened substances by H₂SO₄ p/t.
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,001 %
Oxalate (C₂O₄) 0,01 %
Sulphate (SO₄) 0,005 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00004 %
Ca 0,01 %
Cu 0,0005 %
Fe 0,0005 %
K 0,05 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
121653.1211	1000 g	6
121653.0416	25 kg	

Sodium di-Hydrogen Citrate PRS

C₆H₉NaO₇

M: 214,11 CAS: 18996-35-5 EINECS: 242-734-6 NC: 2918 15 00

SPECIFICATIONS:

Assay (Acidim.) 98 %
pH of 5% solution 3,5-3,8
Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,002 %
Phosphate (PO₄) 0,002 %
Oxalate (C₂O₄) 0,01 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,001 %
As 0,00004 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141653.1210	500 g	6
141653.1211	1000 g	6
141653.0416	25 kg	

Sodium mono-Hydrogen Phosphate

(see di-Sodium Hydrogen Phosphate)

di-Sodium di-Hydrogen di-Phosphate

(see di-Sodium di-Hydrogen Pyrophosphate)

di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS

Na₂HPO₄

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %
pH of 5% solution 8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Loss on drying at 105°C 0,2 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,002 %
Pyrophosphate (P₂O₇) 0,2 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %
As 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Cu 5	Pt 5
Au 5	Fe 10	Sb 5
B 5	K 100	Se 5
Ba 5	Mg 10	Si 5
Be 5	Mn 5	Sr 5
Ca 10	Mo 5	Ti 5
Cd 5	Ni 5	Zn 5
Co 5	Pb 10	

Order code	Package	Units/Box st.
131679.1210	500 g	6
131679.1211	1000 g	6
131679.0914	5 kg	4
131679.0416	25 kg	

di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX

Na₂HPO₄

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s. 98,0-100,5 %
Identity according to Pharmacopoeias p/t.
pH of 5% solution 8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,025 %
Loss on drying at 105°C 1,0 %
Residual solvents (Ph.Eur./USP) p/t
Sodium di-Hydrogen Phosphate p/t.
Reducing substances to KMnO₄ p/t.
Nitrogen compounds (as N) 0,003 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,03 %
Heavy metals (as Pb) 0,001 %
As 0,0001 %
Fe 0,002 %

Order code	Package	Units/Box st.
141679.1210	500 g	6
141679.1211	1000 g	6
141679.1214	5 kg	4
141679.0416	25 kg	

di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO

Na₂HPO₄

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na₂HPO₄) after drying, not less than 98,0 %
pH of 1% solution 8,4-9,6
Arsenic (as As), not more than 3 ppm
Fluoride, not more than 10 ppm
Loss on drying, not more than 5,0 %
P₂O₅ content a.d.s. 49-51 %
Insoluble substances a.d.s., not more than 0,2 %
Cadmium, not more than 1 ppm
Lead, not more than 4 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201679.1214	5 kg	4
201679.0416	25 kg	

di-Sodium Hydrogen Phosphate anhydrous QP

Na₂HPO₄

M: 141,96 CAS: 7558-79-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 98,0 %
Chloride (Cl) 0,06 %
Sulphate (SO₄) 0,2 %

Order code	Package	Units/Box st.
211679.1214	5 kg	4
211679.0416	25 kg	

di-Sodium Hydrogen Phosphate 2-hydrate PA

Na₂HPO₄·2H₂O

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %
pH of 5% solution 8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,002 %
Pyrophosphate (P₂O₇) 0,2 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %
As 0,00005 %
Ca 0,001 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,002 %
K 0,005 %
Mg 0,001 %
Mn 0,0005 %
Ni 0,0005 %
Pb 0,001 %
Zn 0,0005 %

Order code	Package	Units/Box st.
122507.1210	500 g	6
122507.1211	1000 g	6
122507.1214	5 kg	
122507.0416	25 kg	

di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

Na₂HPO₄·2H₂O

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. 98,0-101,0%
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 130°C 19,5-21,0 %
 Residual solvents (Ph.Eur./USP) p/t.
 Sodium di-Hydrogen Phosphate p/t.
 Reducing substances p/t.
 Nitrogen compounds (as N) 0,003 %
 Chloride (Cl) 0,002 %
 Sulphate (SO₄) 0,01 %
 Heavy metals (as Pb) 0,002 %
 As 0,0001 %
 Fe 0,002 %

Order code	Package	Units/Box st.
142507.1211	1000 g	6
142507.0914	5 kg	
142507.0416	25 kg	

di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO

Na₂HPO₄·2H₂O

M: 177,99 CAS: 10028-24-7 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na₂HPO₄) after drying, not less than 98,0 %
 Appearance p/t
 Identity:
 Phosphate p/t.
 Sodium p/t.
 pH of 1% solution 8,4-9,6
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 10 ppm
 Loss on drying, not more than 18,0-22,0 %
 P₂O₅ content a.a.s. 49-51 %
 Insoluble substances a.a.s., not more than 0,2 %
 Cadmium, not more than 1 ppm
 Lead, not more than 4 ppm
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
202507.0914	5 kg	
202507.0416	25 kg	

di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS

Na₂HPO₄·7H₂O

M: 268,06 CAS: 7782-85-6 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 98,0-102,0 %
 pH of 5% solution 8,7-9,3

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,001 %
 As 0,0005 %
 Fe 0,001 %

Order code	Package	Units/Box st.
132656.1211	1000 g	6
132656.0914	5 kg	

di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO

Na₂HPO₄·12H₂O

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 99-102 %
 pH of 5% solution 9-9,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Mono or tri-Base salt p/t.
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,0005 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00005 %
 Ca 0,001 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,01 %
 Mg 0,001 %
 Mn 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131678.1210	500 g	6
131678.1211	1000 g	6
131678.1214	5 kg	4
131678.0416	25 kg	

di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

Na₂HPO₄·12H₂O

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. 98,0-100,5 %
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 8,7-9,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O 0,025 %
 Loss on drying at 130°C 57-61 %
 Residual solvents (Ph.Eur./USP) p/t.
 Nitrogen compounds (as N) 0,003 %
 Sodium di-Hydrogen Phosphate p/t.
 Reducing substances to KMnO₄ p/t.
 Chloride (Cl) 0,002 %
 Sulphate (SO₄) 0,01 %
 Heavy metals (as Pb) 0,001 %
 Water (H₂O) 57,0-61,0 %
 As 0,0001 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141678.1210	500 g	6
141678.1211	1000 g	6
141678.1214	5 kg	4
141678.0416	25 kg	

di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO

Na₂HPO₄·12H₂O

M: 358,14 CAS: 10039-32-4 EINECS: 231-448-7 NC: 2835 22 00

SPECIFICATIONS:

Assay (Na₂HPO₄) after drying, not less than 98,0 %
 pH of 1% solution 8,4-9,6
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 10 ppm
 P₂O₅ content a.a.s. 49-51 %
 Loss on drying, not more than 61,0 %
 Insoluble substances a.a.s., not more than 0,2 %
 Cadmium, not more than 1 ppm
 Lead, not more than 4 ppm
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2008/84/EC

Order code	Package	Units/Box st.
201678.1214	5 kg	
201678.0416	25 kg	

S

Sodium di-Hydrogen Phosphate anhydrous PA

NaH₂PO₄

M: 120,00 CAS: 7558-80-7 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 99-100,5 %
pH of 5% solution 4,1-4,7

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,05 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,005 %
As 0,0001 %
Ca 0,01 %
Cu 0,001 %
Fe 0,001 %
Mg 0,01 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
122018.1210	500 g	6
122018.1211	1000 g	6
122018.1214	5 kg	4

Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS

NaH₂PO₄·H₂O

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 98,0-102,0 %
pH of 5% solution 4,1-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Nitrogen compounds (as N) 0,001 %
Chloride (Cl) 0,0005 %
Sulphate (SO₄) 0,003 %
Heavy metals (as Pb) 0,0005 %
As 0,00005 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,005 %
Mg 0,005 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131965.1210	500 g	6
131965.1211	1000 g	6
131965.1214	5 kg	4
131965.0416	25 kg	

Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX

NaH₂PO₄·H₂O

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) calc. a.a.s. 98,0-100,5 %
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance and colour of solution p/t
Insoluble matter in H₂O 0,005 %
Loss on drying at 130°C 11,5-14,5 %
Residual solvents (Ph.Eur./USP) p/t
Reducing substances to KMnO₄ p/t
Chloride (Cl) 0,014 %
Sulphate (SO₄) 0,03 %
Aluminium, Calcium and related elements p/t
Heavy metals (as Pb) 0,001 %
As 0,0002 %
Fe 0,001 %

Order code	Package	Units/Box st.
141965.1210	500 g	6
141965.1211	1000 g	6
141965.1214	5 kg	4
141965.0416	25 kg	

Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO

NaH₂PO₄·H₂O

M: 137,99 CAS: 10049-21-5 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (NaH₂PO₄) after drying 98,0-103,0 %
Appearance p/t
Identity:
Phosphate p/t
Sodium p/t
pH of 1% solution 4,1-5,0
Arsenic (as As), not more than 3 ppm
Fluoride, not more than 10 ppm
Loss on drying 10,0-15,0 %
P₂O₅ content, a.a.s. 58,0-60,0 %
Insoluble substances a.a.s., not more than 0,2 %
Cadmium, not more than 1 ppm
Lead, not more than 4 ppm
Mercury (Hg), not more than 1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201965.1214	5 kg	4
201965.0416	25 kg	

Sodium di-Hydrogen Phosphate 2-hydrate PA

NaH₂PO₄·2H₂O

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim.) 99,0-101,0 %
pH of 5% solution 4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Nitrogen compounds (as N) 0,001 %
Chloride (Cl) 0,0005 %
Sulphate (SO₄) 0,003 %
Heavy metals (as Pb) 0,0005 %
As 0,00005 %
Ca 0,005 %
Cu 0,0002 %
Fe 0,0005 %
Mg 0,005 %
Ni 0,001 %
Pb 0,0002 %

Order code	Package	Units/Box st.
121677.1210	500 g	6
121677.1211	1000 g	6
121677.1214	5 kg	4
121677.0416	25 kg	

Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

NaH₂PO₄·2H₂O

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (Acidim) calc. a.a.s. 98,0-100,5 %
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,2-4,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Insoluble matter in H₂O 0,005 %
Loss on drying at 130°C 21,5-24,0 %
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
Reducing substances to KMnO₄ p/t
Aluminium, Calcium and related elements p/t
Heavy metals (as Pb) 0,001 %
As 0,0002 %
Fe 0,001 %

Order code	Package	Units/Box st.
141677.1210	500 g	6
141677.1211	1000 g	6
141677.1214	5 kg	4
141677.0416	25 kg	

Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO

NaH₂PO₄·2H₂O

M: 156,01 CAS: 13472-35-0 EINECS: 231-449-2 NC: 2835 22 00

SPECIFICATIONS:

Assay (NaH ₂ PO ₄) after drying.....	98,0-103,0%
pH of 1% solution	4,1-5,0
Arsenic (as As), not more than	3 ppm
Fluoride, not more than	10 ppm
Loss on drying.....	20,0-25,0 %
P ₂ O ₅ content, a.a.s.....	58,0-60,0 %
Insoluble substances a.a.s., not more than.....	0,2 %
Cadmium, not more than	1 ppm
Lead, not more than	4 ppm
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2001/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
201677.1214	5 kg	4
201677.0416	25 kg	

di-Sodium di-Hydrogen Pyrophosphate PRS

Na₂H₂P₂O₇

M: 221,94 CAS: 7758-16-9 EINECS: 231-835-0 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.).....	98 %
pH of 5% solution	3,6-4,4
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,05 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %

Order code	Package	Units/Box st.
141709.1211	1000 g	6
141709.1214	5 kg	4
141709.0416	25 kg	

di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO

Na₂H₂P₂O₇

M: 221,94 CAS: 7758-16-9 EINECS: 231-835-0 NC: 2835 39 00

SPECIFICATIONS:

Assay (Na ₂ H ₂ P ₂ O ₇).....	95,0-100,5%
Arsenic (as As), not more than	3 ppm
Insoluble substances, not more than	0,6 %
Loss on drying at 105°C, not more than	0,5 %
P ₂ O ₅ content	63,0-64 %
pH of 1%	3,7-4,4
Fluoride, not more than	10 ppm
Lead, not more than	2 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201709.1214	5 kg	4
201709.0416	25 kg	

Sodium Hydrogen Sulphate anhydrous PRS

NaHSO₄

M: 120,06 CAS: 7681-38-1 EINECS: 231-665-7 NC: 2833 19 00 UN: 3260

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



SPECIFICATIONS:

Assay (as NaHSO ₄) (Acidim.).....	95 %
Insoluble matter in NH ₄ OH	0,05 %
Chloride (Cl).....	0,005 %
Nitrogen compounds (as N)	0,002 %
Phosphate (PO ₄)	0,003 %
Al	0,005 %
As	0,0005 %
Ca	0,01 %
Cu	0,01 %
Fe	0,005 %
Mg	0,01 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
141640.1210	500 g	6
141640.1211	1000 g	6
141640.1214	5 kg	4
141640.0416	25 kg	

Sodium Hydrogen Sulphate 1-hydrate PRS

NaHSO₄·H₂O

M: 138,08 CAS: 10034-88-5 EINECS: 231-665-7 NC: 2833 19 00 UN: 3260

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



SPECIFICATIONS:

Assay (as NaHSO ₄ ·H ₂ O) (Acidim.).....	97 %
Insoluble matter in NH ₄ OH	0,05 %
Chloride (Cl).....	0,01 %
Phosphate (PO ₄)	0,003 %
Al	0,005 %
As	0,0005 %
Ca	0,01 %
Cu	0,01 %
Fe	0,005 %
Mg	0,01 %
Ni	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
143854.1210	500 g	6
143854.1211	1000 g	6
143854.1214	5 kg	4
143854.0416	25 kg	

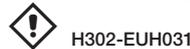
Sodium Hydrogen Sulphite solution 40% w/v QP

NaHSO₃

M: 104,06 CAS: 7631-90-5 EINECS: 231-548-0 NC: 2832 10 00 UN: 2693

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



1l-1,260kg 1kg-0,794l

SPECIFICATIONS:

Assay (Iodom.)..... 40 %

Order code	Package	Units/Box st.
211642.1211	1000 ml	6
211642.1214	5 l	4
211642.0716	25 l	

Sodium Hydrogen Tartrate anhydrous PRS

NaH(COO)₂(CHOH)₂

M: 172,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.).....	99 %
pH of 5% solution	3,3-3,6
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,005 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,01 %
Heavy metals (as Pb).....	0,002 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141643.1211	1000 g	6
141643.0416	25 kg	

Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA

NaH(COO)₂(CHOH)₂·H₂O

M: 190,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)..... 99,5-100,5%
pH of 5% solution

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Loss on drying at 120°C.....	9,0-10,0 %
Chloride (Cl).....	0,001 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,005 %
Ammonium (NH ₄)	0,005 %
Heavy metals (as Pb).....	0,001 %
As	0,00004 %
Ca	0,01 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
121871.1211	1000 g	6
121871.0914	5 kg	

Sodium Hydrogen Tartrate 1-hydrate PRS

NaH(COO)₂(CHOH)·H₂O

M: 190,09 CAS: 526-94-3 EINECS: 208-400-9 NC: 2918 13 00

SPECIFICATIONS:

Assay (Acidim.)	99,0-102,0%
pH of 5% solution	3,0-3,6
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,005 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Ca	0,05 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141871.1211	1000 g	6

Sodium Hydrosulphite

(see Sodium Dithionite)

Sodium Hydroxide pellets PA-ACS-ISO

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Acidim.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Carbonate (as Na ₂ CO ₃)	1,0 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Nitrogen compounds (as N)	0,0005 %
Silicate (SiO ₂)	0,001 %
Sulphate (SO ₄)	0,002 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
As	0,00004 %
Ca	0,0005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
Hg	0,00001 %
K	0,02 %
Mg	0,0005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
131687.1210	500 g	6
131687.1211	1000 g	6
131687.1214	5 kg	4
131687.0416	25 kg	

Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) 98,0-100,5%

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as Na ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
K	p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141687.1210	500 g	6
141687.1211	1000 g	6
141687.1214	5 kg	4
141687.0416	25 kg	

Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (as NaOH) of total alkali 98,0-100,5%

Arsenic (as As), not more than 3 ppm

Carbonate (as Na₂CO₃), not more than 0,5 %

Insoluble substances and organic matter p/t.

Lead, not more than 0,5 ppm

Mercury, not more than 0,1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201687.1214	5 kg	4
201687.0416	25 kg	

Sodium Hydroxide pellets QP

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) 98 %

Insoluble matter in H₂O 0,05 %

Chloride (Cl) 0,01 %

Sulphate (SO₄) 0,01 %

Heavy metals (as Pb) 0,005 %

As 0,0003 %

Fe 0,005 %

Order code	Package	Units/Box st.
211687.1211	1000 g	6
211687.1214	5 kg	4
211687.0416	25 kg	

Sodium Hydroxide flakes

(RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) 98,0-100,5%

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O	0,025 %
Residual solvents (Ph.Eur./USP)	p/t
Carbonate (as Na ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb)	0,001 %
Fe	0,001 %
K	p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
141686.1210	500 g	6
141686.1211	1000 g	6
141686.1214	5 kg	4
141686.0416	25 kg	

Sodium Hydroxide flakes QP

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Acidim.) 98 %

Insoluble matter in H₂O 0,05 %

Chloride (Cl) 0,05 %

Sulphate (SO₄) 0,05 %

Heavy metals (as Pb) 0,005 %

As 0,0003 %

Fe 0,005 %

Order code	Package	Units/Box st.
211686.1214	5 kg	
211686.0416	25 kg	

**Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.)
PRS-CODEX**

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 11 00 UN: 1823
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
Signal Word: Danger



H314

SPECIFICATIONS:
Assay (Acidim.) 98,0-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,025 %
Residual solvents (Ph.Eur./USP) p/t
Carbonate (as Na₂CO₃) 1,0 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,002 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %
Fe 0,001 %
K p/t.
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141929.1210	500 g	6
141929.1211	1000 g	6
141929.1214	5 kg	4
141929.0416	25 kg	

SODIUM HYDROXIDE SOLUTIONS

Sodium Hydroxide solution 50% w/w PRS

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,52kg 1kg~0,66l

SPECIFICATIONS:
Assay (Acidim.) 50 %
Carbonate (as Na₂CO₃) 1 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,01 %
Phosphate (PO₄) 0,002 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,002 %
Al 0,002 %
As 0,00004 %
Ca 0,005 %
Cu 0,001 %
Fe 0,005 %
Mg 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
142404.1214	5 l	
142404.0716	25 l	

Sodium Hydroxide solution 50% w/v PRS

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,39kg 1kg~0,72l

SPECIFICATIONS:
Assay (Acidim.) 50 %
Carbonate (as Na₂CO₃) 1 %
Nitrogen compounds (as N) 0,002 %
Chloride (Cl) 0,01 %
Phosphate (PO₄) 0,002 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,002 %
Al 0,002 %
As 0,00004 %
Ca 0,005 %
Cu 0,001 %
Fe 0,005 %
Mg 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141571.1214	5 l	4
141571.0716	25 l	

Sodium Hydroxide solution 50% w/v QP

NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,39kg 1kg~0,72l

SPECIFICATIONS:
Assay (Acidim.) 50 %
Chloride (Cl) 0,05 %
Sulphate (SO₄) 0,05 %
Heavy metals (as Pb) 0,005 %
As 0,0003 %
Fe 0,005 %

Order code	Package	Units/Box st.
211571.1214	5 l	4
211571.0716	25 l	

Sodium Hydroxide solution 40% w/w RE

for determination of N
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,43kg 1kg~0,70l

SPECIFICATIONS:
Minimum assay (Acidim.) 40 %
MAXIMUM LIMIT OF IMPURITIES
Carbonate (as Na₂CO₃) 1,0 %
Nitrogen compounds (as N) 0,002 %

Order code	Package	Units/Box st.
171220.1211	1000 ml	6
171220.1214	5 l	4
171220.1315	10 l	(*)
171220.0716	25 l	

(*) Sol-Pack pack with tap

Sodium Hydroxide solution 40% w/v PA

for the N determination in milk according to ISO 8968-3:2004
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,33kg 1kg-0,75l

SPECIFICATIONS:

Minimum assay (Acidim.) 40 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as Na ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,0005 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Silicate (as SiO ₂)	0,001 %
Sulphate (SO ₄)	0,002 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
As	0,00004 %
Ca	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,02 %
Mg	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
121593.1211	1000 ml	6
121593.1214	5 l	4

Sodium Hydroxide solution 32% w/v PA

for determination of N
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,28kg 1kg-0,78l

SPECIFICATIONS:

Assay (Acidim.) 32-34 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as Na ₂ CO ₃)	1,0 %
Nitrogen compounds (as N)	0,0001 %
Chloride (Cl)	0,001 %
Phosphate (PO ₄)	0,0005 %
Silicate (as SiO ₂)	0,001 %
Sulphate (SO ₄)	0,002 %
Heavy metals (as Pb)	0,0005 %
Al	0,0005 %
As	0,00004 %
Ca	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,02 %
Mg	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,001 %

Order code	Package	Units/Box st.
122666.1211	1000 ml	6
122666.1214	5 l	4

Sodium Hydroxide solution 30% w/v RE

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,26kg 1kg-0,79l

SPECIFICATIONS:

Assay (Acidim.) 30 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as Na ₂ CO ₃)	1 %
Chloride (Cl)	0,01 %
Phosphate (PO ₄)	0,002 %
Sulphate (SO ₄)	0,01 %

Order code	Package	Units/Box st.
171690.1210	500 ml	6
171690.1214	5 l	4
171690.0716	25 l	

Sodium Hydroxide solution 20% w/v RE

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,19kg 1kg-0,84l

SPECIFICATIONS:

Assay (Acidim.) (w/v) 20,0-21,0 %

Order code	Package	Units/Box st.
171689.1210	500 ml	6

Sodium Hydroxide solution 10% w/v RE

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:

Minimum assay (Acidim.) 10 %

MAXIMUM LIMIT OF IMPURITIES

Carbonate (as Na ₂ CO ₃)	1,0 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %

Order code	Package	Units/Box st.
171688.1210	500 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) RE

solution for pH scales. Indicator: Phenolphthalein

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer 1,000±0,005

Order code	Package	Units/Box st.
171694.1209	250 ml	6

Sodium Hydroxide 0,02 mol/l (0,02N) SV

Indicator: Phenolphthalein

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
183397.1211	1000 ml	6

Sodium Hydroxide 0,025 mol/l (0,025N) SV

Indicator: Bromophenol Blue

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182296.1211	1000 ml	6

Sodium Hydroxide 0,04 mol/l (0,04N) SV

Indicator: Bromophenol Blue

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181584.1211	1000 ml	6

Sodium Hydroxide 0,05 mol/l (0,05N) SV

Indicator: Bromophenol Blue

NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821

1l-1,003kg 1kg-0,997l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182153.1211	1000 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181693.1211	1000 ml	6
181693.1212	2,5 l	4
181693.1214	5 l	4
181693.1315	10 l	(*)

Sodium Hydroxide 0,1 mol/l (0,1N) SV

Indicator: Phenolphthalein
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l-1,004kg 1kg-0,996l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181694.1211	1000 ml	6
181694.1315	10 l	(*)

Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
NaOH

M: 40,00 CAS: 1310-73-2 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225

1l-0,852kg 1kg-1,174l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182284.1611	1000 ml	6

Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc

CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303125.1920	1 ampoule	6

Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV

for analysis of acidity in milk
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l-1,005kg 1kg-0,995l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
183154.1211	1000 ml	6
183154.1214	5 l	4

Sodium Hydroxide 0,2 mol/l (0,2N) SV

Indicator: Phenolphthalein
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l-1,006kg 1kg-0,994l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182971.1211	1000 ml	6

Sodium Hydroxide 0,25 mol/l (0,25N) SV

Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l-1,011kg 1kg-0,989l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182155.1211	1000 ml	6

Sodium Hydroxide 0,313 mol/l (0,313N) SV

for determination of raw fibre. Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l-1,016kg 1kg-0,984l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
183337.1211	1000 ml	6
183337.1214	5 l	4

Sodium Hydroxide 0,3546 mol/l (N/2,82) SV

Empiric Liquor for analysis of oils. Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l-1,015kg 1kg-0,985l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182156.1211	1000 ml	6
182156.1315	10 l	(*)

Sodium Hydroxide 0,5 mol/l (0,5N) SV

Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,021kg 1kg-0,979l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181692.1211	1000 ml	6
181692.1315	10 l	(*)

Sodium Hydroxide 1 mol/l (1N) SV

Indicator: Bromophenol Blue
NaOH

M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l-1,042kg 1kg-0,960l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181691.1211	1000 ml	6
181691.1212	2,5 l	4
181691.1214	5 l	4
181691.1315	10 l	(*)

Sodium Hydroxide 1 mol/l (1N) SV

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,042kg 1kg~0,960l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182415.1211	1000 ml	6
182415.1315	10 l	(*)

Sodium Hydroxide 1 mol/l (1N) ethanolic SV

Indicator: Phenolphthalein. Storage over 18°C.
NaOH
M: 40,00 NC: 3822 00 00 UN: 2924
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
Signal Word: Danger



H225-H314

1l~0,885kg 1kg~1,130l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182265.1611	1000 ml	6

Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc

CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303126.1920	1 ampoule	6

Sodium Hydroxide 2 mol/l (2N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,09kg 1kg~0,92l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182158.1211	1000 ml	6

Sodium Hydroxide 4 mol/l (4N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,153kg 1kg~0,867l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
183466.1211	1000 ml	6

Sodium Hydroxide 5 mol/l (5N) SV

Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
Signal Word: Danger



H314

1l~1,186kg 1kg~0,843l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182159.1211	1000 ml	6

Sodium Hydroxide 0,01 mol/l VINIKIT

for determination of sulphurous gas (SO₂) in wine, according to Paul NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
621845.1210	500 ml	6

Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT

for determination of real volatile acidity according to Garcia-Tena.
Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,000kg 1kg~1,000l
SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
623397.1210	500 ml	6

Sodium Hydroxide N/49 VINIKIT

acidimetric liquor for determination of the volatile acidity in wine
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,001kg 1kg~0,999l
SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
624785.1210	500 ml	6
624785.1211	1000 ml	6

Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT

Indicator: Phenolphthalein
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
1l~1,004kg 1kg~0,996l
SPECIFICATIONS:

Titer1,000±0,005

Order code	Package	Units/Box st.
621694.1210	500 ml	6

Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT

for determination of total acidity in wine and must
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
624835.1211	1000 ml	6

Sodium Hydroxide N/4,9 VINIKIT

acidimetric liquor for determination of total acidity in wine and must.
Indicator: Bromophenol Blue
NaOH
M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
Signal Word: Warning



H319-H315

1l~1,007kg 1kg~0,993l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
624782.1210	500 ml	6
624782.1211	1000 ml	6

Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT

for determination of total acidity in vinegars. Indicator: Bromophenol Blue NaOH
 M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Warning

H319-H315
 1l-1,017kg 1kg-0,983l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
622157.1211	1000 ml	6

Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT

for determination of total acidity in vinegars. Indicator: Bromophenol Blue NaOH
 M: 40,00 CAS: 1310-73-2 EINECS: 215-185-5 NC: 2815 12 00 UN: 1824
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

H314
 1l-1,067kg 1kg-0,937l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
624836.1211	1000 ml	6

Sodium 2-Hydroxybenzoate

(see Sodium Salicylate)

SODIUM HYPOCHLORITE SOLUTIONS

Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA

NaClO
 M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Warning

EUH031-H319-H315
 1l-1,15kg 1kg-0,87l
 SPECIFICATIONS:
 Assay (as Cl₂) (Iodom.) (w/w) 5-9 %*

MAXIMUM LIMIT OF IMPURITIES
 Alkalinity (as NaOH) 1,8 %

*At the moment of the batch analysis

Metals by ICP [mg/Kg (ppm)]

Cd	10
Cr	10
Cu	10
Hg	10
Mn	10
Ni	10
Zn	10

Order code	Package	Units/Box st.
122967.1211	1000 ml	6

Sodium Hypochlorite solution 5% w/v QP

NaClO
 M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Warning

EUH031-H319-H315
 1l-1,12kg 1kg-0,89l
 SPECIFICATIONS:
 Assay (Iodom.) 5 %*

*At the moment of the batch analysis

Order code	Package	Units/Box st.
212297.1211	1000 ml	6
212297.1214	5 l	4
212297.0716	25 l	

Sodium Hypochlorite solution 10% w/v QP

NaClO
 M: 74,44 CAS: 7681-52-9 EINECS: 231-668-3 NC: 2828 90 00 UN: 1791
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 819 CAO: 821
 Signal Word: Danger

EUH031-H314
 1l-1,18kg 1kg-0,85l
 SPECIFICATIONS:
 Assay (Iodom.) 10 %*

*At the moment of the batch analysis

Order code	Package	Units/Box st.
211921.1211	1000 ml	6
211921.1214	5 l	4
211921.0716	25 l	

Sodium Hypodisulphite

(see Sodium Dithionite)

Sodium Hypophosphite

(see Sodium Phosphinate 1-hydrate)

Sodium Hyposulphite

(see Sodium Thiosulphate)

Sodium Iodate PA

NaIO₃
 M: 197,89 CAS: 7681-55-2 EINECS: 231-672-5 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272
 SPECIFICATIONS:
 Minimum assay (Iodom.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 130°C	0,1 %
Nitrogen compounds (as N)	0,003 %
Bromate, bromide, chlorate and chloride (as Cl)	0,02 %
Sulphate (SO ₄)	0,005 %
Iodide (I)	0,001 %
Cu	0,0005 %
Fe	0,001 %
K	0,01 %
Ni	0,0005 %
Pb	0,0005 %

Order code	Package	Units/Box st.
122338.1208	100 g	6
122338.1209	250 g	6
122338.1214	5 kg	4

Sodium Iodate PRS

NaIO₃
 M: 197,89 CAS: 7681-55-2 EINECS: 231-672-5 NC: 2829 90 80 UN: 1479
 IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511
 Signal Word: Danger

H272
 SPECIFICATIONS:
 Assay (Iodom.) 98 %

Insoluble matter in H ₂ O	0,025 %
Loss on drying at 130°C	0,2 %
Nitrogen compounds (as N)	0,01 %
Bromate, bromide, chlorate and chloride (as Cl)	0,05 %
Sulphate (SO ₄)	0,01 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142338.1208	100 g	6
142338.1209	250 g	6
142338.1214	5 kg	4

Sodium Iodide PA-ACS

Nal

M: 149,89 CAS: 7681-82-5 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.) 99,5 %
pH of 5% solution 6,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Nitrogen compounds (as N) 0,002 %
Chloride and bromide (as Cl) 0,01 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,0025 %
Iodate (IO₃) 0,0003 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag .....5	K .....100
Al .....5	Mg .....10
Au .....5	Mn .....5
B .....5	Ni .....5
Ba .....20	Pb .....1
Be .....5	Sr .....5
Ca .....10	Ti .....5
Co .....5	V .....5
Fe .....5	Zn .....5
Ga .....5	Zr .....5

Order code	Package	Units/Box st.
131726.1609	250 g 	6
131726.1610	500 g 	6
131726.1611	1000 g 	6
131726.1214	5 kg 	4
131726.0416	25 kg 	

Sodium Iodide PRS

Nal

M: 149,89 CAS: 7681-82-5 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Assay (Arg.) 98 %
pH of 5% solution 6,0-9,2
Insoluble matter in H₂O 0,025 %
Nitrogen compounds (as N) 0,005 %
Chloride and bromide (as Cl) 0,05 %
Phosphate (PO₄) 0,005 %
Sulphate (SO₄) 0,01 %
As 0,0003 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141726.1609	250 g 	6
141726.1610	500 g 	6
141726.1611	1000 g 	6
141726.1214	5 kg 	4
141726.0416	25 kg 	

Sodium Iodide 2-hydrate PA

Nal.2H₂O

M: 185,93 CAS: 13517-06-1 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Minimum assay (Arg.) 99,0 %
pH of 5% solution 6,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Nitrogen compounds (as N) 0,002 %
Chloride and bromide (as Cl) 0,02 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,005 %
Iodate (IO₃) 0,0003 %
As 0,0001 %
Ba 0,002 %
Ca 0,005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,01 %
Mg 0,005 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
122099.1609	250 g 	6
122099.1214	5 kg 	4

Sodium Iodide 2-hydrate PRS

Nal.2H₂O

M: 185,93 CAS: 13517-06-1 EINECS: 231-679-3 NC: 2827 60 00

SPECIFICATIONS:

Assay (Arg.) 98 %
pH of 5% solution 6,0-9,0
Insoluble matter in H₂O 0,01 %
Nitrogen compounds (as N) 0,005 %
Chloride and bromide (as Cl) 0,05 %
Sulphate (SO₄) 0,005 %
As 0,0002 %
Ba 0,005 %
Ca 0,01 %
Cu 0,002 %
Fe 0,002 %
K 0,05 %
Mg 0,01 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
142099.1609	250 g 	6

Sodium Lactate PRS

C₃H₅NaO₃

M: 112,06 CAS: 867-56-1 EINECS: 212-762-3 NC: 2918 11 00

SPECIFICATIONS:

Assay (Perchl. Ac.) 98 %
Reducing sugars p/t
Methanol and methyl esters 0,025 %
Citrate, Oxalate, Phosphate or Tartrate p/t
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,05 %
Heavy metals (as Pb) 0,001 %
As 0,0003 %
Ca 0,01 %
Cu 0,0005 %
Fe 0,0005 %
Pb 0,001 %
Zn 0,001 %

Order code	Package	Units/Box st.
143306.1210	500 g 	6
143306.1211	1000 g 	6

Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₃H₅NaO₃

M: 112,06 CAS: 72-17-3 EINECS: 200-772-0 NC: 2918 11 00

1l-1,272kg 1kg-0,786l

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) 50,0 %
Identity according to Pharmacopoeias p/t
Density at 20/4 1,267-1,277
pH 6,5-9,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Reducing sugars p/t
Residual solvents (Ph.Eur./USP) p/t
Methanol and methyl esters 0,025 %
Citrate, oxalate, phosphate or tartrate p/t
Chloride (Cl) 0,0025 %
Sulphate (SO₄) 0,005 %
Sulphate (SO₄) (USP) p/t
Heavy metals (as Pb) 0,0005 %
As 0,0003 %
Ba p/t
Ca 0,01 %
Cu 0,001 %
Fe 0,0005 %
Pb 0,001 %
Zn 0,001 %

Order code	Package	Units/Box st.
143307.1211	1000 ml 	6
143307.1214	5 l 	4

Sodium Lactate solution 50% w/w (F.C.C.)

ADITIO

$C_3H_5NaO_3$

M: 112,06 CAS: 72-17-3 EINECS: 200-772-0 NC: 2918 11 00

1l-1,272kg 1kg-0,786l

SPECIFICATIONS:

Assay ($C_3H_5NaO_3$), not less than	50,0 %
Arsenic (as As), not more than	3 ppm
pH	5,0-9,0
Acidity (as lactic acid) on dried matter, not more than	0,5 %
Chloride, not more than	0,05 %
Sulphate, not more than	0,005 %
Methanol and Methyl Esters, not more than	0,025 %
Citrate, Oxalate, Phosphate or Tartrate	p/t.
Cyanide, not more than	0,5 ppm
Reducing sugars	p/t.
Heavy metals (as Pb), not more than	10 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Specifications Dir. 96/77/CE, F.C.C. 6	

Order code	Package	Units/Box st.
203307.1214	5 l	4

Sodium Laurylsulphate

(see Sodium Dodecyl Sulphate)

Sodium Malonate, 99% PS

$C_3H_2Na_2O_5$

M: 148,0 CAS: 141-95-7 EINECS: 205-514-0 NC: 2917 19 10

SPECIFICATIONS:

Minimum assay	99 %
Identity	IR p/t.
pH of 5% solution	5,8-9,0
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %
Water (H ₂ O)	0,5 %

Order code	Package	Units/Box st.
15B852.1206	25 g	6
15B852.1208	100 g	6

Sodium Metaarsenite

(see Sodium meta-Arsenite)

Sodium Metabisulphite

(see Sodium Disulphite)

Sodium Metaperiodate

(see Sodium meta-Periodate)

Sodium Methoxide

(see Sodium Methylate)

SODIUM METHYLATE SOLUTIONS

Sodium Methylate solution ~30% in methanol PS

CH_3ONa

M: 54,02 CAS: 124-41-4 EINECS: 204-699-5 NC: 3822 00 00 UN: 1289

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H311-H301-H370-H314

1l-0,970kg 1kg-1,031l

SPECIFICATIONS:

Assay (Acidim.)	~30 %
Density at 20/4	0,968-0,972

Order code	Package	Units/Box st.
15A868.1611	1000 ml	6
15A868.1612	2,5 l	4

Sodium Methylate 0,5 mol/l methanolic PA-ACS

CH_3ONa

M: 54,02 CAS: 124-41-4 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H331-H311-H301-H370

1l-0,815kg 1kg-1,227l

SPECIFICATIONS:

Assay (Acidim.)	0,48-0,52 mol/l
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MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Bottled under nitrogen atmosphere.	

Order code	Package	Units/Box st.
135279.1608	100 ml	6

Sodium Molybdate 2-hydrate (Reag. Ph. Eur.)

PA-ACS

$Na_2MoO_4 \cdot 2H_2O$

M: 241,95 CAS: 10102-40-6 EINECS: 231-551-7 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.)	99,5-103,0%
Appearance	p/t
Identification	positive
pH of 5% solution	7,0-10,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,0005 %
Nitrate (NO ₃)	0,005 %
Sulphate (SO ₄)	0,015 %
Ammonium (NH ₄)	0,001 %
Heavy metals (as Pb)	0,0005 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,05 %
Mg	0,001 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131701.1208	100 g	6
131701.1209	250 g	6
131701.1211	1000 g	6
131701.1214	5 kg	4
131701.0416	25 kg	

Sodium Molybdate 2-hydrate (BP, Ph. Eur.)

PRS-CODEX

$Na_2MoO_4 \cdot 2H_2O$

M: 241,95 CAS: 10102-40-6 EINECS: 231-551-7 NC: 2841 70 00

SPECIFICATIONS:

Assay (Compl.) calc. a.a.s	98,0-100,5 %
Identity according to Pharmacopoeias	p/t.
pH of 5% solution	7,0-10,5

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O	0,02 %
Loss on drying at 140°C	14,0-16,0 %
Residual solvents (Ph.Eur./USP)	p/t
Chloride (Cl)	0,005 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,05 %
Ammonium (NH ₄)	0,001 %
Heavy metals (as Pb)	0,001 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Order code	Package	Units/Box st.
141701.1208	100 g	6
141701.1209	250 g	6
141701.1211	1000 g	6
141701.0914	5 kg	
141701.0416	25 kg	

Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO

NaNO₃

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay 99,0 %
pH of 5% solution 5,5-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,0005 %
Nitrite (NO₂) 0,001 %
Sulphate (SO₄) 0,002 %
Iodate (IO₃) 0,0005 %
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,00004 %
Ca 0,005 %
Cd 0,0002 %
Co 0,0002 %
Cu 0,0002 %
Fe 0,0002 %
K 0,005 %
Mg 0,001 %
Mn 0,0002 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
131702.1210	500 g	6
131702.1211	1000 g	6
131702.1214	5 kg	4
131702.0416	25 kg	

Sodium Nitrate PRS

NaNO₃

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

SPECIFICATIONS:

Assay 99 %
pH of 5% solution 5,0-8,0
Insoluble matter in H₂O 0,025 %
Chloride (Cl) 0,005 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,01 %
Ammonium (NH₄) 0,005 %
Heavy metals (as Pb) 0,002 %
As 0,0002 %
Ca 0,005 %
Cu 0,001 %
Fe 0,001 %
Mg 0,005 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141702.1210	500 g	6
141702.1211	1000 g	6
141702.1214	5 kg	4
141702.0416	25 kg	

Sodium Nitrate (E-251, F.C.C.) ADITIO

NaNO₃

M: 84,99 CAS: 7631-99-4 EINECS: 231-554-3 NC: 3102 50 90 UN: 1498
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

SPECIFICATIONS:

Assay (as NaNO₃) after drying 99,0-100,5%
pH of 5% solution 5,5-8,3
Arsenic (as As), not more than 3 ppm
Total Chlorine (approx. 0,2%) p/t
Loss on drying, not more than 1 %
Nitrite (as NaNO₂), not more than 30 ppm
Lead, not more than 4 ppm
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201702.1214	5 kg	4
201702.0416	25 kg	

Sodium Nitrite (Reag. Ph. Eur.) PA-ACS

NaNO₂

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Minimum assay (Perm.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,003 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,001 %
As 0,00004 %

Metals by ICP [mg/Kg (ppm)]

Al	.....5	K	.....50
Au	.....5	Li	.....5
B	.....5	Mg	.....25
Ba	.....5	Mn	.....5
Be	.....5	Mo	.....5
Bi	.....5	Ni	.....10
Ca	.....25	Pb	.....10
Cd	.....5	Sb	.....5
Co	.....5	Si	.....5
Cr	.....5	Sn	.....5
Cu	.....10	Sr	.....5
Fe	.....10	Ti	.....5
Ga	.....5	Tl	.....5
Ge	.....5	V	.....5
Hg	.....5	Zn	.....10

Order code	Package	Units/Box st.
131703.1210	500 g	6
131703.1211	1000 g	6
131703.1214	5 kg	4
131703.0416	25 kg	

Sodium Nitrite (USP) PRS-CODEX

NaNO₂

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Assay (Perm.) calc. a.d.s 97,0-101,0%
Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,025 %
Loss on drying 0,25 %
Residual solvents (Ph.Eur./USP) p/t
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,002 %
As 0,0002 %
Ca 0,01 %
Cu 0,002 %
Fe 0,002 %
Mg 0,01 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141703.1210	500 g	6
141703.1211	1000 g	6
141703.1214	5 kg	4
141703.0416	25 kg	

Sodium Nitrite (E-250, F.C.C.) ADITIO

NaNO₂

M: 69,00 CAS: 7632-00-0 EINECS: 231-555-9 NC: 2834 10 00 UN: 1500
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272-H330-H400

SPECIFICATIONS:

Assay (as NaNO₂) after drying 98,0-100,5%
Arsenic (as As), not more than 3 ppm
Loss on drying, not more than 0,25 %
Lead, not more than 4 ppm
Heavy metals (as Pb), not more than 0,001 %
Mercury (Hg), not more than 1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6, R.D. 1466/2009

"For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201703.1214	5 kg	4
201703.0416	25 kg	

Sodium Nitroferricyanide

(see Sodium Pentacyanonitrosoferrate(III))

Sodium Nitroprusside

(see Sodium Pentacyanonitrosoferrate(III))

Sodium 1-Octanesulphonate

(see 1-Octane Sulphonic Acid Sodium Salt)

di-Sodium Oxalate EQP-ACS

Primary Chemical Matter
(NaCOO)₂

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) (after dried at 130°C) 99,95-100,05%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Darkened substances by H ₂ SO ₄	p/t.
Neutrality	p/t.
Chloride (Cl)	0,002 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,002 %
Ammonium (NH ₄)	0,002 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,0005 %
K	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
241706.1521	10 x 1,5 g	6
241706.1608	100 g	6

di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS

(NaCOO)₂

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Minimum assay (Perm.) 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 105°C	0,01 %
Darkened substances by H ₂ SO ₄	p/t.
Neutrality	p/t.
Chloride (Cl)	0,002 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,002 %
Ammonium (NH ₄)	0,002 %
Heavy metals (as Pb)	0,002 %
Cu	0,001 %
Fe	0,001 %
K	0,005 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
131706.1210	500 g	6
131706.1211	1000 g	6
131706.0914	5 kg	
131706.0416	25 kg	

di-Sodium Oxalate PRS

(NaCOO)₂

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H312-H302

SPECIFICATIONS:

Assay (Perm.) 98 %

Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %
Ammonium (NH ₄)	0,005 %
Cu	0,003 %
Fe	0,003 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141706.1210	500 g	6
141706.1211	1000 g	6
141706.0914	5 kg	
141706.0416	25 kg	

di-Sodium Oxalate 0,1 mol/l (0,1M) DC

for hematology, prothrombin time

C₂Na₂O₄

M: 134,00 CAS: 62-76-0 EINECS: 200-550-3 NC: 2917 11 00

1l-1,008kg 1kg-0,992l

Composition:

di-Sodium Oxalate	1,35 g
Water s.q.m	100 ml

Order code	Package	Units/Box st.
251707.1211	1000 ml	6

Sodium 2-Oxopropanoate

(see Sodium Pyruvate)

Sodium Paraperiodate

(see Sodium para-Periodate)

Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS

Na₂Fe(CN)₅NO.2H₂O

M: 297,95 CAS: 13755-38-9 EINECS: 238-373-9 NC: 2837 20 00 UN: 1588

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301

SPECIFICATIONS:

Assay (Arg.) 99,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,01 %
Hexacyanoferrate (II) [Fe(CN) ₆] ⁴⁻	0,02 %
Hexacyanoferrate (III) [Fe(CN) ₆] ³⁻	0,01 %
Sulphate (SO ₄)	0,01 %
Ca	0,001 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,005 %
Cu	0,0005 %
K	0,3 %
Mg	0,0005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,005 %

Order code	Package	Units/Box st.
131705.1206	25 g	6
131705.1208	100 g	6

Sodium Pentacyanonitrosoferrate(III) 2-hydrate PA

Na₂Fe(CN)₅NO.2H₂O

M: 297,95 CAS: 13755-38-9 EINECS: 238-373-9 NC: 2837 20 00 UN: 1588

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H301

SPECIFICATIONS:

Minimum assay (Arg.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,01 %
Chloride (Cl)	0,01 %
Hexacyanoferrate (III) [Fe(CN) ₆] ³⁻	0,02 %
Hexacyanoferrate (II) [Fe(CN) ₆] ⁴⁻	0,02 %
Sulphate (SO ₄)	0,01 %

Order code	Package	Units/Box st.
121705.1208	100 g	6
121705.1210	500 g	6

Sodium Perborate 4-hydrate (BP, Ph. Eur.)

PRS-CODEX

NaBO₃·4H₂O

M: 153,86 CAS: 10486-00-7 EINECS: 239-172-9 NC: 2840 30 00 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H360Df-H272-H302-H319-H318

SPECIFICATIONS:

Assay (Perm.).....96,0-103,0 %
 Identity according to Pharmacopoeias p/t
 pH of 1% solution 10,2-10,6

MAXIMUM LIMIT OF IMPURITIES

Residual solvents (Ph.Eur./USP)..... p/t
 Chloride (Cl).....0,010 %
 Sulphate (SO₄).....1,2 %
 Heavy metals (as Pb).....0,001 %
 Ag.....0,001 %
 As.....0,0008 %
 Bi.....0,027 %
 Cd.....0,001 %
 Cu.....0,005 %
 Cr.....0,001 %
 Fe.....0,002 %
 Ni.....0,001 %
 Zn.....0,005 %

Order code	Package	Units/Box st.
145642.1211	1000 g	6

Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS

NaClO₄·H₂O

M: 140,46 CAS: 7791-07-3 EINECS: 231-511-9 NC: 2829 90 10 UN: 1502

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H271-H302

SPECIFICATIONS:

Assay (Arg.).....98,0-102,0%
 pH of 5% solution 6,0-8,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
 Nitrogen compounds (as N)0,001 %
 Chlorate (ClO₃).....0,05 %
 Chloride (Cl).....0,003 %
 Phosphate (PO₄).....0,001 %
 Sulphate (SO₄).....0,002 %
 Heavy metals (as Pb).....0,0005 %
 Ca.....0,005 %
 Cd.....0,0005 %
 Co.....0,0005 %
 Cu.....0,0005 %
 Fe.....0,0005 %
 K.....0,01 %
 Mg.....0,005 %
 Mn.....0,0005 %
 Ni.....0,0005 %
 Pb.....0,0005 %
 Zn.....0,0005 %

Order code	Package	Units/Box st.
134387.1208	100 g	6
134387.1210	500 g	6
134387.1214	5 kg	4

Sodium Periodate

(see Sodium meta-Periodate)

Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS

NaIO₄

M: 213,89 CAS: 7790-28-5 EINECS: 232-197-6 NC: 2829 90 10 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.) a.d.s.....99,8-100,3%
 pH of 0,5% solution 4,5-5,5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....0,005 %
 Loss on drying at 110°C.....0,05 %
 Bromide, chlorate and chloride (as Cl).....0,02 %
 Sulphate (SO₄).....0,01 %
 Iodide (I).....0,001 %
 Ca.....0,01 %
 Mg.....0,002 %
 Mn.....0,0003 %

Order code	Package	Units/Box st.
131700.1208	100 g	6
131700.1209	250 g	6
131700.1214	5 kg	4

Sodium meta-Periodate QP

NaIO₄

M: 213,89 CAS: 7790-28-5 EINECS: 232-197-6 NC: 2829 90 10 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Iodom.) a.d.s.....99,5 %
 Insoluble matter in H₂O.....0,05 %
 Bromide, chlorate and chloride (as Cl).....0,05 %
 Iodide (I).....0,002 %

Order code	Package	Units/Box st.
211700.1211	1000 g	6

Sodium para-Periodate PA

Na₂H₂O₈

M: 293,89 CAS: 13940-38-0 EINECS: 237-720-1 NC: 2829 90 80 UN: 1479

IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Iodom.)99 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HNO₃.....0,01 %
 Loss on drying at 110°C.....0,2 %
 Bromide, chlorate and chloride (as Cl).....0,01 %
 Sulphate (SO₄).....0,01 %
 Iodide (I).....0,001 %
 Mn0,0005 %

Order code	Package	Units/Box st.
121672.1208	100 g	6
121672.1209	250 g	6
121672.1214	5 kg	4

Sodium Peroxide granulated PA-ACS

Na₂O₂

M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504

IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Perm.)95,0 %

MAXIMUM LIMIT OF IMPURITIES

Nitrogen compounds (as N)0,003 %
 Chloride (Cl).....0,002 %
 Phosphate (PO₄).....0,0005 %
 Sulphate (SO₄).....0,001 %
 Heavy metals (as Pb).....0,002 %
 Cd.....0,001 %
 Co.....0,001 %
 Cr.....0,001 %
 Cu.....0,001 %
 Fe.....0,002 %
 K.....0,05 %
 Ni.....0,001 %
 Pb.....0,001 %
 Zn.....0,001 %

Order code	Package	Units/Box st.
131708.1208	100 g	6
131708.1209	250 g	6

Sodium Peroxide granulated PA

Na₂O₂

M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504

IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512

Signal Word: Danger



H272-H314

SPECIFICATIONS:

Minimum assay (Perm.)95,0 %

MAXIMUM LIMIT OF IMPURITIES

Nitrogen compounds (as N)0,003 %
 Chloride (Cl).....0,002 %
 Phosphate (PO₄).....0,002 %
 Sulphate (SO₄).....0,005 %
 Heavy metals (as Pb).....0,002 %
 Cd.....0,002 %
 Co.....0,002 %
 Cr.....0,002 %
 Cu.....0,002 %
 Fe.....0,002 %
 K.....0,05 %
 Ni.....0,002 %
 Pb.....0,002 %
 Zn.....0,005 %

Order code	Package	Units/Box st.
121708.1208	100 g	6
121708.1209	250 g	6
121708.1214	5 kg	4

Sodium Peroxide, 95% granulated PS

Na₂O₂
 M: 77,98 CAS: 1313-60-6 EINECS: 215-209-4 NC: 2815 30 00 UN: 1504
 IMDG: 5.1/I ADR: 5.1/I IATA: 5.1/I PAX: P CAO: 512
 Signal Word: Danger



H272-H314

SPECIFICATIONS:
 Minimum assay (Perm.) 95 %

Order code	Package	Units/Box st.
161708.1208	100 g	6

Sodium Peroxodisulphate PRS

Na₂S₂O₈
 M: 238,09 CAS: 7775-27-1 EINECS: 231-892-1 NC: 2833 40 00 UN: 1505
 IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518
 Signal Word: Danger



H272-H302-H334-H317

SPECIFICATIONS:
 Assay (Iodom.) 98 %*
 Insoluble matter in H₂O 0,05 %
 Chlorine compounds (as Cl) 0,05 %
 Nitrogen compounds (as N) 0,1 %
 Ca 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Mg 0,01 %
 Ni 0,002 %
 Pb 0,002 %

*At the moment of the batch analysis

Order code	Package	Units/Box st.
143396.1210	500 g	6
143396.1211	1000 g	6
143396.1214	5 kg	4

Sodium Peroxydisulphate

(see Sodium Peroxodisulphate)

Sodium Persulphate

(see Sodium Peroxodisulphate)

Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS

(KALIGNOST ®) (® Registered trade-mark of Heyl Co. Berlin)
 C₂₄H₂₀BNa

M: 342,23 CAS: 143-66-8 EINECS: 205-605-5 NC: 2931 00 95

SPECIFICATIONS:
 Minimum assay 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Loss on drying at 105°C 0,5 %
 Sensitivity to K p/t.

Order code	Package	Units/Box st.
132440.1605	10 g	6
132440.1606	25 g	6
132440.1608	100 g	6

di-Sodium Phenyl Phosphate 2-hydrate PA

for determination of phosphatase in milk

Na₂C₆H₅PO₄·2H₂O

M: 254,09 CAS: 3279-54-7 EINECS: 221-917-4 NC: 2919 90 90

SPECIFICATIONS:
 Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,05 %
 Loss on drying at 105°C 15 %
 Phenol p/t.

Order code	Package	Units/Box st.
121674.1605	10 g	6
121674.1607	50 g	6

di-Sodium di-Phosphate

(see di-Sodium di-Hydrogen Pyrophosphate)

Sodium Phosphate mono-Basic

(see Sodium di-Hydrogen Phosphate)

tetra-Sodium di-Phosphate

(see tetra-Sodium Pyrophosphate)

Sodium Phosphate di-Basic

(see di-Sodium Hydrogen Phosphate)

Sodium Phosphate tri-Basic

(see tri-Sodium Phosphate)

tri-Sodium Phosphate 1-hydrate PRS

Na₃PO₄·H₂O
 M: 181,15 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:

Assay (Acidim.) 95 %
 Insoluble matter in H₂O 0,05 %
 Nitrogen compounds (as N) 0,005 %
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,05 %
 As 0,0005 %
 Cu 0,003 %
 Fe 0,003 %
 Ni 0,003 %
 Pb 0,003 %

Order code	Package	Units/Box st.
141681.1210	500 g	6
141681.1211	1000 g	6
141681.0914	5 kg	

tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS

Na₃PO₄·12H₂O
 M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:

Assay (Acidim.) 98,0-102,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Alkalinity (as NaOH) 2,5 %
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,001 %
 Sulphate (SO₄) 0,01 %
 Heavy metals (as Pb) 0,001 %
 As 0,0005 %
 Ca 0,0005 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131680.1210	500 g	6
131680.1211	1000 g	6
131680.0914	5 kg	
131680.0416	25 kg	

tri-Sodium Phosphate 12-hydrate PRS

Na₃PO₄·12H₂O
 M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:

Assay (Acidim.) 98 %
 Insoluble matter in H₂O 0,025 %
 Nitrogen compounds (as N) 0,005 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,03 %
 As 0,0005 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141680.1210	500 g	6
141680.1211	1000 g	6
141680.0914	5 kg	
141680.0416	25 kg	

tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO

Na₃PO₄·12H₂O
 M: 380,12 CAS: 10101-89-0 EINECS: 231-509-8 NC: 2835 29 30

SPECIFICATIONS:

Assay (Na₃PO₄) calc. on ignited basis, not less than 92,0 %
 pH of 1% solution 11,5-12,0
 P₂O₅ content (a.a.s.) 40,5-43,5 %
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 10 ppm
 Loss on ignition 45,0-57,0 %
 Insoluble substances, not more than 0,2 %
 Heavy metals (as Pb), not more than 10 ppm
 Cadmium, not more than 1 ppm
 Lead, not more than 4 ppm
 Mercury (Hg), not more than 1 ppm
 Specifications Dir. 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201680.0914	5 kg	
201680.0416	25 kg	

Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX

NaH₂PO₂·H₂O

M: 105,99 CAS: 10039-56-2 EINECS: 231-669-9 NC: 2835 10 00

SPECIFICATIONS:

Assay (Iodom.) 99,0-103,0%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in H₂O p/t.
 Residual solvents (Ph.Eur./USP) p/t.
 Acidity p/t.
 Chloride (Cl) 0,04 %
 Phosphate, Phosphite p/t.
 Sulphate (SO₄) 0,05 %
 Heavy metals (as Pb) 0,002 %
 As 0,0005 %
 Ca 0,02 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141697.1209	250 g	6
141697.1211	1000 g	6
141697.1214	5 kg	4

Sodium Plumbite solution (Doctor solution) RE

sulphide reagent

NC: 3822 00 00 UN: 3266

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314-H360Df-H332-H302-H373-H411

1l-1,143kg 1kg~0,875l

SPECIFICATIONS:

Suitability as sulphide reagent p/t.

Order code	Package	Units/Box st.
175506.1211	1000 ml	6

Sodium Polyanetholesulphonate

(see Polyanetholesulphonic Acid Sodium Salt)

Sodium Poly meta-Phosphate

(see Sodium Polyphosphate)

Sodium Polyphosphate PRS

(NaPO₃)_n

CAS: 50813-16-6 EINECS: 233-343-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (as P₂O₅)(Acidim.) 65-70 %
 Insoluble matter in H₂O 0,01 %
 Chloride (Cl) 0,03 %
 Sulphate (SO₄) 0,1 %
 As 0,0002 %
 Cu 0,0025 %
 Fe 0,01 %
 Ni 0,0025 %
 Pb 0,0025 %

Order code	Package	Units/Box st.
141684.1210	500 g	6
141684.1211	1000 g	6
141684.1214	5 kg	4
141684.0416	25 kg	

Sodium Polyphosphate (E-452i, F.C.C.) ADITIO

(NaPO₃)_n

CAS: 50813-16-6 EINECS: 233-343-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (as P₂O₅) calculated on ignited basis 60,5-70,6 %
 Arsenic (as As), not more than 3 ppm
 Fluoride, not more than 10 ppm
 Insoluble matter in water, not more than 0,1 %
 Loss on heating, not more than 1 %
 pH of 1% 3,6-9,0
 Lead, not more than 4 ppm
 Mercury, not more than 1 ppm
 Cadmium, not more than 1 ppm
 Specifications Directive 2002/82/EC, F.C.C. 6

Order code	Package	Units/Box st.
201684.1214	5 kg	4
201684.0416	25 kg	

Sodium Propanedionate

(see Sodium Malonate)

Sodium Propionate (USP-NF) PRS-CODEX

CH₃CH₂COONa

M: 96,06 CAS: 137-40-6 EINECS: 205-290-4 NC: 2915 50 00

Signal Word: Warning



H312

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s 99,0-100,5%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Alkalinity p/t.
 Water (H₂O) 1,0 %
 Residual solvents (Ph.Eur./USP) p/t.
 Heavy metals (as Pb) 0,001 %

Order code	Package	Units/Box st.
143473.1209	250 g	6
143473.1211	1000 g	6

tetra-Sodium Pyrophosphate anhydrous PRS

Na₄P₂O₇

M: 265,91 CAS: 7722-88-5 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.) 99 %
 pH of 5% solution 9,5-10,7
 Insoluble matter in H₂O 0,05 %
 Chloride (Cl) 0,1 %
 Nitrate (NO₃) 0,02 %
 As 0,001 %
 Ca 0,1 %
 Cu 0,003 %
 Fe 0,003 %
 Mg 0,1 %
 Ni 0,003 %
 Pb 0,003 %

Order code	Package	Units/Box st.
141711.1210	500 g	6
141711.1211	1000 g	6
141711.0914	5 kg	
141711.0416	25 kg	

tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO

Na₄P₂O₇

M: 265,91 CAS: 7722-88-5 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Na₄P₂O₇) calc. on ignited basis 95,0-100,5%
 Arsenic (as As), not more than 3 ppm
 Insoluble substances, not more than 0,2 %
 Loss on ignition, not more than 0,5 %
 P₂O₅ content 52,5-54,0 %
 pH of 1% 9,9-10,7
 Fluoride, not more than 10 ppm
 Lead, not more than 4 ppm
 Cadmium, not more than 1 ppm
 Mercury, not more than 1 ppm
 Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201711.0914	5 kg	

tetra-Sodium Pyrophosphate 10-hydrate PA

Na₄P₂O₇·10H₂O

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99,0 %
 pH of 5% solution 9,5-10,7

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Carbonate p/t.
 Chloride (Cl) 0,005 %
 Nitrate (NO₃) 0,003 %
 Sulphate (SO₄) 0,005 %
 As 0,0003 %
 Ca 0,01 %
 Cu 0,0005 %
 Fe 0,0005 %
 Mg 0,01 %
 Ni 0,0005 %
 Pb 0,0005 %

Order code	Package	Units/Box st.
121710.1210	500 g	6
121710.1211	1000 g	6
121710.1214	5 kg	4
121710.0416	25 kg	

tetra-Sodium Pyrophosphate 10-hydrate PRS

Na₂P₂O₇·10H₂O

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Acidim.)	98 %
pH of 5% solution	9,5-10,7
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,01 %
Nitrate (NO ₃)	0,01 %
Sulphate (SO ₄)	0,05 %
As	0,001 %
Ca	0,05 %
Cu	0,003 %
Fe	0,003 %
Mg	0,05 %
Ni	0,003 %
Pb	0,003 %

Order code	Package	Units/Box st.
141710.1210	500 g	6
141710.1211	1000 g	6
141710.1214	5 kg	4
141710.0416	25 kg	

tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO

Na₂P₂O₇·10H₂O

M: 446,06 CAS: 13472-36-1 EINECS: 231-767-1 NC: 2835 39 00

SPECIFICATIONS:

Assay (Na ₂ P ₂ O ₇) calculated on ignited basis	95,0-100,5%
Arsenic (as As), not more than	3 ppm
Insoluble substances, not more than	0,2 %
Loss on ignition	38,0-42,0 %
P ₂ O ₅ content calculated on ignited basis	52,5-54,0 %
pH of 1% solution	9,9-10,7
Fluoride, not more than	10 ppm
Cadmium, not more than	1 ppm
Mercury, not more than	1 ppm
Lead, not more than	4 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201710.1214	5 kg	4
201710.0416	25 kg	

Sodium Pyrophosphate di-Basic

(see di-Sodium di-Hydrogen Pyrophosphate)

Sodium Pyrophosphate tetra-Basic

(see tetra-Sodium Pyrophosphate)

Sodium Pyrosulphite

(see Sodium Disulphite)

Sodium Rhodanide

(see Sodium Thiocyanate)

Sodium Salicylate PA

C₇H₅NaO₃

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay (Perchl. Ac.) a.d.s.	99,5 %
Identity	IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,02 %
Loss on drying at 105°C	0,2 %
Chloride (Cl)	0,002 %
Heavy metals (as Pb)	0,001 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,001 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
121859.1209	250 g	6
121859.1211	1000 g	6
121859.0914	5 kg	
121859.0416	25 kg	

Sodium Salicylate (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

C₇H₅NaO₃

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.	99,5-100,5%
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in H ₂ O	p/t.
Loss on drying at 105°C	0,5 %
Residual solvents (Ph.Eur./USP)	p/t.
Acidity	p/t.
Chloride (Cl)	0,02 %
Sulphate (SO ₄)	0,06 %
Sulphite and thiosulphate	p/t.
Heavy metals (as Pb)	0,002 %

Order code	Package	Units/Box st.
141859.1209	250 g	6
141859.1211	1000 g	6
141859.0914	5 kg	

Sodium Salicylate, 99% PS

C₇H₅NaO₃

M: 160,11 CAS: 54-21-7 EINECS: 200-198-0 NC: 2918 21 00

Signal Word: Warning

H302

SPECIFICATIONS:

Minimum assay	99 %
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Order code	Package	Units/Box st.
151859.1604	5 g	6
151859.1609	250 g	6
151859.1611	1000 g	6

Sodium Selenite anhydrous PRS

Na₂SeO₃

M: 172,94 CAS: 10102-18-8 EINECS: 233-267-9 NC: 2842 90 10 UN: 2630

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger

H331-H300-EUH031-H317-H411

SPECIFICATIONS:

Assay (Iodom.)	98 %
Appearance	p/t.
Identity:	
Selenite	p/t.
Sodium	p/t.
Insoluble matter in H ₂ O	0,05 %
Chloride (Cl)	0,05 %
Selenite and sulphate (as SO ₄)	0,2 %
Fe	0,005 %

Order code	Package	Units/Box st.
142756.1208	100 g	6
142756.1209	250 g	6
142756.1214	5 kg	4

Sodium Selenite anhydrous (BP) CODEX

Na₂SeO₃

M: 172,94 CAS: 10102-18-8 EINECS: 233-267-9 NC: 2842 90 10 UN: 2630

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger

H331-H300-EUH031-H317-H411

SPECIFICATIONS:

Assay (as Se) calc. a.d.s.	44,0-46,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Clarity of solution	p/t.
Loss on drying at 105°C	1,0 %
Alkalinity	p/t.
Chloride (Cl)	0,1 %
Sulphate (SO ₄)	0,2 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
192756.1211	1000 g	6
192756.1214	5 kg	4

Sodium Silicate neutral solution QP

Na₂SiO₃

M: 122,07 CAS: 1344-09-8 EINECS: 215-687-4 NC: 2839 19 00

Signal Word: Warning



H319-H335-H315

1l~1,365kg 1kg~0,733l

SPECIFICATIONS:

pH of 5% solution	.....	<11,5
Density at 20/4	.....	1,350-1,380
Cu	.....	0,005 %
Ni	.....	0,005 %
Pb	.....	0,005 %

Order code	Package	Units/Box st.
211714.1211	1000 ml	6
211714.1212	2,5 l	4
211714.1214	5 l	4
211714.0716	25 l	

Sodium Stannate 3-hydrate PRS

Na₂SnO₃·3H₂O

M: 266,71 CAS: 12209-98-2 EINECS: 234-724-5 NC: 2841 90 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Sn)	.....	42 %
Total alkalinity (as NaOH)	.....	29,0-32,5 %
Cu	.....	0,001 %
Fe	.....	0,001 %
Ni	.....	0,001 %
Pb	.....	0,001 %

Order code	Package	Units/Box st.
142970.1210	500 g	6
142970.1214	5 kg	4

Sodium Stearate PRS

C₁₈H₃₅NaO₂

M: 306,46 CAS: 822-16-2 EINECS: 212-490-5 NC: 2915 70 30

SPECIFICATIONS:

Assay (as Na)	.....	7,4-7,8 %
Loss on drying at 105°C	.....	3 %
Free acidity (as Stearic Acid)	.....	1 %

Order code	Package	Units/Box st.
145522.1211	1000 g	6
145522.0914	5 kg	

Sodium Stearate (E-470a) ADITIO

C₁₈H₃₅NaO₂

M: 306,46 CAS: 822-16-2 EINECS: 212-490-5 NC: 2915 70 30

SPECIFICATIONS:

Minimum assay calc. a.a.s.	.....	95 %
Sodium (as Na ₂ O)	.....	9-14 %
Unsaponifiable matter, not more than	.....	2 %
Free fat acids (as Oleic Ac.), not more than	.....	3 %
Arsenic, not more than	.....	3 ppm
Lead, not more than	.....	5 ppm
Mercury, not more than	.....	1 ppm
Cadmium, not more than	.....	1 ppm
Heavy metals (as Pb), not more than	.....	10 ppm
Free alkali (as NaOH), not more than	.....	0,1 %
Insoluble matter in alcohol, not more than	.....	0,2 %

Order code	Package	Units/Box st.
205522.0914	5 kg	
205522.0416	25 kg	

Sodium Succinate 6-hydrate PA

(CH₂COONa)₂·6H₂O

M: 270,15 CAS: 6106-21-4 EINECS: 205-778-7 NC: 2917 19 90

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	.....	99,0 %
Identity	.....	IR p/t
pH of 5% solution	.....	8,2-9,2

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	.....	0,005 %
Loss on drying at 120°C	.....	39-41 %
Chloride (Cl)	.....	0,001 %
Phosphate (PO ₄)	.....	0,001 %
Sulphate (SO ₄)	.....	0,005 %
Ammonium (NH ₄)	.....	0,0001 %
As	.....	0,0001 %
Ca	.....	0,005 %
Cu	.....	0,0005 %
Fe	.....	0,0005 %
K	.....	0,05 %
Ni	.....	0,0005 %
Pb	.....	0,0005 %
Zn	.....	0,0002 %

Order code	Package	Units/Box st.
122052.1210	500 g	6
122052.1211	1000 g	6
122052.0914	5 kg	

Sodium Succinate anhydrous PRS

C₄H₄Na₂O₄

M: 162,06 CAS: 150-90-3 EINECS: 205-778-7 NC: 2917 19 90

SPECIFICATIONS:

Assay (Perchl. Ac.)	.....	99 %
Identity	.....	IR p/t
Insoluble matter in H ₂ O	.....	0,01 %
Loss on drying at 120°C	.....	0,3 %
Chloride (Cl)	.....	0,01 %
Sulphate (SO ₄)	.....	0,01 %
Cu	.....	0,002 %
Fe	.....	0,002 %
Ni	.....	0,002 %
Pb	.....	0,002 %

Order code	Package	Units/Box st.
143578.1210	500 g	6
143578.1214	5 kg	4

Sodium Sulphate anhydrous, granulated (PAR) PAI

Na₂SO₄

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	.....	0,005 %
Loss on ignition at 800°C	.....	0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	.....	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	.....	5 ng/l
Granular size:		
Less than 0,25 mm	.....	20 %

Order code	Package	Units/Box st.
325708.1611	1000 g	6

Sodium Sulphate anhydrous, powder (PAR) PAI

Na₂SO₄

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	.....	0,005 %
Loss on ignition at 800°C	.....	0,2 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane)	.....	5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion)	.....	5 ng/l
Granular size:		
More than 0,75 mm	.....	5 %

Order code	Package	Units/Box st.
325709.1611	1000 g	6
325709.1612	2,5 kg	6

Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO

Na₂SO₄

M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00

SPECIFICATIONS:

Minimum assay 99,0 %
pH of 5% solution 5,2-8

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	.....	0,005 %
Loss on ignition at 800°C	.....	0,5 %
Chloride (Cl)	.....	0,001 %
Nitrogen compounds (as N)	.....	0,0005 %
Phosphate (PO ₄)	.....	0,001 %
Heavy metals (as Pb)	.....	0,0005 %
As	.....	0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	.....	5	Cr	.....	10	Pb	.....	5
Al	.....	5	Cu	.....	5	Pt	.....	5
Au	.....	5	Fe	.....	5	Sb	.....	5
B	.....	5	Ga	.....	5	Se	.....	5
Ba	.....	5	In	.....	5	Si	.....	5
Be	.....	5	K	.....	20	Sr	.....	5
Bi	.....	5	Mg	.....	50	Ti	.....	5
Ca	.....	100	Mn	.....	5	V	.....	5
Cd	.....	5	Mo	.....	5	Zr	.....	5
Co	.....	5	Ni	.....	5			

Order code	Package	Units/Box st.
131716.1210	500 g	6
131716.1211	1000 g	6
131716.1214	5 kg	4
131716.0416	25 kg	

Sodium Sulphate anhydrous PRS

Na₂SO₄
M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Insoluble matter in H₂O 0,025 %
 Chloride (Cl) 0,01 %
 Nitrogen compounds (as N) 0,005 %
 Phosphate (PO₄) 0,005 %
 As 0,0002 %
 Ca 0,03 %
 Cu 0,002 %
 Fe 0,002 %
 Mg 0,03 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141716.1210	500 g	6
141716.1211	1000 g	6
141716.1214	5 kg	4
141716.0416	25 kg	

Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX

Na₂O.S
 Na₂SO₄
M.= 142,04 CAS [7757-82-6] EINECS 231-820-9
NC: 2833 11 00 E -514
SPECIFICATIONS:
 Assay (calc. a.d.s.) 99,0-101,0 %
 Identity according to Pharmacopoeias p/t.
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Appearance of solution p/t.
 Loss on drying 0,5 %
 Residual solvents (Ph.Eur./USP) p/t.
 Acidity or Alkalinity p/t.
 Reducing substances to KMnO₄ p/t.
 Chloride (Cl) 0,02 %
 Heavy metals (as Pb) 0,001 %
 Ca 0,045 %
 Fe 0,009 %
 Mg 0,02 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
191716.1214	5 kg	4
191716.0416	25 kg	

Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO

Na₂SO₄
M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Assay (Na₂SO₄) after drying 99,0-100,5%
 Appearance p/t
 Identity:
 Sulphate p/t.
 Sodium p/t.
 Acidity 5% solution neutral or slightly alkaline p/t.
 Loss on drying, not more than 1,0 %
 Selenium, not more than 0,003 %
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 2 ppm
 Specifications Dir. 2008/84/EC, F.C.C. 6, R.D. 1466/2009
 "For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C."

Order code	Package	Units/Box st.
201716.1214	5 kg	4
201716.0416	25 kg	

Sodium Sulphate anhydrous, 99% PS

Na₂SO₄
M: 142,04 CAS: 7757-82-6 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Assay (calc. a.d.s.) 99 %
 Identity IR p/t.

Order code	Package	Units/Box st.
151716.1210	500 g	6
151716.0914	5 kg	4

Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS

Na₂SO₄.10H₂O
M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Minimum assay 99,0 %
 pH of 5% solution 5,2-8,2
MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Chloride (Cl) 0,0005 %
 Nitrogen compounds (as N) 0,0003 %
 Phosphate (PO₄) 0,0005 %
 Heavy metals (as Pb) 0,0003 %
 As 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 5	Cr 5	Mo 5
Al 5	Cu 5	Ni 5
Ba 5	Fe 5	Pb 3
Bi 5	K 20	Sr 5
Ca 20	Li 20	Tl 5
Cd 5	Mg 10	Zn 5
Co 5	Mn 5	

Order code	Package	Units/Box st.
131715.1210	500 g	6
131715.1211	1000 g	6
131715.1214	5 kg	4
131715.0416	25 kg	

Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

Na₂SO₄.10H₂O
M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Assay (calc. a.a.s.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t.
 pH of 5% solution 5,2-9,2
MAXIMUM LIMIT OF IMPURITIES
 Appearance of solution p/t.
 Loss on drying at 130°C 52,0-57,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Acidity or Alkalinity p/t.
 Chloride (Cl) 0,01 %
 Nitrogen compounds (as N) 0,003 %
 Heavy metals (as Pb) 0,001 %
 As 0,0002 %
 Ca 0,01 %
 Fe 0,002 %
 Mg 0,01 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141715.1210	500 g	6
141715.1211	1000 g	6
141715.1214	5 kg	4
141715.0416	25 kg	

Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO

Na₂SO₄.10H₂O
M: 322,19 CAS: 7727-73-3 EINECS: 231-820-9 NC: 2833 11 00
SPECIFICATIONS:
 Assay (Na₂SO₄) after drying 99,0-100,5%
 Loss on drying 51,0-57,0 %
 Selenium, not more than 0,003 %
 Arsenic, not more than 3 ppm
 Mercury, not more than 1 ppm
 Lead, not more than 2 ppm
 Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201715.1214	5 kg	4
201715.0416	25 kg	

Sodium Sulphide x-hydrate QP

Na₂S.xH₂O
M: 78,04(anh.) CAS: 1313-84-4 EINECS: 215-211-5 NC: 2830 10 00 UN: 1849
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



SPECIFICATIONS:
 Assay (as Na₂S) (Iodom.) 30 %
 Nitrogen compounds (as N) 0,01 %

Order code	Package	Units/Box st.
211682.1610	500 g	6
211682.1214	5 kg	4

Sodium Sulphite anhydrous PA-ACS

Na₂SO₃

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Minimum assay (Iodom.) 98,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Acidity.....	p/t
Alkalinity.....	0,03 meq/g
Chloride (Cl).....	0,01 %
Thiosulphate.....	p/t
Heavy metals (as Pb).....	0,001 %
As.....	0,0001 %
Ca.....	0,013 %
Cu.....	0,001 %
Fe.....	0,001 %
K.....	0,05 %
Mg.....	0,013 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
131717.1210	500 g	6
131717.1211	1000 g	6
131717.1214	5 kg	4
131717.0416	25 kg	

Sodium Sulphite anhydrous PRS

Na₂SO₃

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (Iodom.).....	95 %
Insoluble matter in H ₂ O.....	0,025 %
Alkalinity.....	0,05 meq/g
Chloride (Cl).....	0,05 %
As.....	0,0001 %
Ca.....	0,05 %
Cu.....	0,003 %
Fe.....	0,003 %
Mg.....	0,05 %
Ni.....	0,003 %
Pb.....	0,003 %

Order code	Package	Units/Box st.
141717.1210	500 g	6
141717.1211	1000 g	6
141717.1214	5 kg	4
141717.0416	25 kg	

Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX

Na₂SO₃

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (Iodom.)..... 95,0-100,5%

Identity according to Pharmacopoeias p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t
Insoluble matter in H ₂ O.....	p/t
Residual solvents (Ph.Eur./USP).....	p/t
Thiosulphate.....	0,1 %
Heavy metals (as Pb).....	0,001 %
Fe.....	0,001 %
Se.....	0,001 %
Zn.....	0,0025 %

Order code	Package	Units/Box st.
191717.1211	1000 g	6
191717.1214	5 kg	4
191717.0416	25 kg	

Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO

for treatment of water intended for human consumption

Na₂SO₃

M: 126,04 CAS: 7757-83-7 EINECS: 231-821-4 NC: 2832 10 00

SPECIFICATIONS:

Assay (as Na ₂ SO ₃), not less than.....	95,0 %
Assay (as SO ₃), not less than.....	48,0 %
Appearance.....	p/t
Apparent density.....	1,2-1,5 g/ml
pH of saturated solution.....	9,7-10,2
pH of 10% solution.....	8,5-11,5
Sodium Sulphate, not more than.....	5 %
Arsenic (as As), not more than.....	1 ppm
Iron, not more than.....	25 ppm
Lead, not more than.....	2 ppm
Selenium, not more than.....	1 ppm
Heavy metals (as Pb), not more than.....	10 ppm
Thiosulphate, not more than.....	0,05 %
Mercury (Hg), not more than.....	0,5 ppm
Antimony, not more than.....	2 ppm
Cadmium, not more than.....	1 ppm
Chromium, not more than.....	1 ppm
Nickel, not more than.....	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6, UNE-EN 12124

Order code	Package	Units/Box st.
201717.1214	5 kg	4
201717.0416	25 kg	

Sodium Sulphocyanide

(see Sodium Thiocyanate)

Sodium Sulphoxylate

(see Sodium Dithionite)

Sodium Tartrate anhydrous PA

Na₂(COO)₂(CHOH)₂

M: 194,06 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)..... 99,0 %

pH of 5% solution 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Loss on drying at 150°C.....	0,5 %
Chloride (Cl).....	0,005 %
Phosphate (PO ₄).....	0,005 %
Sulphate (SO ₄).....	0,005 %
Ammonium (NH ₄).....	0,003 %
As.....	0,00005 %
Ca.....	0,005 %
Cu.....	0,0005 %
Fe.....	0,001 %
K.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,0005 %

Order code	Package	Units/Box st.
121720.1210	500 g	6
121720.1211	1000 g	6
121720.0914	5 kg	

Sodium Tartrate 2-hydrate EQP-ACS

Primary Chemical Matter

Na₂(COO)₂(CHOH)₂·2H₂O

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)..... 99,0-101,0%

pH of 5% solution 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Loss on drying at 150°C.....	15,66 ±0,05 %
Chloride (Cl).....	0,0005 %
Phosphate (PO ₄).....	0,0005 %
Sulphate (SO ₄).....	0,002 %
Ammonium (NH ₄).....	0,003 %
Heavy metals (as Pb).....	0,0005 %
As.....	0,00005 %
Ca.....	0,005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,0005 %

Order code	Package	Units/Box st.
241719.1521	10 x 1,5 g	6
241719.1608	100 g	6

Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA

Na₂(COO)₂(CHOH)₂·2H₂O

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.)..... 99,0-101,0%

pH of 5% solution 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Chloride (Cl).....	0,0005 %
Phosphate (PO ₄).....	0,0005 %
Sulphate (SO ₄).....	0,002 %
Ammonium (NH ₄).....	0,003 %
Heavy metals (as Pb).....	0,0005 %
As.....	0,00005 %
Ca.....	0,005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,002 %
Ni.....	0,0005 %
Pb.....	0,0005 %

Order code	Package	Units/Box st.
121719.1210	500 g	6
121719.1211	1000 g	6
121719.0914	5 kg	
121719.0416	25 kg	

Sodium Tartrate 2-hydrate PRS

Na₂(COO)₂(CHOH)₂·2H₂O

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (Perchl. Ac.).....	99,0 %
pH of 5% solution	7-9
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,005 %
Phosphate (PO ₄).....	0,005 %
Sulphate (SO ₄).....	0,01 %
Ammonium (NH ₄).....	0,005 %
Heavy metals (as Pb).....	0,002 %
As	0,0001 %
Ca	0,01 %
Cu	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141719.1210	500 g	6
141719.1211	1000 g	6
141719.0914	5 kg	
141719.0416	25 kg	

Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO

Na₂(COO)₂(CHOH)₂·2H₂O

M: 230,08 CAS: 6106-24-7 EINECS: 212-773-3 NC: 2918 13 00

SPECIFICATIONS:

Assay (C ₄ H ₄ Na ₂ O ₆) after drying	99,0-100,5%
pH of 1% solution	7,0-7,5
Arsenic (as As), not more than	3 ppm
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Oxalate (as oxalic acid) a.a.s., not more than	0,01 %
Loss on drying.....	14,0-17,0 %
Mercury (Hg), not more than	1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201719.0914	5 kg	
201719.0416	25 kg	

di-Sodium Tetraborate

(see di-Sodium tetra-Borate)

Sodium Tetrahydroborane

(see Sodium Borohydride)

Sodium Tetraphenylborate

(see Sodium tetra-Phenylborate)

Sodium Thiocyanate PA-ACS

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

Signal Word: Warning

H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Minimum assay (Arg).....	98,0 %
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Carbonate (as Na ₂ CO ₃).....	0,2 %
Iodine-reducing substances (as I)	0,05 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,01 %
Sulphide (S).....	0,001 %
Ammonium (NH ₄).....	0,002 %
Heavy metals (as Pb).....	0,0005 %
Cu	0,0005 %
Fe.....	0,0002 %
Ni.....	0,0005 %
Pb.....	0,0005 %

Order code	Package	Units/Box st.
131718.1210	500 g	6
131718.1211	1000 g	6
131718.0914	5 kg	
131718.0416	25 kg	

Sodium Thiocyanate PRS

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

Signal Word: Warning

H332-H312-H302-EUH032-H412

SPECIFICATIONS:

Assay (Arg).....	98 %
Insoluble matter in H ₂ O.....	0,01 %
Chloride (Cl).....	0,05 %
Sulphate (SO ₄).....	0,03 %
Cu	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141718.1210	500 g	6
141718.1211	1000 g	6
141718.0914	5 kg	
141718.0416	25 kg	

Sodium Thiocyanate 0,1 mol/l (0,1N) SV

Indicator: Alum Iron Ammonium

NaSCN

M: 81,07 CAS: 540-72-7 EINECS: 208-754-4 NC: 2842 90 80

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Titer	1,000±0,001
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Order code	Package	Units/Box st.
182292.1211	1000 ml	6

Sodium Thiosulphate anhydrous PA

Na₂S₂O₃

M: 158,13 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2842 90 80

SPECIFICATIONS:

Minimum assay (Iodom.)	99,0 %
pH of 5% solution	6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Loss on drying at 105°C.....	1 %
Chloride (Cl).....	0,05 %
Sulphate and Sulphite (as SO ₄)	0,5 %
Sulphide (S).....	0,0005 %
Ca	0,004 %
Cd.....	0,001 %
Co.....	0,001 %
Cu	0,001 %
Fe.....	0,001 %
K.....	0,01 %
Ni.....	0,001 %
Pb.....	0,001 %
Zn	0,001 %

Order code	Package	Units/Box st.
121879.1209	250 g	6
121879.1211	1000 g	6
121879.0914	5 kg	

Sodium Thiosulphate 5-hydrate PA-ACS

Na₂S₂O₃·5H₂O

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (Iodom.).....	99,5-101,0%
pH of 5% solution	6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,005 %
Nitrogen compounds (as N)	0,002 %
Chloride (Cl).....	0,02 %
Sulphate and Sulphite (as SO ₄)	0,1 %
Sulphide (S).....	0,0001 %
Heavy metals (as Pb).....	0,0005 %
Ca	0,002 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu	0,0005 %
Fe.....	0,0005 %
K.....	0,005 %
Mg	0,001 %
Mn	0,0005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
131721.1210	500 g	6
131721.1211	1000 g	6
131721.1214	5 kg	4
131721.0416	25 kg	

S

Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

Na₂S₂O₃·5H₂O

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (Iodom.) 99,0-100,5%
 Identity according to Pharmacopoeias p/t.
 pH of 10% solution 6,0-8,4

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Loss on drying 32,0-37,0 %
 Residual solvents (Ph.Eur./USP) p/t
 Nitrogen compounds (as N) 0,01 %
 Chloride (Cl) 0,02 %
 Sulphate and Sulphite (as SO₄) 0,2 %
 Sulphide (S) p/t.
 Heavy metals (as Pb) 0,001 %
 As 0,0003 %
 Ca p/t.
 Cu 0,001 %
 Fe 0,001 %
 Mg 0,01 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
141721.1210	500 g	6
141721.1211	1000 g	6
141721.1214	5 kg	4
141721.0416	25 kg	

Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO

Na₂S₂O₃·5H₂O

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Assay (as Na₂O₃S₂) after drying 99,0-100,5%
 Lead, not more than 2 ppm
 Selenium, not more than 0,003 %
 Water 32,0-37,0 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201721.1214	5 kg	4
201721.0416	25 kg	

SODIUM THIOSULPHATE VOLUMETRIC SOLUTIONS

Sodium Thiosulphate 0,01 mol/l (0,01N) SV

Indicator: Starch.

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182577.1211	1000 ml	6

Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182914.1214	5 l	4

Sodium Thiosulphate 0,05 mol/l (0,05N) SV

Indicator: Starch

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,007kg 1kg-0,993l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
182160.1211	1000 ml	6

Sodium Thiosulphate 0,1 mol/l (0,1N) SV

Indicator: Starch

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,012kg 1kg-0,988l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181723.1211	1000 ml	6
181723.1212	2,5 l	4
181723.1315	10 l	(*)

Sodium Thiosulphate 0,1 mol (24,818g Na₂S₂O₃·5H₂O) to prepare 1l of 0,1N solution SVc

Na₂S₂O₃·5H₂O

M: 248,18 CAS: 10102-17-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

Titer 1,000 ±0,002

Order code	Package	Units/Box st.
303127.1920	1 ampoule	6

Sodium Thiosulphate 0,2 mol/l (0,2N) SV

Indicator: Starch

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

SPECIFICATIONS:

1l-1,02kg 1kg-0,98l

Titer 1,000±0,001

Order code	Package	Units/Box st.
183489.1212	2,5 l	4

Sodium Thiosulphate 1 mol/l (1N) SV

Indicator: Starch

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,121kg 1kg-0,892l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
181722.1211	1000 ml	6

Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT

for determination of reducing sugars in wine, according to Rebelein method.

Indicator: Starch (see also Rebelein's Kit)

Na₂S₂O₃

M: 158,10 CAS: 7772-98-7 EINECS: 231-867-5 NC: 2832 30 00

1l-1,016kg 1kg-0,984l

SPECIFICATIONS:

Titer 1,000±0,001

Order code	Package	Units/Box st.
624576.1211	1000 ml	6

Sodium Tosylchloramide

(see Chloramine T 3-hydrate)

Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS

Na₂WO₄·2H₂O

M: 329,86 CAS: 10213-10-2 EINECS: 236-743-4 NC: 2841 80 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.) 99,0-101,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
 Alkalinity 0,02 meq/g
 Nitrogen compounds (as N) 0,001 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Heavy metals (as Pb) 0,001 %
 As 0,0005 %
 Fe 0,001 %
 Mo 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
131724.1208	100 g	6
131724.1209	250 g	6
131724.1211	1000 g	6
131724.1214	5 kg	4

(*) Sol-Pack pack with tap

Sodium Tungstate 2-hydrate PRS

Na₂WO₄·2H₂O

M: 329,86 CAS: 10213-10-2 EINECS: 236-743-4 NC: 2841 80 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Compl.)	98,0 %
Insoluble matter in H ₂ O	0,02 %
Alkalinity	0,05 meq/g
Chloride (Cl)	0,02 %
Ammonium (NH ₄)	0,005 %
Sulphate (SO ₄)	0,05 %
As	0,0005 %
Fe	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141724.1208	100 g	6
141724.1209	250 g	6
141724.1211	1000 g	6
141724.1214	5 kg	4

Sodium Wolframate

(see Sodium Tungstate 2-hydrate)

Solvent Black 3

(see Sudan Black B)

Solvent Red 23

(see Sudan III)

Solvent Red 24

(see Sudan IV)

Solvent Yellow 2

(see 4-(Dimethylamino) Azobenzene)

Solvent Yellow 94

(see Fluorescein)

Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₆H₈O₂

M: 112,13 CAS: 110-44-1 EINECS: 203-768-7 NC: 2916 19 30

Signal Word: Warning



H319-H335

SPECIFICATIONS:

Assay (C ₆ H ₈ O ₂) calc. a.d.s.	99,0-101,0%
Identity according to Pharmacopoeias	p/t
Melting range	132-135°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in CH ₂ CH ₂ OH	p/t
Residue on ignition (as SO ₄)	0,2 %
Aldehydes (as C ₆ H ₄ O)	0,15 %
Residual solvents (Ph.Eur./USP)	p/t
Sulphate (SO ₄)	0,005 %
Water (H ₂ O)	0,5 %
Heavy metals (as Pb)	0,001 %
As	0,0003 %

Order code	Package	Units/Box st.
141055.1209	250 g	6
141055.1210	500 g	6
141055.0914	5 kg	
141055.0416	25 kg	

Sorbic Acid (E-200, F.C.C.) ADITIO

C₆H₈O₂

M: 112,13 CAS: 110-44-1 EINECS: 203-768-7 NC: 2916 19 30

Signal Word: Warning



H319-H335

SPECIFICATIONS:

Assay (C ₆ H ₈ O ₂) calculated on the anhy. basis	99,0-101,0%
Arsenic (as As), not more than	3 ppm
Melting range	133-135°C
Residue on ignition, not more than	0,2 %
Water, not more than	0,5 %
Aldehydes (as formaldehyde), not more than	0,1 %
Heavy metals (as Pb), not more than	10 ppm
Lead, not more than	2 ppm
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6	

Order code	Package	Units/Box st.
201055.0914	5 kg	

Sorbitan Laurate

(see Sorbitan Monolaurate)

Sorbitan Monododecanoate

(see Sorbitan Monolaurate)

Sorbitan Monoheptadecanoate

(see Sorbitan Monopalmitate)

Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX

C₁₈H₃₄O₆

M: 346,52 CAS: 1338-39-2 EINECS: 215-663-3 NC: 2932 19 00

11~1,00kg 1kg~1,00l

SPECIFICATIONS:

Assay (as fatty acids)	55,0-63,0 %
Assay (as polyols)	39,0-45,0 %
Identity according to Pharmacopoeias	p/t
Hydroxyl value	330-358
Saponification value	158-170

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,5 %
Composition of fatty acids	p/t
Acidity value	7,0
Peroxide value	5,0
Iodine value	10
Residual solvents (Ph.Eur./USP)	p/t
Water (H ₂ O)	1,5 %
Heavy metals (as Pb)	0,001 %

Order code	Package	Units/Box st.
146101.1611	1000 ml	6
146101.1214	5 l	4
146101.0716	25 l	

Sorbitan Monolaurate PS

C₁₈H₃₄O₆

M: 346,52 CAS: 1338-39-2 EINECS: 215-663-3 NC: 2932 19 00

11~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity	IR p/t
Hydroxyl value	330-358
Saponification value	158-170

Order code	Package	Units/Box st.
156101.1608	100 ml	6
156101.1610	500 ml	6

(Z)-Sorbitan Mono-9-Octadecenoate

(see Sorbitan Monooleate)

Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX

C₂₄H₄₄O₆

M: 428,68 CAS: 1338-43-8 EINECS: 215-665-4 NC: 2932 19 00

11~1,00kg 1kg~1,00l

SPECIFICATIONS:

Assay (as fatty acids)	72,0-78,0 %
Assay (as polyols)	25,0-31,0 %
Identity according to Pharmacopoeias	p/t
Hydroxyl value	190-210
Saponification value	145-160
Iodine value	62-76

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,5 %
Composition of fatty acids	p/t
Acidity value	8,0
Peroxide value	10,0
Residual solvents (Ph.Eur./USP)	p/t
Water (H ₂ O)	1,0 %
Heavy metals (as Pb)	0,001 %
Vegetable origin.	
Non-added antioxidants.	

Order code	Package	Units/Box st.
146094.1611	1000 ml	6
146094.1214	5 l	4
146094.0716	25 l	

Sorbitan Monooleate PS

C₂₄H₄₄O₆

M: 428,68 CAS: 1338-43-8 EINECS: 215-665-4 NC: 2932 19 00

11~1,00kg 1kg~1,00l

SPECIFICATIONS:

Identity	IR p/t
Hydroxyl value	190-210
Saponification value	145-160

Order code	Package	Units/Box st.
156094.1608	100 ml	6
156094.1610	500 ml	6

Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX

C₂₂H₄₂O₆

M: 402,64 CAS: 26266-57-9 EINECS: 247-568-8 NC: 2932 19 00

SPECIFICATIONS:

Assay (as fatty acids).....	63,0-71,0 %
Assay (as polyols).....	32,0-38,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value.....	275-305
Saponification value.....	140-150

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition.....	0,5 %
Composition of fatty acids	p/t.
Acidity value.....	8,0
Peroxide value.....	5,0
Residual solvents (Ph.Eur./USP).....	p/t.
Water (H ₂ O).....	1,5 %
Heavy metals (as Pb).....	0,001 %

Order code	Package	Units/Box st.
146092.1211	1000 g	6
146092.0914	5 kg	
146092.0416	25 kg	

Sorbitan Monopalmitate PS

C₂₂H₄₂O₆

M: 402,64 CAS: 26266-57-9 EINECS: 247-568-8 NC: 2932 19 00

SPECIFICATIONS:

Identity.....	IR p/t.
Hydroxyl value.....	275-305
Saponification value.....	140-150

Order code	Package	Units/Box st.
156092.1208	100 g	6
156092.1210	500 g	6

Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX

C₂₄H₄₆O₆

M: 430,70 CAS: 1338-41-6 EINECS: 215-664-9 NC: 2932 19 00

SPECIFICATIONS:

Assay (as fatty acids).....	68,0-76,0 %
Assay (as polyols).....	27,0-34,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value.....	235-260
Saponification value.....	147-157

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition.....	0,5 %
Composition of fatty acids	p/t.
Acidity value.....	10,0
Peroxide value.....	5,0
Residual solvents (Ph.Eur./USP).....	p/t.
Water (H ₂ O).....	1,5 %
Heavy metals (as Pb).....	0,001 %
Type I according to Ph. Eur.	

Order code	Package	Units/Box st.
146102.1211	1000 g	6
146102.0914	5 kg	
146102.0416	25 kg	

Sorbitan Monostearate PS

C₂₄H₄₆O₆

M: 430,70 CAS: 1338-41-6 EINECS: 215-664-9 NC: 2932 19 00

SPECIFICATIONS:

Identity.....	IR p/t.
Hydroxyl value.....	235-260
Saponification value.....	147-157

Order code	Package	Units/Box st.
156102.1208	100 g	6
156102.1210	500 g	6

Sorbitan Oleate

(see Sorbitan Monooleate)

Sorbitan Palmitate

(see Sorbitan Monopalmitate)

Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX

C₃₆H₁₀₈O₁₃

M: 1109,56 CAS: 8007-43-0 EINECS: 232-360-1 NC: 2932 19 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Assay (as fatty acids).....	74,0-80,0 %
Assay (as polyols).....	22,0-28,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value.....	182-215
Saponification value.....	145-165
Iodine value.....	70-75

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition.....	0,5 %
Residual solvents (Ph.Eur./USP).....	p/t.
Composition of fatty acids	p/t.
Acid value.....	14
Peroxide value.....	10,0
Water (H ₂ O).....	1,0 %
Heavy metals (as Pb).....	0,001 %
Vegetable origin.	
Non-added antioxidants.	

Order code	Package	Units/Box st.
146156.1611	1000 ml	6
146156.1214	5 l	4
146156.0716	25 l	

Sorbitan Sesquioleate PS

C₃₆H₁₀₈O₁₃

M: 1109,56 CAS: 8007-43-0 EINECS: 232-360-1 NC: 2932 19 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Identity.....	IR p/t.
Hydroxyl value.....	182-220
Saponification value.....	143-165

Order code	Package	Units/Box st.
156156.1608	100 ml	6
156156.1610	500 ml	6

Sorbitan Stearate

(see Sorbitan Monostearate)

(Z,Z,Z)-Sorbitan Tri-9-Octadecenoate

(see Sorbitan Trioleate)

Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX

C₆₀H₁₀₈O₆

M: 957,51 CAS: 26266-58-0 EINECS: 247-569-3 NC: 2932 19 00

1l-0,98kg 1kg-1,02l

SPECIFICATIONS:

Assay (as fatty acids).....	85,5-90,0 %
Assay (as polyols).....	13,0-19,0 %
Identity according to Pharmacopoeias	p/t.
Hydroxyl value.....	55-75
Saponification value.....	170-183
Iodine value.....	77-85

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition.....	0,25 %
Residual solvents (Ph.Eur./USP).....	p/t.
Composition of fatty acids	p/t.
Acid value.....	16,0
Peroxide value.....	10,0
Water (H ₂ O).....	0,7 %
Heavy metals (as Pb).....	0,001 %
Vegetable origin.	
Non-added antioxidants.	

Order code	Package	Units/Box st.
146157.1611	1000 ml	6
146157.1214	5 l	4
146157.0716	25 l	

Sorbitan Trioleate PS

C₆₀H₁₀₈O₆

M: 957,51 CAS: 26266-58-0 EINECS: 247-569-3 NC: 2932 19 00

1l-0,98kg 1kg-1,02l

SPECIFICATIONS:

Identity.....	IR p/t.
Hydroxyl value.....	55-75
Saponification value.....	172-183

Order code	Package	Units/Box st.
156157.1608	100 ml	6
156157.1610	500 ml	6

Sorbitan Tristearate PS

C₅₈H₁₁₄O₈

M: 963,56 CAS: 26658-19-5 EINECS: 247-891-4 NC: 2932 19 00

SPECIFICATIONS:

Identity..... IR p/t.
Hydroxyl value..... 66-80
Saponification value..... 176-188

Order code	Package	Units/Box st.
156093.1208	100 g	6
156093.1210	500 g	6

D(-)-Sorbitol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₆H₁₄O₆

M: 182,17 CAS: 50-70-4 EINECS: 200-061-5 NC: 2905 44 91

SPECIFICATIONS:

Assay..... 98,0-100,5%
Identity according to Pharmacopoeias..... p/t.
Specific rotation [α]_D²⁰ c=10 (in B₂O₃·Na₂·10H₂O 12,8%)..... +4,0 to +7,0°
pH of 10% w/w solution..... 3,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution..... p/t.
Conductivity of 20% sol. at 20°C..... 20 μ S·cm⁻¹
Residue on ignition (as SO₂)..... 0,1 %
Residual solvents (Ph.Eur./USP)..... p/t.
Acidity or alkalinity..... p/t.
Reducing sugars (as C₆H₁₂O₆)..... 0,2 %
Total sugars..... 1 %
Water (H₂O)..... 1,0 %
Related substances:
Individual peak..... 2 %
Total..... 3 %
Chloride (Cl)..... 0,0050 %
Sulphate (SO₄)..... 0,010 %
Heavy metals (as Pb)..... 0,001 %
Microbiological limits:
Total aerobic microbial count (TAMC)..... 1000 cfu/g
Total combined yeast and moulds (TYMC)..... 100 cfu/g
Salmonella..... absence/10 g
Escherichia coli..... absence/g
As..... 0,0003 %
Ni..... 0,0001 %
Pb..... 0,00005 %

Order code	Package	Units/Box st.
143064.1210	500 g	6
143064.1211	1000 g	6
143064.0914	5 kg	

D(-)-Sorbitol (E-420i, F.C.C.) ADITIO

C₆H₁₄O₆

M: 182,17 CAS: 50-70-4 EINECS: 200-061-5 NC: 2905 44 91

SPECIFICATIONS:

Assay (as C₆H₁₄O₆) calc. a.d.s..... 91,0-100,5%
Assay (as Glycytols), not less than..... 98,0 %
Melting range..... 88-102°C
Arsenic (as As), not more than..... 3 ppm
Lead, not more than..... 1 ppm
Nickel, not more than..... 1 ppm
Chloride, not more than..... 0,005 %
Heavy metals (as Pb), not more than..... 5 ppm
Water, not more than..... 1,0 %
Reducing sugars (as Glucose), not more than..... 0,30 %
Residue on ignition, not more than..... 0,1 %
Sulphate, not more than..... 0,01 %
Total sugars (as Glucose), not more than..... 1,0 %
pH 10% solution..... 3,5-7,0
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
203064.0914	5 kg	
203064.0416	25 kg	

D-Sorbitol

(see D(-)-Sorbitol)

Soy Peptone (Ingredient) CULTIMED

Nutritional ingredient for preparing culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution..... 6,5-7,5
Loss on drying at 105°C..... 8 %
Residue on ignition (as SO₂)..... 15 %
Total Nitrogen..... \geq 7 %

Order code	Package	Units/Box st.
403684.1210	500 g	6
403684.0914	5 kg	
403684.0416	25 kg	

SPADNS PA

reagent of metals for fluoride determination

C₁₈H₁₂N₂Na₂O₁₁S₃

M: 570,42 CAS: 23647-14-5 EINECS: 245-803-9 NC: 2927 00 00

SPECIFICATIONS:

Identity..... IR p/t.
 λ of max. ABS at pH 7,0..... 505-510 nm
A 1%, 1 cm, λ max..... >380

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C..... 10 %
Suitability as a metal indicator..... p/t.

Order code	Package	Units/Box st.
12C071.1606	25 g	6

SPADNS PS

C₁₈H₁₂N₂Na₂O₁₁S₃

M: 570,42 CAS: 23647-14-5 EINECS: 245-803-9 NC: 2927 00 00

SPECIFICATIONS:

Identity..... IR p/t.
 λ of max. ABS at pH 7,0..... 505-510 nm
A 1%, 1 cm, λ max..... >320
Loss on drying at 105°C..... 10 %

Order code	Package	Units/Box st.
15C071.1605	10 g	6
15C071.1606	25 g	6

Span

(see Sorbitan)

SPECTROPHOTOMETRY STANDARDS

(see Standards for Spectrophotometry)

SRM Staining (Specified Risk Material)

(see: Patent Blue V solution 0,5% w/v. Patent Blue V solution 5% w/v. Tartrazine solution 0,5% w/v)

Stain Discriminator

(see Alcohol-Acetone 7:3)

STANDARDS FOR ATOMIC ABSORPTION

(see also Matrix Modifiers and Ionization Buffers for Atomic Absorption)

Aluminium standard solution Al=1,000±0,002 g/l AA

[Al(NO₃)₃·9H₂O in HNO₃ 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,020kg 1kg-0,980l

Order code	Package	Units/Box st.
313170.1209	250 ml	6
313170.1210	500 ml	6

Antimony standard solution Sb=1,000±0,002 g/l AA

(SbCl₃ in HCl 5N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,129kg 1kg-0,886l

Order code	Package	Units/Box st.
314133.1209	250 ml	6
314133.1210	500 ml	6

Arsenic standard solution As=1,000±0,002 g/l AA

(As₂O₃ in H₂O) for spectrophotometry

NC: 3822 00 00 UN: 1556

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H332-H302

1l-1,002kg 1kg-0,998l

Order code	Package	Units/Box st.
313171.1209	250 ml	6
313171.1210	500 ml	6

Barium standard solution Ba=1,000±0,002 g/l AA

[Ba(NO₃)₂ in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313172.1209	250 ml	6
313172.1210	500 ml	6

Bismuth standard solution Bi=1,000±0,002 g/l AA

[Bi(NO₃)₃.5H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,016kg 1kg~0,984l

Order code	Package	Units/Box st.
313174.1209	250 ml	6
313174.1210	500 ml	6

Cadmium standard solution Cd=1,000±0,002 g/l AA

[Cd(NO₃)₂.4H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315-H412

1l-1,015kg 1kg~0,985l

Order code	Package	Units/Box st.
313175.1209	250 ml	6
313175.1210	500 ml	6

Calcium standard solution Ca=1,000±0,002 g/l AA

[Ca(NO₃)₂.4H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313176.1209	250 ml	6
313176.1210	500 ml	6

Chromium standard solution Cr=1,000±0,002 g/l AA

[Cr(NO₃)₃.9H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,023kg 1kg~0,978l

Order code	Package	Units/Box st.
313179.1209	250 ml	6
313179.1210	500 ml	6

Cobalt standard solution Co=1,000±0,002 g/l AA

[Co(NO₃)₂.6H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,019kg 1kg~0,981l

Order code	Package	Units/Box st.
313177.1209	250 ml	6
313177.1210	500 ml	6

Copper standard solution Cu=1,000±0,002 g/l AA

[Cu(NO₃)₂.3H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,020kg 1kg~0,980l

Order code	Package	Units/Box st.
313178.1209	250 ml	6
313178.1210	500 ml	6

Fluoride standard solution F=1,000±0,005 g/l AA

(NaF in H₂O)
 NaF
 M: 41,99 CAS: 7681-49-4 EINECS: 231-667-8 NC: 3822 00 00
 1l-1,001kg 1kg~0,999l

Order code	Package	Units/Box st.
312682.1209	250 ml	6
312682.1210	500 ml	6

Gold standard solution Au=1,000±0,002 g/l AA

(HAuCl₄.4H₂O in HCl 1,2%) for spectrophotometry
 NC: 3822 00 00
 1l-1,056kg 1kg~0,947l

Order code	Package	Units/Box st.
313672.1209	250 ml	6
313672.1210	500 ml	6

Iron standard solution Fe=1,000±0,002 g/l AA

[Fe(NO₃)₃.9H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,001kg 1kg~0,999l

Order code	Package	Units/Box st.
313182.1209	250 ml	6
313182.1210	500 ml	6

Lead standard solution Pb=1,000±0,002 g/l AA

[Pb(NO₃)₂ in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,019kg 1kg~0,981l

Order code	Package	Units/Box st.
313189.1209	250 ml	6
313189.1210	500 ml	6

Lithium standard solution Li=1,000±0,002 g/l AA

(LiCl in HCl ~1%) for spectrophotometry
 NC: 3822 00 00
 1l-1,006kg 1kg~0,994l

Order code	Package	Units/Box st.
313183.1209	250 ml	6
313183.1210	500 ml	6

Magnesium standard solution Mg=1,000±0,002 g/l AA

[Mg(NO₃)₂.6H₂O in HNO₃ 0,5N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,022kg 1kg~0,978l

Order code	Package	Units/Box st.
313184.1209	250 ml	6
313184.1210	500 ml	6

Manganese standard solution Mn=1,000±0,002 g/l AA

[Mn(NO₃)₂ in HNO₃ 1N] for spectrophotometry
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,033kg 1kg~0,968l

Order code	Package	Units/Box st.
313185.1209	250 ml	6
313185.1210	500 ml	6

Mercury standard solution Hg=1,000±0,002 g/l AA

[Hg(NO₃)₂ in HNO₃ 1N] for spectrophotometry
 NC: 3822 00 00 UN: 2024
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612
 Signal Word: Danger



H332-H312-H302-H373-H319-H335-H315

1l-1,016kg 1kg~0,984l

Order code	Package	Units/Box st.
313186.1209	250 ml	6
313186.1210	500 ml	6

Molybdenum standard solution

Mo=1,000±0,002 g/l AA

[(NH₄)₆Mo₇O₂₄·4H₂O in NH₄OH 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,000kg 1kg-1,000l

Order code	Package	Units/Box st.
314111.1209	250 ml	6
314111.1210	500 ml	6

Nickel standard solution Ni=1,000±0,002 g/l AA

[Ni(NO₃)₂·6H₂O in HNO₃ 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,025kg 1kg-0,976l

Order code	Package	Units/Box st.
313187.1209	250 ml	6
313187.1210	500 ml	6

Potassium standard solution K=1,000±0,002 g/l AA

(KCl in HCl ~1%) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,002kg 1kg-0,998l

Order code	Package	Units/Box st.
313190.1209	250 ml	6
313190.1210	500 ml	6

Selenium standard solution Se=1,000±0,002 g/l AA

(SeO₃H₂ in HNO₃ 1N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,027kg 1kg-0,974l

Order code	Package	Units/Box st.
313191.1209	250 ml	6
313191.1210	500 ml	6

Silicon standard solution Si=1,00±0,05 g/l AA

(Na₂SiO₃ in H₂O) for spectrophotometry

NC: 3822 00 00

1l-1,002kg 1kg-0,998l

Order code	Package	Units/Box st.
312683.1209	250 ml	6
312683.1210	500 ml	6

Silver standard solution Ag=1,000±0,002 g/l AA

(AgNO₃ in HNO₃ 0,5N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,016kg 1kg-0,984l

Order code	Package	Units/Box st.
313188.1209	250 ml	6
313188.1210	500 ml	6

Sodium standard solution Na=1,000±0,002 g/l AA

(NaCl in HCl ~1%) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,005kg 1kg-0,995l

Order code	Package	Units/Box st.
313192.1209	250 ml	6
313192.1210	500 ml	6

Strontium standard solution Sr=1,000±0,002 g/l AA

[Sr(NO₃)₂ in HNO₃ 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,014kg 1kg-0,986l

Order code	Package	Units/Box st.
313181.1209	250 ml	6
313181.1210	500 ml	6

Tin standard solution Sn=1,000±0,002 g/l AA

(SnCl₄ in HCl 5N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,083kg 1kg-0,923l

Order code	Package	Units/Box st.
313180.1209	250 ml	6
313180.1210	500 ml	6

Titanium standard solution Ti=1,000±0,002 g/l AA

(TiCl₄ in HCl 5N) for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,089kg 1kg-0,918l

Order code	Package	Units/Box st.
313960.1209	250 ml	6
313960.1210	500 ml	6

Zinc standard solution Zn=1,000±0,002 g/l AA

[Zn(NO₃)₂·6H₂O in HNO₃ 0,5N] for spectrophotometry

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,022kg 1kg-0,978l

Order code	Package	Units/Box st.
313193.1209	250 ml	6
313193.1210	500 ml	6

STANDARDS FOR COD

COD Standard (50 ppm) RS

NC: 3822 00 00

1l-1,002kg 1kg-0,998l

Composition:

Potassium Hydrogen Phthalate.....0,0425 g

Distilled water (s.q.m.).....1000,0 ml

Concentration.....50 ppm

Uncertainty.....±10 ppm

The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394642.1606	25 ml	6

COD Standard (150 ppm) RS

NC: 3822 00 00

1l-1,003kg 1kg-0,997l

Composition:

Potassium Hydrogen Phthalate.....0,1275 g

Distilled water (s.q.m.).....1000,0 ml

Concentration.....150 ppm

Uncertainty.....±25 ppm

The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394547.1606	25 ml	6

COD Standard (500 ppm) RS

NC: 3822 00 00
 1l-1,005kg 1kg~0,995l
 Composition:
 Potassium Hydrogen Phthalate.....0,4251 g
 Distilled water (s.q.m.).....1000,0 ml
 Concentration.....500 ppm
 Uncertainty.....±50 ppm
 The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394640.1606	25 ml	6

COD Standard (1.000 ppm) RS

NC: 3822 00 00
 1l-1,008kg 1kg~0,992l
 Composition:
 Potassium Hydrogen Phthalate.....0,8502 g
 Distilled water (s.q.m.).....1000,0 ml
 Concentration.....1000 ppm
 Uncertainty.....±100 ppm
 The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394546.1606	25 ml	6

COD Standard (3.000 ppm) RS

NC: 3822 00 00
 1l-1,007kg 1kg~0,993l
 Composition:
 Potassium Hydrogen Phthalate.....2,5505 g
 Distilled water (s.q.m.).....1000,0 ml
 Concentration.....3000 ppm
 Uncertainty.....±100 ppm
 The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394641.1606	25 ml	6

COD Standard (7.000 ppm) RS

NC: 3822 00 00
 1l-1,010kg 1kg~0,990l
 Composition:
 Potassium Hydrogen Phthalate.....5,9514 g
 Distilled water (s.q.m.).....1000,0 ml
 Concentration.....7000 ppm
 Uncertainty.....±300 ppm
 The used reference product, is traceable with the NIST standard Potassium Hydrogen Phthalate ref. 84j

Order code	Package	Units/Box st.
394545.1606	25 ml	6

STANDARD FOR COLOUR DETERMINATION

Colour Standard Pt-Co, 500 APHA RS

for colour determination

NC: 3822 00 00
 1l-1,020kg 1kg~0,980l
 SPECIFICATIONS:
 ABS at λ430 nm0,110 - 0,120
 ABS at λ455 nm0,130 - 0,145
 ABS at λ480 nm0,105 - 0,120
 ABS at λ510 nm0,055 - 0,065

Order code	Package	Units/Box st.
395508.1610	500 ml	6

STANDARDS FOR CONDUCTIVITY

Conductivity Standard 84 µS/cm (25°C) RS

NC: 3822 00 00
 1l-1,002kg 1kg~0,998l
 SPECIFICATIONS:
 Conductivity at 25°C84 ±2 µS/cm
 Composition:
 Potassium Chloride.....0,00056 mol/l
 CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE
 T (°C).....(µS/cm)
 20,0.....75,8
 21,0.....77,5
 22,0.....79,1
 23,0.....80,7
 24,0.....82,4
 25,0.....84,0
 26,0.....85,6
 27,0.....87,3
 28,0.....88,9
 29,0.....90,6
 30,0.....92,2

Order code	Package	Units/Box st.
396882.0922	12 x 20 ml	6
396882.1209	250 ml	6

Conductivity Standard 147 µS/cm (25°C) RS

NC: 3822 00 00
 1l-1,002kg 1kg~0,998l
 SPECIFICATIONS:
 Conductivity at 25°C147 ±5 µS/cm
 Composition:
 Potassium Chloride.....0,001 mol/l
 CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE
 T (°C).....(µS/cm)
 20,0.....133
 21,0.....136
 22,0.....139
 23,0.....142
 24,0.....145
 25,0.....147
 26,0.....150
 27,0.....153
 28,0.....156
 29,0.....159
 30,0.....162

Order code	Package	Units/Box st.
396881.0922	12 x 20 ml	6
396881.1209	250 ml	6

Conductivity Standard 1413 µS/cm (25°C) RS

NC: 3822 00 00
 1l-1,002kg 1kg~0,998l
 SPECIFICATIONS:
 Conductivity at 25°C1413±5 µS/cm
 Composition:
 Potassium Chloride.....0,010 mol/l
 CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE
 T (°C).....(µS/cm)
 20,0.....1278
 21,0.....1305
 22,0.....1332
 23,0.....1359
 24,0.....1386
 25,0.....1413
 26,0.....1440
 27,0.....1467
 28,0.....1494
 29,0.....1522
 30,0.....1549

Order code	Package	Units/Box st.
394659.0922	12x20ml	1
394659.1209	250 ml	6

Conductivity Standard 5446 µS/cm (25°C) RS

NC: 3822 00 00
 1l-1,000kg 1kg~1,000l
 SPECIFICATIONS:
 Conductivity at 25°C5446 ±25 µS/cm
 Composition:
 Potassium Chloride.....0,040 mol/l
 CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE
 T (°C).....(µS/cm)
 20,0.....4915
 21,0.....5022
 22,0.....5128
 23,0.....5234
 24,0.....5340
 25,0.....5446
 26,0.....5552
 27,0.....5658
 28,0.....5764
 29,0.....5870
 30,0.....5976

Order code	Package	Units/Box st.
394657.0922	12x20ml	1
394657.1209	250 ml	6

Conductivity Standard 12,88 mS/cm (25°C) RS

NC: 3822 00 00
 1l-1,002kg 1kg~0,998l
 SPECIFICATIONS:
 Conductivity at 25°C12,88 ±0,06 mS/cm
 Composition:
 Potassium Chloride.....0,100 mol/l
 CONDUCTIVITY VALUES DEPENDING ON TEMPERATURE
 T (°C).....(mS/cm)
 20,0.....11,67
 21,0.....11,91
 22,0.....12,15
 23,0.....12,39
 24,0.....12,64
 25,0.....12,88
 26,0.....13,13
 27,0.....13,37
 28,0.....13,62
 29,0.....13,87
 30,0.....14,12

Order code	Package	Units/Box st.
394658.0922	12x20ml	1
394658.1209	250 ml	6

STANDARDS FOR ICP

Aluminium standard solution

Al=1,000±0,002 g/l ICP

(Al in HNO₃< 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766034.1208	100 ml	6

Aluminium standard solution Al=10,00±0,02 g/l ICP

(Al in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,06kg 1kg-0,94l

Order code	Package	Units/Box st.
775943.1208	100 ml	6

Antimony standard solution Sb=1,000±0,002 g/l ICP

(Sb in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766035.1208	100 ml	6

Antimony standard solution Sb=10,00±0,02 g/l ICP

(Sb in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:

Composition:

(10 g Sb / l in HCl 10-20%)

Concentration (as Sb)..... 10,00±0,02 g/l
(Standard according NIST SRM 3102a)

Order code	Package	Units/Box st.
775944.1208	100 ml	6

Arsenic standard solution As=1,000±0,002 g/l ICP

(As₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1556

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H332-H302-H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766036.1208	100 ml	6

Arsenic standard solution As=10,00±0,02 g/l ICP

(As₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1556

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H331-H301-H319-H335-H315-H412

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
775945.1208	100 ml	6

Barium standard solution Ba=1,000±0,002 g/l ICP

(BaCO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766037.1208	100 ml	6

Barium standard solution Ba=10,00±0,02 g/l ICP

(BaCO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,04kg 1kg-0,96l

Order code	Package	Units/Box st.
775947.1208	100 ml	6

Beryllium standard solution Be=1,000±0,002 g/l ICP

(Be in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H350i-H332-H302-H319-H335-H315-H373

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
763173.1208	100 ml	6

Beryllium standard solution Be=10,00±0,02 g/l ICP

(Be in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H350i-H331-H311-H319-H335-H315-H317-H373

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(10 g Be / l in HNO₃ 2-5%)

Concentration (as Be)..... 10,00±0,02 g/l

(Standard according NIST SRM 3105a)

Order code	Package	Units/Box st.
775899.1208	100 ml	6

Bismuth standard solution Bi=1,000±0,002 g/l ICP

(Bi in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766039.1208	100 ml	6

Bismuth standard solution Bi=10,00±0,02 g/l ICP

(Bi in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(10 g Bi / l in HNO₃ 2-5%)

Concentration (as Bi)..... 10,00±0,02 g/l

(Standard according NIST SRM 3106)

Order code	Package	Units/Box st.
775948.1208	100 ml	6

Boron standard solution B=1,000±0,002 g/l ICP

(H₃BO₃ in H₂O) for ICP

CAS: 10043-35-3 EINECS: 233-139-2 NC: 2810 00 90

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
765900.1208	100 ml	6

Boron standard dissolved in ammonia solution 1% B=1000±5 µg/g ICP

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Concentration (as B).....995-1005 µg/g

Order code	Package	Units/Box st.
766878.1208	100 ml	

Cadmium standard solution Cd=1,000±0,002 g/l ICP

(Cd in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315-H412

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766038.1208	100 ml	6

Cadmium standard solution Cd=10,00±0,02 g/l ICP

(Cd in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315-H412

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775949.1208	100 ml	6

Calcium standard solution Ca=1,000±0,002 g/l ICP

(CaCO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766040.1208	100 ml	6

Calcium standard solution Ca=10,00±0,02 g/l ICP

(CaCO₃ in HNO₃ 2-5%) for ICP

Signal Word: Warning



H319-H335-H315

1l~1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775950.1208	100 ml	6

Cerium standard solution Ce=1,000±0,002 g/l ICP

(CeO₂ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765901.1208	100 ml	6

Cerium standard solution Ce=10,00±0,02 g/l ICP

(CeO₂ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 3264

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
775951.1208	100 ml	6

Cesium standard solution Cs=1,000±0,002 g/l ICP

(Cs₂CO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765902.1208	100 ml	6

Cesium standard solution Cs=10,00±0,02 g/l ICP

(Cs₂CO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775952.1208	100 ml	6

Chloride standard solution Cl=1,000±0,002 g/l ICP

(KCl in H₂O) for ICP

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
765903.1208	100 ml	6

Chloride standard solution Cl=10,00±0,02 g/l ICP

(KCl in H₂O) for ICP

NC: 3822 00 00

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775953.1208	100 ml	6

Chromium standard solution Cr=1,000±0,002 g/l ICP

(Cr in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766043.1208	100 ml	6

Chromium standard solution Cr=10,00±0,02 g/l ICP

(Cr in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775956.1208	100 ml	6

Cobalt standard solution Co=1,000±0,002 g/l ICP

(Co in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766041.1208	100 ml	6

Cobalt standard solution Co=10,00±0,02 g/l ICP

(Co in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l~1,02kg 1kg~0,98l

SPECIFICATIONS:

(10 g Co / l in HNO₃ 2-5%)

Concentration (as Co)..... 10,00±0,02 g/l
(Standard according NIST SRM 3113)

Order code	Package	Units/Box st.
775954.1208	100 ml	6

Copper standard solution Cu=1,000±0,002 g/l ICP

(Cu in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766042.1208	100 ml	6

Copper standard solution Cu=10,00±0,02 g/l ICP

(Cu in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775955.1208	100 ml	6

Dysprosium standard solution

Dy=1,000±0,002 g/l ICP

(Dy₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765904.1208	100 ml	6

Dysprosium standard solution

Dy=10,00±0,02 g/l ICP

(Dy₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l
 SPECIFICATIONS:
 (11.5 g Dy₂O₃ / l in HNO₃ 2-5%)
 Concentration (as Dy)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3115a)

Order code	Package	Units/Box st.
775957.1208	100 ml	6

Erbium standard solution Er=1,000±0,002 g/l ICP

(Er₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765905.1208	100 ml	6

Erbium standard solution Er=10,00±0,02 g/l ICP

(Er₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l
 SPECIFICATIONS:
 (11.5 g Er₂O₃ / l in HNO₃ 2-5%)
 Concentration (as Er)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3116a)

Order code	Package	Units/Box st.
775958.1208	100 ml	6

Europium standard solution Eu=1,000±0,002 g/l ICP

(Eu₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765906.1208	100 ml	6

Europium standard solution Eu=10,00±0,02 g/l ICP

(Eu₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 (11.6 g Eu₂O₃ / l in HNO₃ 2-5%)
 Concentration (as Eu)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3117a)

Order code	Package	Units/Box st.
775962.1208	100 ml	6

Gadolinium standard solution

Gd=1,000±0,002 g/l ICP

(Gd₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765908.1208	100 ml	6

Gadolinium standard solution

Gd=10,00±0,02 g/l ICP

(Gd₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775963.1208	100 ml	6

Gallium standard solution Ga=1,000±0,002 g/l ICP

(Ga₂O₃ in HNO₃ 2-5% + traces HCl) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765909.1208	100 ml	6

Gallium standard solution Ga=10,00±0,02 g/l ICP

(Ga₂O₃ in HNO₃ 2-5% + traces HCl) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 (10 g Ga / l in HNO₃ 2-5%) + traces HCl
 Concentration (as Ga)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3119a)

Order code	Package	Units/Box st.
775964.1208	100 ml	6

Germanium standard solution

Ge=1,000±0,002 g/l ICP

(Ge in HNO₃ 2-5% + traces HF) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,01kg 1kg-0,99l

Order code	Package	Units/Box st.
765910.1208	100 ml	6

Germanium standard solution

Ge=10,00±0,02 g/l ICP

(Ge in HNO₃ 2-5% + traces HF) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,01kg 1kg-0,99l

Order code	Package	Units/Box st.
775965.1208	100 ml	6

Gold standard solution Au=1,000±0,002 g/l ICP

(Au in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,09kg 1kg-0,92l

Order code	Package	Units/Box st.
766061.1208	100 ml	6

Gold standard solution Au=10,00±0,02 g/l ICP

(Au in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,06kg 1kg-0,94l

Order code	Package	Units/Box st.
775984.1208	100 ml	6

Hafnium standard solution Hf=1,000±0,002 g/l ICP

(Hf in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765911.1208	100 ml	6

Hafnium standard solution Hf=10,00±0,02 g/l ICP

(Hf in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
 (10 g Hf / l in HF 5%)
 Concentration (as Hf)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3122a)

Order code	Package	Units/Box st.
775966.1208	100 ml	6

Holmium standard solution Ho=1,000±0,002 g/l ICP

(Ho₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,01kg 1kg-0,99l

Order code	Package	Units/Box st.
765912.1208	100 ml	6

Holmium standard solution Ho=10,00±0,02 g/l ICP

(Ho₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
 (11.5 g Ho₂O₃ / l in HNO₃ 2-5%)
 Concentration (as Ho 3+)..... 10,00±0,02 mg/ml
 (Standard according NIST SRM 3123a)

Order code	Package	Units/Box st.
775968.1208	100 ml	6

Indium standard solution In=1,000±0,002 g/l ICP

(In₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765913.1208	100 ml	6

Indium standard solution In=10,00±0,02 g/l ICP

(In₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,03kg 1kg-0,97l

SPECIFICATIONS:
 Composition:
 (10 g In / l in HNO₃ 2-5%)
 Concentration (as In)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3124a)

Order code	Package	Units/Box st.
775969.1208	100 ml	6

Iridium standard solution Ir=1,000±0,002 g/l ICP

(IrCl₃·3H₂O in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765941.1208	100 ml	6

Iridium standard solution Ir=10,00±0,02 g/l ICP

(IrCl₃·3H₂O in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
775970.1208	100 ml	6

Iron standard solution Fe=1,000±0,002 g/l ICP

(Fe in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766049.1208	100 ml	6

Iron standard solution Fe=10,00±0,02 g/l ICP

(Fe in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,06kg 1kg~0,94l

Order code	Package	Units/Box st.
775967.1208	100 ml	6

Lanthanum standard solution

La=1,000±0,002 g/l ICP

(La₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765916.1208	100 ml	6

Lanthanum standard solution

La=10,00±0,02 g/l ICP

(La₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,04kg 1kg~0,96l

SPECIFICATIONS:
 Composition:
 (11,8 g La₂O₃ / l in HNO₃ 2-5%)
 Concentration (as La 3+) 10,00±0,02 mg/ml
 (Standard according NIST SRM 3127a)

Order code	Package	Units/Box st.
775973.1208	100 ml	6

Lead standard solution Pb=1,000±0,002 g/l ICP

(Pb in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766063.1208	100 ml	6

Lead standard solution Pb=10,00±0,02 g/l ICP

(Pb in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Danger

H360D-H319-H335-H315-H412
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 Composition:
 (10 g Pb / l in HNO₃ 2-5%)
 Concentration (as Pb) 10,00±0,02 g/l
 (Standard according NIST SRM 3128)

Order code	Package	Units/Box st.
775988.1208	100 ml	6

Lithium standard solution Li=1,000±0,002 g/l ICP

(Li₂CO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766059.1208	100 ml	6

Lithium standard solution Li=10,00±0,02 g/l ICP

(Li₂CO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 Composition:
 (53,3 g Li₂CO₃ / l in HNO₃ 2-5%)
 Concentration (as Li) 10,00±0,02 g/l
 (Standard according NIST SRM 3129a)

Order code	Package	Units/Box st.
775974.1208	100 ml	6

Lutetium standard solution Lu=1,000±0,002 g/l ICP

(Lu₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765917.1208	100 ml	6

Lutetium standard solution Lu=10,00±0,02 g/l ICP

(Lu₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 Composition:
 (11,4 g Lu₂O₃ / l in HNO₃ 2-5%)
 Concentration (as Lu) 10,00±0,02 g/l
 (Standard according NIST SRM 3130a)

Order code	Package	Units/Box st.
775975.1208	100 ml	6

Magnesium standard solution

Mg=1,000±0,002 g/l ICP

(Mg in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766051.1208	100 ml	6

Magnesium standard solution

Mg=10,00±0,02 g/l ICP

(Mg in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,04kg 1kg~0,96l

Order code	Package	Units/Box st.
775976.1208	100 ml	6

Manganese standard solution

Mn=1,000±0,002 g/l ICP

(Mn in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,01kg 1kg~0,99l

Order code	Package	Units/Box st.
766052.1208	100 ml	6

Manganese standard solution

Mn=10,00±0,02 g/l ICP

(Mn in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,04kg 1kg-0,96l

Order code	Package	Units/Box st.
775977.1208	100 ml	6

Mercury standard solution Hg=1,000±0,002 g/l ICP

(Hg in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H332-H312-H302-H373-H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766060.1208	100 ml	6

Mercury standard solution Hg=10,00±0,02 g/l ICP

(Hg in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 2024

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 617 CAO: 612

Signal Word: Danger



H331-H311-H301-H373-H319-H335-H315-H412

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
775978.1208	100 ml	6

Molybdenum standard solution

Mo=1,000±0,002 g/l ICP

(Mo in HNO₃ 2-5% + traces HF) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766053.1208	100 ml	6

Molybdenum standard solution

Mo=10,00±0,02 g/l ICP

(Mo in HNO₃ 2-5% + traces HF) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
Composition:
(10 g Mo / l in HNO₃ 2-5% + traces HF)
Concentration (as Mo) 10,00±0,02 g/l
(Standard according NIST SRM 3134)

Order code	Package	Units/Box st.
775979.1208	100 ml	6

Neodymium standard solution

Nd=1,000±0,002 g/l ICP

(Nd₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
Composition:
(11,7 g Nd₂O₃ / l in HNO₃ 2-5%)
Concentration (as Nd) 10,00±0,02 g/l
(Standard according NIST SRM 3135a)

Order code	Package	Units/Box st.
765918.1208	100 ml	6

Neodymium standard solution

Nd=10,00±0,02 g/l ICP

(Nd₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
Composition:
(11,7 g Nd₂O₃ / l in HNO₃ 2-5%)
Concentration (as Nd) 10,00±0,02 g/l
(Standard according NIST SRM 3135a)

Order code	Package	Units/Box st.
775980.1208	100 ml	6

Nickel standard solution Ni=1,000±0,002 g/l ICP

(Ni in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766054.1208	100 ml	6

Nickel standard solution Ni=10,00±0,02 g/l ICP

(Ni in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,04kg 1kg-0,96l

Order code	Package	Units/Box st.
775982.1208	100 ml	6

Niobium standard solution Nb=1,000±0,002 g/l ICP

(Nb in HF 5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765919.1208	100 ml	6

Niobium standard solution Nb=10,00±0,02 g/l ICP

(Nb in HF 5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:
Composition:
(10 g Nb / l in HF 5%)
Concentration (as Nb) 10,00±0,02 g/l
(Standard according NIST SRM 3137)

Order code	Package	Units/Box st.
775981.1208	100 ml	6

Nitrogen standard solution N=1,000±0,002 g/l ICP

[(NH₄)₂SO₄ in H₂O] for ICP

CAS: 7783-20-2 EINECS: 231-984-1 NC: 3102 21 00

1l-1,01kg 1kg-0,99l

Order code	Package	Units/Box st.
765920.1208	100 ml	6

Nitrogen standard solution N=10,00±0,02 g/l ICP

(KNO₃ in H₂O) for ICP

CAS: 7757-79-1 EINECS: 231-818-8 NC: 2834 21 00

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:
Composition:
(72,18 g KCl / l H₂O)
Concentration (as N) 10,00±0,02 g/l
(Standard according NIST SRM 3185)

Order code	Package	Units/Box st.
775983.1208	100 ml	6

Osmium standard solution Os=1,000±0,002 g/l ICP

[(NH₄)₂OsCl₆ in HCl 2-5%] for ICP

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(2.31 g (NH₄)₂ OsCl₆ / l in HCl 2-5%)

Concentration as Os (4+) 1,000±0,002 mg/ml

Order code	Package	Units/Box st.
765921.1208	100 ml	6

Palladium standard solution Pd=1,000±0,002 g/l ICP

(Pd in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
765922.1208	100 ml	6

Palladium standard solution Pd=10,00±0,02 g/l ICP

(Pd in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
775985.1208	100 ml	6

Phosphorus standard solution

P=1,000±0,002 g/l ICP

(KH₂PO₄ in H₂O) for ICP

CAS: 7778-77-0 EINECS: 231-913-4 NC: 2835 24 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
766384.1208	100 ml	6

Phosphorus standard solution P=10,00±0,02 g/l ICP

(H₃PO₄ in H₂O) for ICP

CAS: 7664-38-2 EINECS: 231-633-2 NC: 2809 20 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
775907.1208	100 ml	6

Platinum standard solution Pt=1,000±0,002 g/l ICP

(Pt in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,05kg 1kg~0,95l

SPECIFICATIONS:

Composition:

(1 g Pt / l in HCl 10-20%)

Concentration(as Pt) 1,000±0,002 g/l
(Standard according NIST SRM 3140)

Order code	Package	Units/Box st.
765923.1208	100 ml	6

Platinum standard solution Pt=10,00±0,02 g/l ICP

(Pt in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
775987.1208	100 ml	6

Potassium standard solution K=1,000±0,002 g/l ICP

(KNO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766050.1208	100 ml	6

Potassium standard solution K=10,00±0,02 g/l ICP

(KNO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
775989.1208	100 ml	6

Praseodymium standard solution

Pr=1,000±0,002 g/l ICP

(Pr₆O₁₁ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,02kg 1kg~0,98l

SPECIFICATIONS:

Composition:

(1,21 g Pr₆O₁₁ / l in HNO₃ 2-5%)

Concentration (as Pr) 1,000±0,002 g/l
(Standard according NIST SRM 3142a)

Order code	Package	Units/Box st.
765924.1208	100 ml	6

Praseodymium standard solution

Pr=10,00±0,02 g/l ICP

(Pr₆O₁₁ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning

H319-H335-H315

1l-1,02kg 1kg~0,98l

SPECIFICATIONS:

Composition:

(12,1 g Pr₆O₁₁ / l in HNO₃ 2-5%)

Concentration (as Pr(3+/4+)) 10,00±0,02 mg/ml
(Standard according NIST SRM 3142a)

Order code	Package	Units/Box st.
775990.1208	100 ml	6

Rhenium standard solution Re=1,000±0,002 g/l ICP

(NH₄ReO₄ in H₂O) for ICP

CAS: 13598-65-7 EINECS: 237-075-6 NC: 2841 90 85

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,441 g NH₄ReO₄ / l H₂O)

Concentration (as Re) 1,000±0,002 g/l
(Standard according NIST SRM 3143)

Order code	Package	Units/Box st.
765925.1208	100 ml	6

Rhenium standard solution Re=10,00±0,02 g/l ICP

(NH₄ReO₄ in H₂O) for ICP

CAS: 13598-65-7 EINECS: 237-075-6 NC: 2841 90 85

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
775991.1208	100 ml	6

Rhodium standard solution Rh=1,000±0,002 g/l ICP

(RhCl₃·3H₂O in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,06kg 1kg-0,94l

SPECIFICATIONS:

Composition:

((2,558 g RhCl₃·3H₂O / l in HCl 10-20%)

Concentration (as Rh)..... 1,000±0,002 g/l

(Standard according NIST SRM 3144)

Order code Package Units/Box st.

765926.1208 100 ml 6

Rhodium standard solution Rh=10,00±0,02 g/l ICP

(RhCl₃·3H₂O in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,06kg 1kg-0,94l

SPECIFICATIONS:

Composition:

(1,36 g Rb₂CO₃ / l in HNO₃ 2-5%)

Concentration (as Rb)..... 1,000±0,002 g/l

(Standard according NIST SRM 3145a)

Order code Package Units/Box st.

775992.1208 100 ml 6

Rubidium standard solution Rb=1,000±0,002 g/l ICP

(Rb₂CO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(1,36 g Rb₂CO₃ / l in HNO₃ 2-5%)

Concentration (as Rb)..... 1,000±0,002 g/l

(Standard according NIST SRM 3145a)

Order code Package Units/Box st.

765927.1208 100 ml 6

Rubidium standard solution Rb=10,00±0,02 g/l ICP

(Rb₂CO₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(13,6 g Rb₂CO₃ / l in HNO₃ 2-5%)

Concentration (as Rb)..... 10,00±0,02 g/l

(Standard according NIST SRM 3145a)

Order code Package Units/Box st.

775993.1208 100 ml 6

Ruthenium standard solution

Ru=1,000±0,002 g/l ICP

(RuCl₃·3H₂O in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(2,6 g RuCl₃·HCl / l in HCl 10-20%)

Concentration (as Ru)..... 1,000±0,002 g/l

Order code Package Units/Box st.

765928.1208 100 ml 6

Ruthenium standard solution Ru=10,00±0,02 g/l ICP

(RuCl₃·3H₂O in HCl 20%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,06kg 1kg-0,94l

SPECIFICATIONS:

Composition:

(13,6 g Rb₂CO₃ / l in HNO₃ 2-5%)

Concentration (as Rb)..... 1,000±0,002 g/l

Order code Package Units/Box st.

775994.1208 100 ml 6

Samarium standard solution

Sm=1,000±0,002 g/l ICP

(Sm₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(11,6 g Sm₂O₃ / l in HNO₃ 2-5%)

Concentration (as Sm)..... 10,00±0,02 g/l

(Standard according NIST SRM 3147a)

Order code Package Units/Box st.

765929.1208 100 ml 6

Samarium standard solution Sm=10,00±0,02 g/l ICP

(Sm₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(11,6 g Sm₂O₃ / l in HNO₃ 2-5%)

Concentration (as Sm)..... 10,00±0,02 g/l

(Standard according NIST SRM 3147a)

Order code Package Units/Box st.

775995.1208 100 ml 6

Scandium standard solution

Sc=1,000±0,002 g/l ICP

(Sc₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(15,34 g Sc₂O₃ / l in HNO₃ 2-5%)

Concentration (as Sc)..... 10,00±0,02 g/l

(Standard according NIST SRM 3148a)

Order code Package Units/Box st.

765930.1208 100 ml 6

Scandium standard solution Sc=10,00±0,02 g/l ICP

(Sc₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Composition:

(15,34 g Sc₂O₃ / l in HNO₃ 2-5%)

Concentration (as Sc)..... 10,00±0,02 g/l

(Standard according NIST SRM 3148a)

Order code Package Units/Box st.

775959.1208 100 ml 6

Selenium standard solution Se=1,000±0,002 g/l ICP

(Se in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(1 g Se / l in HNO₃ 2-5%)

Concentration (as Se)..... 1,000±0,002 g/l

(Standard according NIST SRM 3149)

Order code Package Units/Box st.

766055.1208 100 ml 6

Selenium standard solution Se=10,00±0,02 g/l ICP

(Se in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(13,6 g Rb₂CO₃ / l in HNO₃ 2-5%)

Concentration (as Rb)..... 1,000±0,002 g/l

Order code Package Units/Box st.

775996.1208 100 ml 6

Silicon standard solution Si=1,000±0,002 g/l ICP

[(NH₄)₂SiF₆ in HF 5%] for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H331-H311-H301-H314
 1l-1,03kg 1kg~0,97l

Order code	Package	Units/Box st.
765997.1208	100 ml	6

Silicon standard solution Si=10,00±0,02 g/l ICP

[(NH₄)₂SiF₆ in HF 5%] for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H331-H311-H301-H314
 1l-1,07kg 1kg~0,93l

Order code	Package	Units/Box st.
775998.1208	100 ml	6

Silver standard solution Ag=1,000±0,002 g/l ICP

(Ag in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766062.1208	100 ml	6

Silver standard solution Ag=10,00±0,02 g/l ICP

(Ag in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775986.1208	100 ml	6

Sodium standard solution Na=1,000±0,002 g/l ICP

(NaNO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766056.1208	100 ml	6

Sodium standard solution Na=10,00±0,02 g/l ICP

(NaNO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,04kg 1kg~0,96l
 SPECIFICATIONS:
 Composition:
 (36,977 g NaNO₃ / l in HNO₃ 2-5%)
 Concentration (as Na)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3152a)

Order code	Package	Units/Box st.
775999.1208	100 ml	6

Strontium standard solution Sr=1,000±0,002 g/l ICP

(SrCO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766048.1208	100 ml	6

Strontium standard solution Sr=10,00±0,02 g/l ICP

(SrCO₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
775961.1208	100 ml	6

Sulphur standard solution S=1,000±0,002 g/l ICP

(H₂SO₄ in H₂O) for ICP
 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10
 1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
765898.1208	100 ml	6

Sulphur standard solution S=10,00±0,02 g/l ICP

(H₂SO₄ in H₂O) for ICP
 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Warning

H319-H335-H315
 1l-1,00kg 1kg~1,00l

SPECIFICATIONS:
 Composition:
 (30,586 g H₂SO₄ / l H₂O)
 Concentration(as S)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3154)

Order code	Package	Units/Box st.
775946.1208	100 ml	6

Tantalum standard solution Ta=1,000±0,002 g/l ICP

(Ta in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H331-H311-H301-H314
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 Composition:
 (1 g Ta / l in HF 5%)
 Concentration(as Ta)..... 1,000±0,002 g/l
 (Standard according NIST SRM 3155)

Order code	Package	Units/Box st.
765932.1208	100 ml	6

Tantalum standard solution Ta=10,00±0,02 g/l ICP

(Ta in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H331-H311-H301-H314
 1l-1,02kg 1kg~0,98l

SPECIFICATIONS:
 Composition:
 (10 g Ta / l in HF 5%)
 Concentration (as Ta)..... 10,00±0,02 g/l
 (Standard according NIST SRM 3155)

Order code	Package	Units/Box st.
776001.1208	100 ml	6

Tellurium standard solution Te=1,000±0,002 g/l ICP

(Te in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning

H319-H335-H315
 1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765933.1208	100 ml	6

Tellurium standard solution Te=10,00±0,02 g/l ICP

(Te in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
776002.1208	100 ml	6

Terbium standard solution Tb=1,000±0,002 g/l ICP

(Tb₂O₇ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,01kg 1kg-0,99l

SPECIFICATIONS:

Composition:

(1,18 g Tb₂O₇ / l in HNO₃ 2-5%)

Concentration (as Tb) 1,000±0,002 g/l

(Standard according NIST SRM 3157a)

Order code	Package	Units/Box st.
765934.1208	100 ml	6

Terbium standard solution Tb=10,00±0,02 g/l ICP

(Tb₂O₇ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

(11,8 g Tb₂O₇ / l in HNO₃ 2-5%)

Concentration (as Tb) 10,00±0,02 g/l

(Standard according NIST SRM 3157a)

Order code	Package	Units/Box st.
776003.1208	100 ml	6

Thallium standard solution Tl=1,000±0,002 g/l ICP

(Tl in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H332-H302-H319-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765931.1208	100 ml	6

Thallium standard solution Tl=10,00±0,02 g/l ICP

(Tl in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H332-H302-H319-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

(10 g Tl / l in HNO₃ 2-5%)

Concentration (as Tl) 10,00±0,02 g/l

(Standard according NIST SRM 3158)

Order code	Package	Units/Box st.
776000.1208	100 ml	6

Thorium standard solution Th=1,000±0,002 g/l ICP

[Th(NO₃)₄·5H₂O in HNO₃ 10%] for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Danger



H314

1l-1,08kg 1kg-0,92l

Order code	Package	Units/Box st.
765935.1208	100 ml	6

Thorium standard solution Th=10,00±0,02 g/l ICP

[Th(NO₃)₄·5H₂O in HNO₃ 10%] for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Danger



H314

1l-1,08kg 1kg-0,92l

SPECIFICATIONS:

(24,6 g Th(NO₃)₄·5H₂O / l in HNO₃ 10%)

Concentration (as Th) 10,00±0,02 g/l

(Standard according NIST SRM 3159)

Order code	Package	Units/Box st.
776005.1208	100 ml	6

Thullium standard solution Tm=1,000±0,002 g/l ICP

(Tm₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765936.1208	100 ml	6

Thullium standard solution Tm=10,00±0,02 g/l ICP

(Tm₂O₃ in HNO₃ 2-5%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg-0,98l

SPECIFICATIONS:

Composition:

(11,5 g Tm₂O₃ / l in HNO₃ 2-5%)

Concentration (as Tm) 10,00±0,02 g/l

Order code	Package	Units/Box st.
776006.1208	100 ml	6

Tin standard solution Sn=1,000±0,002 g/l ICP

(Sn in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,10kg 1kg-0,91l

Order code	Package	Units/Box st.
766047.1208	100 ml	6

Tin standard solution Sn=10,00±0,02 g/l ICP

(Sn in HCl 20%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,10kg 1kg-0,91l

SPECIFICATIONS:

Composition:

(10 g Sn / l in HCl 10-20%)

Concentration (as Sn) 10,00±0,02 g/l

(Standard according NIST SRM 3161a)

Order code	Package	Units/Box st.
775960.1208	100 ml	6

Titanium standard solution Ti=1,000±0,002 g/l ICP

(Ti in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766057.1208	100 ml	6

Titanium standard solution Ti=10,00±0,02 g/l ICP

(Ti in HNO₃ 2-5% + traces HF) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,05kg 1kg~0,95l

Order code	Package	Units/Box st.
776004.1208	100 ml	6

Uranium standard solution U=1,000±0,002 g/l ICP

(U in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765937.1208	100 ml	6

Uranium standard solution U=10,00±0,02 g/l ICP

(U in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H332-H312-H302-H373-H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776007.1208	100 ml	6

Vanadium standard solution V=1,000±0,002 g/l ICP

(V in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765938.1208	100 ml	6

Vanadium standard solution V=10,00±0,02 g/l ICP

(V in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776008.1208	100 ml	6

Wolfram standard solution W=1,000±0,002 g/l ICP

(W in HF 5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765939.1208	100 ml	6

Wolfram standard solution W=10,00±0,02 g/l ICP

(W in HF 5%) for ICP

NC: 3822 00 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg~0,98l

SPECIFICATIONS:

Composition:

(10 g W / l in HF 5%)

Concentration (as W 6+)..... 10,00±0,02 mg/l

(Standard according NIST SRM 3163)

Order code	Package	Units/Box st.
776009.1208	100 ml	6

Ytterbium standard solution

Yb=1,000±0,002 g/l ICP

(Yb₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765914.1208	100 ml	6

Ytterbium standard solution Yb=10,00±0,02 g/l ICP

(Yb₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

SPECIFICATIONS:

Composition:

(11,4 g Yb₂O₃ / l in HNO₃ 2-5%)

Concentration (as Yb)..... 10,00±0,02 g/l

(Standard according NIST SRM 3166a)

Order code	Package	Units/Box st.
775971.1208	100 ml	6

Yttrium standard solution Y=1,000±0,002 g/l ICP

(Y₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
765915.1208	100 ml	6

Yttrium standard solution Y=10,00±0,02 g/l ICP

(Y₂O₃ in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

SPECIFICATIONS:

Composition:

(12,7 g Y₂O₃ / l in HNO₃ 2-5%)

Concentration (as Y)..... 10,00±0,02 g/l

(Standard according NIST SRM 3167a)

Order code	Package	Units/Box st.
775972.1208	100 ml	6

Zinc standard solution Zn=1,000±0,002 g/l ICP

(Zn in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
766058.1208	100 ml	6

Zinc standard solution Zn=10,00±0,02 g/l ICP

(Zn in HNO₃ 2-5%) for ICP

NC: 3822 00 00 UN: 1760

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820

Signal Word: Warning



H319-H335-H315

1l-1,02kg 1kg~0,98l

Order code	Package	Units/Box st.
776010.1208	100 ml	6

Zirconium standard solution Zr=1,000±0,002 g/l ICP

(Zr in HF 5%) for ICP
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H331-H311-H301-H314

1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
765940.1208	100 ml	6

Zirconium standard solution Zr=10,00±0,02 g/l ICP

(ZrCl₄ in HCl 10%) for ICP
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H335-H315

1l-1,05kg 1kg-0,95l

Order code	Package	Units/Box st.
776011.1208	100 ml	6

MULTIELEMENT STANDARDS FOR ICP

Multielement standard solution 100 mg/l: Hf, Ir, Sb, Sn, Ta, Ti, Zr ICP

(Contains 7 elements in 15% HCl) for ICP
 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Warning



H319-H335-H315

1l-1,08kg 1kg-0,93l

Order code	Package	Units/Box st.
766336.1208	100 ml	6

Multielement standard solution 100 mg/l: As, Be, Cd, Cr, Pb, Hg, Ni, Se, Tl ICP

(Contains 9 elements in 10% HNO₃) for ICP
 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H314

1l-1,05kg 1kg-0,95l

SPECIFICATIONS:

Composition:

(Contains 9 elements in HNO₃ 10%)

Concentration (as ppm):

Tolerance: ±0,3 ppm

Order code	Package	Units/Box st.
766334.1208	100 ml	6

Multielement standard solution 100 mg/l: As, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn ICP

(Contains 21 elements in 5% HNO₃) for ICP
 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H314

1l-1,03kg 1kg-0,97l

Order code	Package	Units/Box st.
766335.1208	100 ml	6

Multielement standard solution 100 mg/l: Al, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Se, Sr, Te, Tl, Zn ICP

(Contains 24 elements in 2% HNO₃) for ICP
 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 1l-1,02kg 1kg-0,98l

Order code	Package	Units/Box st.
766333.1208	100 ml	6

Multielement standard solution 1000 mg/l:

Ag, Al, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, In, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Tl, Zn ICP

(Contains 23 elements in 2% HNO₃) for ICP
 NC: 3822 00 00 UN: 3264
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H350-H332-H312-H302-H341

1l-1,09kg 1kg-0,92l

Order code	Package	Units/Box st.
766332.1208	100 ml	6

STANDARDS DISSOLVED IN OIL FOR ICP

Barium standard dissolved in oil Ba=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H361d

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766428.1607	50 g	6

Calcium standard dissolved in oil Ca=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H361d

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766427.1607	50 g	6

Chromium standard dissolved in oil Cr=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H361d

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766429.1607	50 g	6

Cobalt standard dissolved in oil Co=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H332-H319-H335

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766430.1607	50 g	6

Copper standard dissolved in oil Cu=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H332-H319-H315

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766431.1607	50 g	6

Iron standard dissolved in oil Fe=1000±5 µg/g ICP

NC: 3822 00 00
 Signal Word: Warning



H361d

1l-0,85kg 1kg-1,18l

Order code	Package	Units/Box st.
766433.1607	50 g	6

S

**Magnesium standard dissolved in oil
Mg=1000±5 µg/g ICP**

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766434.1607	50 g	6

Lead standard dissolved in oil Pb=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766436.1607	50 g	6

Nickel standard dissolved in oil Ni=1000±5 µg/g ICP

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766435.1607	50 g	6

**Phosphorus standard dissolved in oil
P=1000±5 µg/g ICP**

NC: 3822 00 00
Signal Word: Warning

H302
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766432.1607	50 g	6

**Potassium standard dissolved in oil
K=1000±5 µg/g ICP**

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766437.1607	50 g	6

**Sodium standard dissolved in oil
Na=1000±5 µg/g ICP**

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766438.1607	50 g	6

**Sulphur standard dissolved in oil
S=1000±5 µg/g ICP**

NC: 3822 00 00
Signal Word: Warning

H361d
1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766440.1607	50 g	6

Zinc standard dissolved in oil Zn=1000±5 µg/g ICP

NC: 3822 00 00
H362

1l-0,85kg 1kg~1,18l

Order code	Package	Units/Box st.
766439.1607	50 g	6

STANDARDS FOR IONIC CHROMATOGRAPHY

**Ammonium standard solution
NH₄=1,000±0,002 g/l IC**

(NH₄Cl in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784241.1210	500 ml	6

Barium standard solution Ba=1,000±0,002 g/l IC

(BaCl₂·2H₂O in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:
(1,779 g BaCl₂·2H₂O / l H₂O)
Concentration (as Ba)..... 1,000±0,002 g/l
(Standard according NIST SRM 3104a)

Order code	Package	Units/Box st.
786347.1210	500 ml	6

Bromide standard solution Br=1,000±0,002 g/l IC

(KBr in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784239.1210	500 ml	6

Calcium standard solution Ca=1,000±0,002 g/l IC

(CaCl₂·2H₂O in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786345.1210	500 ml	6

Cesium standard solution Cs=1,000±0,002 g/l IC

(CsCl in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:
(1,267 g CsCl / l H₂O)
Concentration (as Cs(1+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786916.1210	500 ml	6

Cobalt standard solution Co=1,000±0,002 g/l IC

(Co(NO₃)₂·6H₂O in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:
(4,938 g Co(NO₃)₂·6H₂O / l H₂O)
Concentration (as Co(2+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786918.1210	500 ml	6

Copper standard solution Cu=1,000±0,002 g/l IC

(Cu(NO₃)₂·3H₂O in H₂O) for ionic chromatography
NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:
(3,802 g Cu(NO₃)₂·3H₂O / l H₂O)
Concentration (as Cu(2+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786919.1210	500 ml	6

Cyanide standard solution CN=1,000±0,002 g/l IC

(Kl in H₂O) for ionic chromatography

NC: 3822 00 00 UN: 3413 ADR: 6.1/II IMDG: 6.1/II IATA: 6.1/II PAX: 609
CAO: 611 (D/E)

Signal Word: Danger

H330-H310-H300-EUH032-H410
1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:
(2,503 g KCN / l H₂O)
Concentration (as CN) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786917.1210	500 ml	6

S

Chloride standard solution Cl=1,000±0,002 g/l IC

(KCl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
784238.1210	500 ml	6

Chromate standard solution

CrO₄=1,000±0,002 g/l IC

(K₂CrO₄ in H₂O) for ionic chromatography

NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350i-H340

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
786326.1210	500 ml	6

Chromium(III) standard solution

Cr=1,000±0,002 g/l IC

(Cr(NO₃)₃·9H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(7,696 g Cr(NO₃)₃·9H₂O / l H₂O)

Concentration (as Cr(3+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786921.1210	500 ml	6

Chromium(VI) standard solution

Cr=1,000±0,002 g/l IC

(K₂Cr₂O₇ in H₂O) for ionic chromatography

NC: 3822 00 00 UN: 3287 ADR: 6.1/III IMDG: 6.1/III IATA: 6.1/III

PAX: 611 CAO: 618 (D/E)

Signal Word: Danger



H332-H350-H340-H334-H317-H412

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(2,829 g K₂Cr₂O₇ / l H₂O)

Concentration (as Cr(6+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786920.1210	500 ml	6

Fluoride standard solution F=1,000±0,002 g/l IC

(NaF in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
786328.1210	500 ml	6

Hydrazinium standard solution

N₂H₄=1,000±0,002 g/l IC

(N₂H₄·H₂SO₄ in H₂O) for ionic chromatography

NC: 3822 00 00 UN: 3287 ADR: 6.1/III IMDG: 6.1/III IATA: 6.1/III

PAX: 611 CAO: 618 (E)

Signal Word: Danger



H412-H350

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(4,1 g N₂H₄·H₂SO₄ / l H₂O)

Concentration (as N₂H₄(+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786923.1210	500 ml	6

Hydrogen carbonate standard solution HCO₃=1,000±0,002 g/l IC

(NaHCO₃ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(1,377 g NaHCO₃ / l H₂O)

Concentration (as HCO₃) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786924.1210	500 ml	6

Iodide standard solution I=1,000±0,002 g/l IC

(KI in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(1,308 g KI / l H₂O)

Concentration (as I) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786934.1210	500 ml	6

Iron standard solution Fe=1,000±0,002 g/l IC

(Fe(NO₃)₃·9H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(7,234 g Fe(NO₃)₃·9H₂O / l H₂O)

Concentration (as Fe(3+)) 1,000±0,002 g/l

(Standard according NIST SRM 3126a)

Order code	Package	Units/Box st.
786925.1210	500 ml	6

Lead standard solution Pb=1,000±0,002 g/l IC

(Pb(NO₃)₂ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(1,599 g Pb(NO₃)₂ / l H₂O)

Concentration (as Pb) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786931.1210	500 ml	6

Lithium standard solution Li=1,000±0,002 g/l IC

(LiCl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
786348.1210	500 ml	6

Magnesium standard solution

Mg=1,000±0,002 g/l IC

(MgCl₂·6H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
786346.1210	500 ml	6

Manganese standard solution

Mn=1,000±0,002 g/l IC

(Mn(NO₃)₂·4H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
786350.1210	500 ml	6

Mercury standard solution Hg=1,000±0,002 g/l IC

(Hg(NO₃)₂·H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,016kg 1kg-0,984l

SPECIFICATIONS:

Composition:

(1,708 g (Hg(NO₃)₂·H₂O) / l H₂O)

Concentration (en Hg(2+)) 1,000 ±0,002 g/l

Order code	Package	Units/Box st.
786926.1210	500 ml	6

Nickel standard solution Ni=1,000±0,002 g/l IC

(Ni(NO₃)₂·6H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

SPECIFICATIONS:

Composition:

(Ni(NO₃)₂·6H₂O / l H₂O)

Concentration (as Ni(2+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786927.1210	500 ml	6

Nitrate standard solution NO₃=1,000±0,002 g/l IC

(KNO₃ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg-1,00l

Order code	Package	Units/Box st.
784237.1210	500 ml	6

Nitrite standard solution NO₂=1,000±0,002 g/l IC

(NaNO₂ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786327.1210	500 ml	6

Nitrogen standard solution N=1,000±0,002 g/l IC

(NH₄Cl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786325.1210	500 ml	6

Nitrogen (N-NO₂-) standard solution N=1,000±0,002 g/l IC

(NaNO₂ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(4,9262 g NaNO₂ / l H₂O)

Concentration (as N) ≥1,16

Order code	Package	Units/Box st.
786928.1210	500 ml	6

Nitrogen (N-NO₃-) standard solution N=1,000±0,002 g/l IC

(KNO₃ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(7,218 g KNO₃ / l H₂O)

Concentration (as N) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786929.1210	500 ml	6

Phosphate standard solution PO₄=1,000±0,002 g/l IC

(NaNH₄HPO₄·4H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784236.1210	500 ml	6

Phosphorus standard solution P=1,000±0,002 g/l IC

((NH₄)₂HPO₄ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(4,264 g (NH₄)₂HPO₄ / l H₂O)

Concentration (as P) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786922.1210	500 ml	6

Potassium standard solution K=1,000±0,002 g/l IC

(KCl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
784242.1210	500 ml	6

Rubidium standard solution Rb=1,000±0,002 g/l IC

(RbCl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,415 g RbCl / l H₂O)

Concentration (as Rb(1+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786932.1210	500 ml	6

Silver standard solution Ag=1,000±0,002 g/l IC

(AgNO₃ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(1,575 g AgNO₃ / l H₂O)

Concentration (as Ag(1+)) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786930.1210	500 ml	6

Sodium standard solution Na=1,000±0,002 g/l IC

(NaCl in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(2,542 g NaCl / l H₂O)

Concentration (as Na) 1,000±0,002 g/l

(Standard according NIST SRM 3152a)

Order code	Package	Units/Box st.
784243.1210	500 ml	6

Strontium standard solution Sr=1,000±0,002 g/l IC

(Sr(NO₃)₂ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(2,416 g Sr(NO₃)₂ / l H₂O)

Concentration (as Sr) 1,000±0,002 g/l

(Standard according NIST SRM 3153a)

Order code	Package	Units/Box st.
786351.1210	500 ml	6

Sulphate standard solution SO₄=1,000±0,002 g/l IC

(Na₂SO₄ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786329.1210	500 ml	6

Sulphur standard solution S=1,000±0,002 g/l ICC

((NH₄)₂SO₄ in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(4,121 g (NH₄)₂SO₄ / l H₂O)

Concentration (as S) 1,000±0,002 g/l

Order code	Package	Units/Box st.
786933.1210	500 ml	6

Zinc standard solution Zn=1,000±0,002 g/l IC

(Zn(NO₃)₂·4H₂O in H₂O) for ionic chromatography

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

Order code	Package	Units/Box st.
786349.1210	500 ml	6

Multielement standard solution, anionic III IC

[Br⁻], [Cl⁻], [F⁻], [NO₃⁻], [PO₄³⁻], [SO₄²⁻] = 100 mg/l

(NaF, KCl, KBr, KNO₃, NH₄H₂PO₄, Na₂SO₄ in H₂O) for IC

NC: 3822 00 00

1l-1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(Contains 6 elements in H₂O)

Concentration (as mg/l):

Tolerance: ±0,5 mg/l

Br 100

Cl 100

F 100

NO₃ 100

PO₄ 100

SO₄ 100

Order code	Package	Units/Box st.
786937.1208	100 ml	6
786937.1210	500 ml	6

Multiement standard solution, anionic IV IC [Br⁻],[NO₃⁻]=25mg/l,[Cl⁻]=10mg/l, [F⁻]=5mg/l, [NO₂⁻]=15mg/l, [PO₄³⁻]=40mg/l, [SO₄²⁻] = 30 mg/l

(NaF, NaCl, KBr, NaNO₂, NaNO₃, KH₂PO₄, Na₂SO₄ in H₂O) for IC

NC: 3822 00 00

1l~1,00kg 1kg~1,00l

SPECIFICATIONS:

Composition:

(Contains 7 elements in H₂O)

Concentration (as mg/l):

Tolerance:.....	±0,2 mg/l
Br.....	25
Cl.....	10
F.....	5
NO ₂	15
NO ₃	25
PO ₄	40
SO ₄	30

Order code	Package	Units/Box st.
786938.1208	100 ml	6
786938.1210	500 ml	6

Multiement standard solution, anionic V IC [Br⁻],[Cl⁻], [F⁻],[NO₂⁻],[NO₃⁻], [PO₄³⁻],[SO₄²⁻] = 1000 mg/l

(NaF, NaCl, KBr, NaNO₂, NaNO₃, KH₂PO₄, Na₂SO₄ in H₂O) for IC

NC: 3822 00 00

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Composition:

(Contains 7 elements in H₂O)

Concentration (as mg/l):

Tolerance:.....	±4,5 mg/l
Br.....	1000
Cl.....	1000
F.....	1000
NO ₂	1000
NO ₃	1000
PO ₄	1000
SO ₄	1000

Order code	Package	Units/Box st.
786939.1208	100 ml	6
786939.1210	500 ml	6

Multiement standard solution, cationic II IC [Ca²⁺],[K⁺],[Mg²⁺],[Na⁺],[NH₄⁺] = 100 mg/l

(KCl, NaCl, NH₄Cl, MgCl₂, CaCl₂ in H₂O) for IC

NC: 3822 00 00

1l~0,998kg 1kg~1,002l

SPECIFICATIONS:

Composition:

(Contains 5 elements in H₂O)

Concentration (as mg/l):

Tolerance:.....	±0,50 mg/l
Ca.....	100
K.....	100
Mg.....	100
Na.....	100
NH ₄	100

Order code	Package	Units/Box st.
786941.1208	100 ml	6
786941.1210	500 ml	6

Multiement standard solution, cationic III IC [Ca²⁺],[K⁺] = 5 mg/l, [Li⁺] = 0,5 mg/l ,[Mg²⁺],[NH₄⁺] = 2,5 mg/l, [Na⁺] = 2 mg/l

(LiNO₃, NaNO₃, NH₄NO₃, CaCO₃, Mg(NO₃)₂, KNO₃ in H₂O) for IC

NC: 3822 00 00

1l~0,997kg 1kg~1,003l

SPECIFICATIONS:

Composition:

(Contains 6 elements in H₂O)

Concentration (as mg/l):

Tolerance:.....	±0,50 mg/l
Ca.....	5
K.....	5
Li.....	0,5
Mg.....	2,5
Na.....	2
NH ₄	2,5

Order code	Package	Units/Box st.
786942.1208	100 ml	6
786942.1210	500 ml	6

Multiement standard solution, cationic IV IC [Ca²⁺],[NH₄⁺] = 40mg/l, [K⁺],[Mg²⁺], [Na⁺] = 20 mg/l,[Li⁺] = 10 mg/l

(Li₂CO₃, NaNO₃, NH₄NO₃, CaCO₃, Mg(NO₃)₂, KNO₃ in 0,1% HNO₃) for IC

NC: 3822 00 00

1l~0,998kg 1kg~1,002l

SPECIFICATIONS:

Composition:

(Contains 6 elements in 0,1% HNO₃)

Concentration (as mg/l):

Tolerance:.....	±0,25 mg/l
Ca.....	40
K.....	20
Li.....	10
Mg.....	20
Na.....	20
NH ₄	40

Order code	Package	Units/Box st.
786943.1208	100 ml	6
786943.1210	500 ml	6

STANDARD FOR OILS

Reference Standard for Olive Oil CRS

NC: 1509 90 00

1l~0,915kg 1kg~1,093l

Order code	Package	Units/Box st.
345411.1608	100 ml	6

STANDARDS REDOX

Redox Standard 220 mV (25°C) RS

NC: 3822 00 00

1l~1,004kg 1kg~0,996l

Composition:

Potassium Hexacyanoferrate(II) 3-hydrate.....	4,3 g
Potassium Hexacyanoferrate(III).....	3,3 g
Buffer Solution pH 7,00.....	200 ml
Water s.q.m.....	1000 ml

REDOX POTENTIAL VALUES DEPENDING ON TEMPERATURE

T(°C).....	mV
10.....	245
15.....	236
20.....	228
25.....	220
30.....	212
35.....	204
40.....	195
50.....	178
60.....	160
70.....	142

Order code	Package	Units/Box st.
395443.1209	250 ml	6

Redox Standard 468 mV (25°C) RS

NC: 3822 00 00

1l~1,033kg 1kg~0,968l

Composition:

Iron(II) Sulphate 7-hydrate.....	9,2 g
Iron(III) Sulphate x-hydrate.....	9,3 g
Sulphuric Acid 96%.....	18 ml
Water s.q.m.....	1000 ml

REDOX POTENTIAL VALUES DEPENDING ON TEMPERATURE

T(°C).....	mV
10.....	452
15.....	457
20.....	463
25.....	468
30.....	474
35.....	479
40.....	485
50.....	497
60.....	509
70.....	522

Order code	Package	Units/Box st.
395442.1209	250 ml	6

STANDARDS FOR SPECTROPHOTOMETRY

Standard for UV-VISible Spectrophotometry: solution for the absorbance control (Ph. Eur.) RS

NC: 3822 00 00

Content:
4 x 10 ml Standard ampoules
4 x 10 ml Reference ampoules

Order code	Package	Units/Box st.
395462.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the control of the spectral resolution (Ph. Eur.) RS

NC: 3822 00 00 UN: 1208

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H411-H361f-H304-H336

1l-0,661kg 1kg-1,513l

Content:
4 x 10 ml Standard ampoules
4 x 10 ml Reference ampoules

Order code	Package	Units/Box st.
395461.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the stray light control (Ph. Eur.) RS

NC: 3822 00 00

1l-1,006kg 1kg-0,994l

Content:
8 x 10 ml Ampoules

Order code	Package	Units/Box st.
395460.2590	8 x 10 ml	6

Standard for UV-VISible Spectrophotometry: solution for the wavelength control (Ph. Eur.) RS

NC: 3822 00 00 UN: 3093

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,112kg 1kg-0,899l

Content:
8 x 10 ml Ampoules

Order code	Package	Units/Box st.
396070.2590	8 x 10 ml	6

TIC Standard (50 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(0,2206 g Na₂CO₃ + 174,9 mg NaHCO₃ / l H₂O)

Concentration (as C⁴⁺)..... 50±0,3 mg/l

Order code	Package	Units/Box st.
396900.1211	1000 ml	6

TIC Standard (100 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(0,4412 g Na₂CO₃ + 349,8 mg NaHCO₃ / l H₂O)

Concentration (as C⁴⁺)..... 100±0,5 mg/l

Order code	Package	Units/Box st.
396901.1211	1000 ml	6

TIC Standard (500 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(2,2061 g Na₂CO₃ + 1,7486 g NaHCO₃ / l H₂O)

Concentration (as C⁴⁺)..... 500±3 mg/l

Order code	Package	Units/Box st.
396902.1211	1000 ml	6

TIC Standard (1000 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(4,4122 g Na₂CO₃ + 3,4972 g NaHCO₃ / l H₂O)

Concentration (as C⁴⁺)..... 1000±5 mg/l

Order code	Package	Units/Box st.
396903.1211	1000 ml	6

TIC Standard (10000 mg/l) RS

NC: 3822 00 00

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Composition:

(44,122 g Na₂CO₃ + 34,972 g NaHCO₃ / l H₂O)

Concentration (as C⁴⁺)..... 10000±50 mg/l

Order code	Package	Units/Box st.
396904.1211	1000 ml	6

TOC Standard (50 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(106,3 mg C₈H₅O₄K / l H₂O)

Concentration (as C⁴⁺)..... 50±0,3 mg/l

Order code	Package	Units/Box st.
396905.1211	1000 ml	6

TOC Standard (100 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(212,6 mg C₈H₅O₄K / l H₂O)

Concentration (as C⁴⁺)..... 100±0,5 mg/l

Order code	Package	Units/Box st.
396906.1211	1000 ml	6

TOC Standard (500 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(1,063 g C₈H₅O₄K / l H₂O)

Concentration (as C⁴⁺)..... 500±3 mg/l

Order code	Package	Units/Box st.
396907.1211	1000 ml	6

TOC Standard (1000 mg/l) RS

NC: 3822 00 00

1l-1,001kg 1kg-0,999l

SPECIFICATIONS:

Composition:

(2,1255 g C₈H₅O₄K / l H₂O)

Concentration (as C⁴⁺)..... 1000±5 mg/l

Order code	Package	Units/Box st.
396908.1211	1000 ml	6

TOC Standard (10000 mg/l) RS

NC: 3822 00 00

1l-1,002kg 1kg-0,998l

SPECIFICATIONS:

Composition:

(21,255 g C₈H₅O₄K / l H₂O)

Concentration (as C⁴⁺)..... 10000±50 mg/l

Order code	Package	Units/Box st.
396909.1211	1000 ml	6

STANDARDS FOR TURBIDITY

Turbidity Standard Solution A RS

for formazin primary standard

NC: 3822 00 00 UN: 3287

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H350-H311-H301

1l-1,006kg 1kg-0,994l

Composition:

Hidrazinium Sulphate 1,0 g

Water s.q.m 100 ml

Order code	Package	Units/Box st.
395464.1209	250 ml	6

Turbidity Standard Solution B RS

for formazin primary standard

NC: 3822 00 00

1l~1,021kg 1kg~0,979l

Composition:

Hexamethylenetetramine.....10,0 g
Water s.q.m.....100 ml

Order code	Package	Units/Box st.
395465.1209	250 ml	6

STANDARDS FOR WATER

Karl Fischer Water Standard 1,00 mg/g RS

for coulometric titrations. 1 g contains 1,00±0,005 mg H₂O

NC: 3822 00 00

Signal Word: Warning



H226-H319-H335-H315

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
395459.2527	10 x 10 ml	6

Karl Fischer Water Standard 5,0 mg/g RS

for volumetric titrations. 1 g contains 5,0 ± 0,02 mg H₂O

NC: 3822 00 00 UN: 1993 ADR: 3/III IMDG: 3/III IATA: 3/III PAX: 309

CAO: 310 (D/E)

Signal Word: Danger



H225-H312-H332-H315-H319

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
396883.2527	10 x 10 ml	6

Karl Fischer Water Standard 10,0 mg/g RS

for volumetric titrations. 1 g contains 10,0±0,1 mg H₂O

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225-H332-H312-H319-H315

1l~1,000kg 1kg~1,000l

Order code	Package	Units/Box st.
395458.2527	10 x 10 ml	6

STANDARDS FOR WINE

Certified Control Material for Oenological analysis (Red Wine) CRS

NC: 3822 00 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Alcohol content

Total sugars (as Glucose and Fructose)

Reducing sugars

Total acidity (as Tartaric Acid)

Volatile acidity (as Acetic Acid)

Total Sulfur dioxide

L-Maleic Acid

L-Lactic Acid

pH

Glycerol

Gluconic Acid

DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
345268.1610	500 ml	6

Certified Control Material for Oenological analysis (White Wine) CRS

NC: 3822 00 00

1l~0,990kg 1kg~1,010l

SPECIFICATIONS:

Alcohol content

Total sugars (as Glucose and Fructose)

Reducing sugars

Total acidity (as Tartaric Acid)

Volatile acidity (as Acetic Acid)

Total Sulfur dioxide

L-Maleic Acid

L-Lactic Acid

pH

Glycerol

Gluconic Acid

DO NOT USE FOR ALIMENTARY PURPOSE

Order code	Package	Units/Box st.
345271.1610	500 ml	6

Standard for Oenology (Methanol and Higher Alcohols) CRS

NC: 3822 00 00

1l~0,980kg 1kg~1,020l

Order code	Package	Units/Box st.
345269.0922	20 x 1 ml	6

Stannic

(see Tin(IV) compounds)

Stannous

(see Tin(II) compounds)

Starch from Potato soluble (Reag. USP, Ph. Eur.) PA

indicator for iodometry

(C₆H₁₀O₅)_n

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

SPECIFICATIONS:

Identity.....IR p/t
pH of 2% solution.....5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O.....p/t

Loss on drying at 100°C.....13-20 %

Residue on ignition (as SO₂).....1,5 %

Reducing substances (as C₆H₁₂O₆).....0,7 %

Sensitivity as iodine reagent.....p/t

Order code	Package	Units/Box st.
121096.1210	500 g	6
121096.1211	1000 g	6
121096.0914	5 kg	4
121096.0416	25 kg	

STARCH SOLUTIONS

Starch solution 1% RV

indicator for iodometry

(C₆H₁₀O₅)_n

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:

Sensitivity as iodine reagent.....p/t

Order code	Package	Units/Box st.
283146.1209	250 ml	6

Starch solution 1% VINIKIT

for determination of sulphurous gas (SO₂) in wine

(C₆H₁₀O₅)_n

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,003kg 1kg~0,997l

SPECIFICATIONS:

Sensitivity as iodine reagent.....p/t

Order code	Package	Units/Box st.
623146.1208	100 ml	6
623146.1210	500 ml	6

Starch solution 2% VINIKIT

for determination of reducing sugar in wine, according to Rebelein method (see also Rebelein's Kit)

(C₆H₁₀O₅)_n

M: (162,14)n CAS: 9005-84-9 EINECS: 232-686-4 NC: 3505 10 90

1l~1,021kg 1kg~0,979l

SPECIFICATIONS:

Sensitivity as iodine reagent.....p/t

Order code	Package	Units/Box st.
624567.1210	500 ml	6

Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX

C₁₈H₃₆O₂

M: 284,49 CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) (stearic + palmitic acids) .. 96,0 %
 Minimum assay (G.C. as methyl ester) (stearic acid) 90,0 %
 Identity according to Pharmacopoeias p/t.
 Melting range..... 66-69°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of substance p/t.
 Residue on ignition (as SO₂) 0,1 %
 Mineral acids p/t.
 Neutral fats or paraffins p/t.
 Residual solvents (Ph.Eur./USP)..... p/t.
 Acidity value 195-200
 Iodine value 1.5
 Heavy metals (as Pb)..... 0,001 %
 Ni 0,0001 %

Order code	Package	Units/Box st.
142590.1210	500 g	6
142590.1211	1000 g	6
142590.0914	5 kg	4
142590.0416	25 kg	

Stearic Acid, 98% PS

C₁₈H₃₆O₂

M: 284,49 CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester)..... 98 %
 Identity IR p/t.
 Melting range..... 67-70°C

Order code	Package	Units/Box st.
162590.1210	500 g	6
162590.1211	1000 g	6

Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX

CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Minimum assay (G.C. as methyl ester) (stearic + palmitic acids) 90,0 %
 Assay (G.C. as methyl ester) (stearic acid)..... 40,0-60,0 %
 Minimum assay (G.C. as methyl ester) (palmitic acid)..... 40 %
 Melting point..... 54-59°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of the substance p/t.
 Residue on ignition (as SO₂) 0,1 %
 Mineral acids p/t.
 Neutral fats or paraffins p/t.
 Residual solvents (Ph.Eur./USP)..... p/t.
 Acidity value 200-212
 Iodine value 4,0
 Heavy metals (as Pb)..... 0,001 %
 Ni 0,0001 %

Order code	Package	Units/Box st.
142512.1211	1000 g	6
142512.0914	5 kg	
142512.0416	25 kg	

Stearic Acid 50 (fatty acids mixture) (F.C.C.) ADITIO

CAS: 57-11-4 EINECS: 200-313-4 NC: 2915 70 25

SPECIFICATIONS:

Solidification point..... 54,5-69°C
 Residue on ignition, not more than 0,1 %
 Unsaponifiable matter, not more than 1,5 %
 Acidity value 196-211
 Saponification value 197-212
 Iodine value 7
 Water, not more than 0,2 %
 Lead, not more than 2 ppm
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
202512.0914	5 kg	

Stearic Acid Magnesium Salt

(see Magnesium Stearate)

Stearic Acid Methyl Ester

(see Methyl Stearate)

Stearic Acid Sodium Salt

(see Sodium Stearate)

Stearyl Alcohol, 96% PS

CH₃(CH₂)₁₇OH

M: 270,48 CAS: 112-92-5 EINECS: 204-017-6 NC: 2905 17 00

Minimum assay (G.C.) 96 %
 Identity IR p/t.
 Melting range..... 57-60°C

Order code	Package	Units/Box st.
15A705.1209	250 g	6
15A705.1211	1000 g	6

STRONTIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Strontium Carbonate PRS

SrCO₃

M: 147,63 CAS: 1633-05-2 EINECS: 216-643-7 NC: 2836 92 00

SPECIFICATIONS:

Assay (Compl.) 98 %
 Insoluble matter in CH₃COOH 0,025 %
 Chloride (Cl) 0,02 %
 Phosphate (PO₄) 0,005 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141306.1210	500 g	6
141306.1211	1000 g	6
141306.0914	5 kg	

Strontium Chloride 6-hydrate PRS

SrCl₂·6H₂O

M: 266,62 CAS: 10025-70-4 EINECS: 233-971-6 NC: 2827 39 85

SPECIFICATIONS:

Assay (Compl.) 98-103 %
 pH of 5% solution 5-7
 Insoluble matter in H₂O 0,01 %
 Sulphate (SO₄) 0,005 %
 Ca 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141307.1210	500 g	6
141307.1211	1000 g	6
141307.0914	5 kg	
141307.0416	25 kg	

Strontium Fluoride PRS

SrF₂

M: 125,62 CAS: 7783-48-4 EINECS: 232-000-3 NC: 2826 19 90

Signal Word: Warning



H332-H312-H302

SPECIFICATIONS:

Assay (Compl.) 98 %
 Carbonate p/t.
 Chloride (Cl) 0,01 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
142230.1210	500 g	6

Strontium Hydroxide 8-hydrate PRS

Sr(OH)₂·8H₂O

M: 265,76 CAS: 1311-10-0 EINECS: 242-367-1 NC: 2816 40 00

Signal Word: Danger



H314

SPECIFICATIONS:

Assay (Compl.) 99 %
 Insoluble matter in HCl 0,01 %
 Chloride (Cl) 0,005 %
 Sulphide (S) 0,001 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141309.1211	1000 g	6
141309.0914	5 kg	

S

Strontium Nitrate PA-ACS

Sr(NO₃)₂

M: 211,63 CAS: 10042-76-9 EINECS: 233-131-9 NC: 2834 29 80 UN: 1507
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

SPECIFICATIONS:

Minimum assay (Compl.) 99,0 %
pH of 5% solution 5,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Loss on drying at 105°C 0,1 %
Chloride (Cl) 0,002 %
Sulphate (SO₄) 0,005 %
Heavy metals (as Pb) 0,0005 %
Ba 0,05 %
Ca 0,05 %
Cu 0,0005 %
Fe 0,0002 %
K 0,05 %
Mg 0,05 %
Na 0,05 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131310.1209	250 g	6
131310.1211	1000 g	6
131310.1214	5 kg	4

Strontium Nitrate PRS

Sr(NO₃)₂

M: 211,63 CAS: 10042-76-9 EINECS: 233-131-9 NC: 2834 29 80 UN: 1507
IMDG: 5.1/III ADR: 5.1/III IATA: 5.1/III PAX: 516 CAO: 518

Signal Word: Danger



H272

SPECIFICATIONS:

Assay (Compl.) 98 %
Insoluble matter in H₂O 0,025 %
Acidity (as HNO₃) 0,01 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,02 %
Cu 0,002 %
Fe 0,005 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141310.1210	500 g	6
141310.1211	1000 g	6
141310.0914	5 kg	

Strontium Oxalate 1-hydrate PRS

Sr(COO)₂·H₂O

M: 193,65 CAS: 814-95-9 EINECS: 212-415-6 NC: 2917 11 00

SPECIFICATIONS:

Assay (Compl.) 98 %
Insoluble matter in HCl 0,05 %
Carbonate p/t.
Chloride (Cl) 0,01 %
Cu 0,003 %
Fe 0,005 %
Mg 0,05 %
Ni 0,003 %

Order code	Package	Units/Box st.
141311.1210	500 g	6
141311.0914	5 kg	

Strontium Sulphate PRS

SrSO₄

M: 183,68 CAS: 7759-02-6 EINECS: 231-850-2 NC: 2833 29 90

SPECIFICATIONS:

Assay (Compl.) 98 %
Acidity and alkalinity p/t.
Chloride (Cl) 0,005 %
Cu 0,002 %
Fe 0,002 %
Ni 0,002 %
Pb 0,002 %

Order code	Package	Units/Box st.
141312.1211	1000 g	6
141312.0914	5 kg	

Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS

C₈H₈

M: 104,15 CAS: 100-42-5 EINECS: 202-851-5 NC: 2902 50 00 UN: 2055

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H319-H315

1l-0,910kg 1kg-1,01l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
Density at 20/4 0,904-0,908
Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
15A780.1611	1000 ml	6
15A780.1612	2,5 l	4
15A780.1714	5 l	4

Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS

HOOCCH₂CH₂COOH

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.) 99,5 %
Identity IR p/t.
Melting range 185,0-187°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Residue on ignition 0,02 %
Nitrogen compounds (as N) 0,001 %
Chloride (Cl) 0,001 %
Phosphate (PO₄) 0,001 %
Sulphate (SO₄) 0,003 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
Mg 0,005 %
Mn 0,0005 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
131883.1209	250 g	6

Succinic Acid (E-363, F.C.C.) ADITIO

HOOCCH₂CH₂COOH

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C₄H₆O₄) 99,0-100,5%
Melting Range 185,0-190,0°C
Residue on Ignition, not more than 0,025 %
Arsenic, not more than 3 ppm
Mercury, not more than 1 ppm
Lead, not more than 2 ppm
Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201883.1214	5 kg	4
201883.0416	25 kg	

Succinic Acid, 99% PS

HOOCCH₂CH₂COOH

M: 118,09 CAS: 110-15-6 EINECS: 203-740-4 NC: 2917 19 90

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %
Identity IR p/t.
Melting range 185-188°C

Order code	Package	Units/Box st.
161883.1210	500 g	6
161883.1211	1000 g	6
161883.1214	5 kg	4

Succinic Anhydride, 99% PS

C₄H₄O₃
 M: 100,07 CAS: 108-30-5 EINECS: 203-570-0 NC: 2917 19 90
 Signal Word: Warning

 H302-H319-H335

SPECIFICATIONS:
 Minimum assay (Acidim.)..... 99 %
 Identity..... IR p/t.
 Melting range..... 117-119°C

Order code	Package	Units/Box st.
15A714.1209	250 g 	6
15A714.1211	1000 g 	6

Succinimide, 99% PS

C₄H₅NO₂
 M: 99,09 CAS: 123-56-8 EINECS: 204-635-6 NC: 2925 19 95

SPECIFICATIONS:
 Minimum assay (Acidim.)..... 99 %
 Identity..... IR p/t.
 Melting range..... 122-125°C

Order code	Package	Units/Box st.
15A870.1209	250 g 	6
15A870.1211	1000 g 	6

Sucrose

(see Saccharose)

Sudan III (C.I. 26100) DC

for microscopy, fatty acids and neutral fats staining in faeces
 C₂₂H₁₆N₂O

M: 352,40 CAS: 85-86-9 EINECS: 201-638-4 NC: 3204 16 00

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in C₂H₅..... 508-512 nm
 A 1%, 1 cm, λ_{max}..... >750
 Ratio λ_{max}. P ± 15 nm..... 0,94-1,01
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 135°C..... 2 %

Order code	Package	Units/Box st.
251731.1606	25 g 	6
251731.1608	100 g 	6

Sudan IV (C.I. 26105) DC

for microscopy, fatty acids and neutral fats staining in faeces
 C₂₄H₂₀N₂O

M: 380,45 CAS: 85-83-6 EINECS: 201-635-8 NC: 3204 16 00

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in C₂H₅..... 519-523 nm
 A 1%, 1 cm, λ_{max}..... >600
 Ratio λ_{max}. P ± 15 nm..... 0,97-1,01
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 135°C..... 3 %

Order code	Package	Units/Box st.
251858.1606	25 g 	6

Sudan Black B (C.I. 26150) DC

for microscopy, fat staining

C₂₉H₂₄N₆

M: 456,55 CAS: 4197-25-5 EINECS: 224-087-1 NC: 3204 16 00

SPECIFICATIONS:
 Identity..... IR p/t.
 λ of max. ABS in C₂H₅OH..... 596-605 nm
 A 1%; 1 cm; λ_{max}..... >390
 Ratio λ_{max}. P ± 15 nm..... 0,98-1,02
 T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES
 Loss on drying at 105°C..... 1 %

Order code	Package	Units/Box st.
252069.1606	25 g 	6
252069.1608	100 g 	6

Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS

H₃NO₃S

M: 97,07 CAS: 5329-14-6 EINECS: 226-218-8 NC: 2811 19 80 UN: 2967
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning

 H319-H315-H412

SPECIFICATIONS:
 Assay (Acidim.) a.d.s..... 99,5-100,3 %
 Identity..... IR p/t.

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O..... 0,01 %
 Residue on ignition..... 0,01 %
 Chloride (Cl)..... 0,001 %
 Sulphate (SO₄)..... 0,05 %
 Heavy metals (as Pb)..... 0,001 %
 Cu..... 0,001 %
 Fe..... 0,0005 %
 Ni..... 0,001 %
 Pb..... 0,001 %

Order code	Package	Units/Box st.
131056.1210	500 g 	6
131056.1211	1000 g 	6
131056.1214	5 kg 	4
131056.0416	25 kg 	

Sulphamic Acid, 99% PS

H₃NO₃S

M: 97,07 CAS: 5329-14-6 EINECS: 226-218-8 NC: 2811 19 80 UN: 2967
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning

 H319-H315-H412

SPECIFICATIONS:
 Minimum assay (Acidim.)..... 99 %
 Identity..... IR p/t.

Order code	Package	Units/Box st.
161056.1211	1000 g 	6

Sulphan Blue

(see Disulphine Blue)

Sulphanilamide (Reag. Ph. Eur.) PA

C₆H₅N₂O₂S

M: 172,21 CAS: 63-74-1 EINECS: 200-563-4 NC: 2935 00 90

SPECIFICATIONS:
 Minimum assay (HPLC)..... 99,0 %
 Identity..... IR p/t.
 Melting range..... 164-167°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in HCl..... p/t.
 Insoluble matter in NaOH..... p/t.
 Residue on ignition (as SO₄)..... 0,05 %
 Water (H₂O)..... 0,5 %
 Chloride (Cl)..... 0,005 %
 Sulphate (SO₄)..... 0,01 %
 Cd..... 0,0005 %
 Co..... 0,0005 %
 Cr..... 0,0005 %
 Cu..... 0,0005 %
 Fe..... 0,0005 %
 Mn..... 0,0005 %
 Ni..... 0,0005 %
 Pb..... 0,0005 %
 Zn..... 0,0005 %

Order code	Package	Units/Box st.
122823.1208	100 g 	6

Sulphanilamide (Ph. Fr., DAB) PRS-CODEX

C₆H₅N₂O₂S

M: 172,21 CAS: 63-74-1 EINECS: 200-563-4 NC: 2935 00 90

SPECIFICATIONS:
 Assay (HPLC) calc. a.d.s..... 99-101 %
 Identity..... IR p/t.
 Melting range..... 164-167°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in HCl..... p/t.
 Insoluble matter in NaOH..... p/t.
 Loss on drying at 105°C..... 0,5 %
 Residue on ignition (as SO₄)..... 0,1 %
 Residual solvents (Ph.Eur./USP)..... p/t.
 Acidity..... p/t.
 Chloride (Cl)..... 0,01 %
 Sulphate (SO₄)..... 0,02 %
 Heavy metals (as Pb)..... 0,002 %

Order code	Package	Units/Box st.
142823.1210	500 g 	6
142823.1211	1000 g 	6
142823.0914	5 kg 	

Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS

C₆H₇NO₃S

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay (Acidim.) 99,5-102,0%
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in Na₂CO₃ 0,01 %
Residue on ignition 0,01 %
Sensitivity to NO₂ p/t.
Chloride (Cl) 0,002 %
Nitrite (NO₂) 0,00005 %
Sulphate (SO₄) 0,01 %
Heavy metals (as Pb) 0,001 %
Ca 0,001 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,0005 %
K 0,005 %
Mg 0,0005 %
Mn 0,0005 %
Na 0,005 %
Ni 0,0005 %
Pb 0,0005 %
Zn 0,0005 %

Order code	Package	Units/Box st.
131057.1209	250 g	6
131057.1211	1000 g	6
131057.0914	5 kg	
131057.0416	25 kg	

Sulphanilic Acid PRS

C₆H₇NO₃S

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay (Acidim.) 99 %
Identity IR p/t.
Insoluble matter in Na₂CO₃ 0,05 %
Chloride (Cl) 0,01 %
Sulphate (SO₄) 0,05 %

Order code	Package	Units/Box st.
141057.1209	250 g	6
141057.1211	1000 g	6
141057.0914	5 kg	
141057.0416	25 kg	

Sulphanilic Acid, 99% PS

C₆H₇NO₃S

M: 173,19 CAS: 121-57-3 EINECS: 204-482-5 NC: 2921 42 10

Signal Word: Warning



H319-H315-H317

SPECIFICATIONS:

Assay 99 %
Identity IR p/t.

Order code	Package	Units/Box st.
151057.1208	100 g	6
151057.1210	500 g	6

SULPHATE SOLUTIONS

(see Standards for Atomic Absorption and Ionic Chromatography)

5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS

C₇H₆O₆S₂H₂O

M: 254,22 CAS: 5965-83-3 EINECS: 202-555-6 NC: 2918 29 10 UN: 3261

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.) 99,0-101,0%
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Residue on ignition (as SO₄) 0,1 %
Salicylic acid (C₇H₆O₃) 0,04 %
Chloride (Cl) 0,001 %
Sulphate (SO₄) 0,02 %
Water (H₂O) 15 %
Heavy metals (as Pb) 0,002 %
Cu 0,001 %
Fe 0,001 %
Ni 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
132838.1209	250 g	6
132838.1211	1000 g	6

SULPHUR SOLUTIONS

(see Standards for ICP)

Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX

for external use

S

M: 32,06 CAS: 7704-34-9 EINECS: 231-722-6 NC: 2802 00 00 UN: 1350

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

Signal Word: Warning



H315

SPECIFICATIONS:

Assay 99,0-101,0%
Identity according to Pharmacopoeias p/t.
Melting range 118-120°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Odour p/t.
Residue on ignition (as SO₄) 0,1 %
Residual solvents (Ph.Eur./USP) p/t.
Acidity or alkalinity p/t.
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,01 %
Sulphide p/t.
Water (H₂O) 0,5 %
Arsenic and selenium (as As) 0,0002 %

Order code	Package	Units/Box st.
141163.1210	500 g	6
141163.1211	1000 g	6
141163.0914	5 kg	
141163.0416	25 kg	

Sulphur sublimated (USP) PRS-CODEX

S

M: 32,06 CAS: 7704-34-9 EINECS: 231-722-6 NC: 2802 00 00 UN: 1350

IMDG: 4.1/III ADR: 4.1/III IATA: 4.1/III PAX: 419 CAO: 420

SPECIFICATIONS:

Signal Word: Warning



H315

Assay (a.d.s.) 99,5-100,5%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Solubility in Carbon Disulphide p/t.
Residue on ignition (as SO₄) 0,5 %
Residual solvents (Ph.Eur./USP) p/t.
Acidity (as H₂SO₄) 0,2 %
Sulphide p/t.
As 0,0004 %

Order code	Package	Units/Box st.
141164.1210	500 g	6
141164.1211	1000 g	6
141164.0914	5 kg	
141164.0416	25 kg	

Sulphur Trioxide-Pyridine (Complex) PS

C₅H₅NO₂S

M: 159,16 CAS: 26412-87-3 EINECS: 247-683-3 NC: 2942 00 00

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (SO₃) ≥ 45 %

Order code	Package	Units/Box st.
15A720.1608	100 g	6

Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) 93-98 %

MAXIMUM LIMIT OF IMPURITIES

Metals by ICP (ppt)

Ag	50	Ge	100	Rh	50
Al	50	Hf	10	Sb	50
As	500	Hg	100	Sc	10
Ba	10	Ho	10	Se	500
Be	10	In	10	Sm	10
Bi	10	K	50	Sn	50
Ca	50	La	10	Sr	10
Cd	10	Li	10	Tb	10
Ce	10	Lu	10	Te	50
Co	10	Mg	50	Th	10
Cr	10	Mn	10	Ti	50
Cs	10	Mo	10	Tl	10
Cu	10	Na	50	Tm	10
Dy	10	Nb	10	U	10
Er	10	Nd	10	V	10
Eu	10	Ni	50	W	10
Fe	50	Pb	10	Y	10
Ga	10	Pr	10	Yb	10
Gd	10	Rb	10	Zn	50
				Zr	10

Analysis Type:

Ag	5	Hf	0,1	Rh	1
Al	30	Hg	50	Sb	10
As	500	Ho	0,1	Sc	5
Ba	10	In	1	Se	500
Be	5	K	50	Sm	0,1
Bi	1	La	1	Sn	50
Ca	50	Li	10	Sr	1
Cd	1	Lu	0,1	Ta	20
Ce	0,1	Mg	10	Tb	0,1
Co	10	Mn	1	Te	10
Cr	10	Mo	10	Th	0,1
Cs	1	Na	30	Ti	50
Cu	5	Nb	1	Tl	1
Dy	0,1	Nd	0,1	Tm	0,1
Er	0,1	Ni	20	U	0,1
Eu	0,1	Pb	5	V	5
Fe	30	Pd	10	W	5
Ga	1	Pr	0,1	Y	1
Gd	0,1	Pt	10	Yb	0,1
Ge	100	Rb	1	Zn	20
				Zr	5

Order code	Package	Units/Box st.
711058.0009	250 ml	6
711058.0010	500 ml	6

Sulphuric Acid 93-98% (TMA) HIPERPUR

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) 93-98 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Reducing substances to KMnO ₄	0,002 %
Chloride (Cl)	0,00007 %
Nitrate (NO ₃)	0,00002 %
Total phosphorus	0,000005 %

Metals by ICP (ppb)

Analysis Type:

Ag	0,1	Hg	0,1	Se	5
Al	0,5	Ho	0,1	Sm	0,1
As	0,5	In	0,1	Sn	0,1
Au	0,1	K	0,5	Sr	0,1
Ba	0,1	La	0,1	Ta	0,5
Be	0,1	Li	0,1	Tb	0,1
Bi	0,1	Lu	0,1	Te	0,1
Ca	0,5	Mg	0,1	Th	0,1
Cd	0,1	Mn	0,5	Ti	0,5
Ce	0,1	Mo	0,1	Tl	0,1
Co	0,1	Na	0,5	Tm	0,1
Cr	0,1	Nb	0,1	U	0,1
Cs	0,1	Nd	0,1	V	0,1
Cu	0,1	Ni	0,1	W	0,5
Dy	0,1	Pb	0,1	Y	0,1
Er	0,1	Pd	0,5	Yb	0,1
Eu	0,1	Pr	0,1	Zn	0,2
Fe	0,5	Pt	0,5	Zr	0,1
Ga	0,1	Rb	0,1		
Gd	0,1	Rh	0,1		
Ge	0,1	Sb	1		
Hf	0,1	Sc	0,1		

Order code	Package	Units/Box st.
721058.0010	500 ml	6
721058.0011	1000 ml	6
721058.0012	2,5 l	4

Sulphuric Acid 96% (VLSI) EG

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay 95,0-97,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non-volatile matter	0,0003 %
Reducing substances to KMnO ₄	0,0001 %
Chloride (Cl)	0,00001 %
Phosphate (PO ₄)	0,00005 %
Nitrate (NO ₃)	0,00002 %
Ammonia	0,0002 %
0,5 µm particles	250 /ml

Metals by ICP [µg/Kg (ppb)]

Ag	10	Co	10	Na	50
Al	50	Cr	10	Ni	10
As	10	Cu	10	Pb	10
Au	10	Fe	50	Sb	10
B	20	Ga	10	Sn	20
Ba	10	K	50	Sr	20
Be	10	Li	10	Ti	20
Bi	20	Mg	20	V	10
Ca	50	Mn	10	Zn	20
Cd	10	Mo	10	Zr	10

Order code	Package	Units/Box st.
871058.1212	2,5 l	4

Sulphuric Acid 95-98% (max. 0,000005% Hg) PA-ACS-ISO

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) 95,0-98,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Residue on ignition 0,0005 %
Reducing substances to KMnO₄ (as SO₂) 0,0002 %
Suitability for COD determination according to UNE 77-004-89 p/t.
Chloride (Cl) 0,00001 %
Phosphate (PO₄) 0,00005 %
Nitrate (NO₃) 0,00002 %
Ammonium (NH₄) 0,0002 %
Heavy metals (as Pb) 0,0001 %
Hg 0,000005 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,02	Cu 0,01	Pb 0,02
Al 0,05	Fe 0,1	Pt 0,1
As 0,01	Ga 0,05	Sb 0,01
Au 0,1	Ge 0,02	Si 0,1
B 0,05	In 0,05	Sn 0,05
Ba 0,05	K 0,1	Sr 0,02
Be 0,02	Li 0,02	Ti 0,02
Bi 0,05	Mg 0,05	Tl 0,02
Ca 0,2	Mn 0,01	V 0,01
Cd 0,02	Mo 0,02	Zn 0,05
Co 0,02	Na 0,5	Zr 0,02
Cr 0,02	Ni 0,02	

Order code	Package	Units/Box st.
471058.1611	1000 ml	6
471058.1612	2,5 l	4

Sulphuric Acid 96% PA-ISO

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Minimum assay (Acidim.) 95,0 %

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Residue on ignition 0,0005 %
Reducing substances to KMnO₄ (as SO₂) 0,0002 %
Suitability for COD determination according to UNE 77-004-89 p/t.
Chloride (Cl) 0,00002 %
Phosphate (PO₄) 0,00005 %
Nitrate (NO₃) 0,00002 %
Ammonium (NH₄) 0,0002 %
Heavy metals (as Pb) 0,0001 %
Ag 0,000002 %
Al 0,000005 %
As 0,000001 %
Be 0,000002 %
Ca 0,00002 %
Cd 0,00002 %
Co 0,00002 %
Cr 0,000005 %
Cu 0,000001 %
Fe 0,00001 %
K 0,00001 %
Li 0,000002 %
Mg 0,000005 %
Mn 0,000001 %
Na 0,00005 %
Ni 0,000002 %
Pb 0,000002 %
Sr 0,000002 %
Zn 0,000005 %

Order code	Package	Units/Box st.
131058.1611	1000 ml	6
131058.1211	1000 ml	6
131058.2211	1000 ml	6
131058.1612	2,5 l	4
131058.1212	2,5 l	4
131058.2212	2,5 l	4
131058.1214	5 l	4
131058.0716	25 l	
131058.0718	60 l	
131058.0719	200 l	

Sulphuric Acid 98% (UNE-EN 899) PA

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) w/w 98±1 %

MAXIMUM LIMIT OF IMPURITIES

Sulphur Dioxide (SO₂) 100 mg/Kg
As 0,4 mg/Kg
Cd 0,1 mg/Kg
Cr 4 mg/Kg
Fe 100 mg/Kg
Hg 0,1 mg/Kg
Ni 4 mg/Kg
Pb 4 mg/Kg
Sb 1 mg/Kg
Se 1 mg/Kg

Order code	Package	Units/Box st.
123163.0716	25 l	

Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) 95,0-98,0 %

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Residue on ignition 0,002 %
Residual solvents (Ph.Eur./USP) p/t.
Reducing substances to KMnO₄ p/t.
Chloride (Cl) 0,001 %
Nitrate p/t.
Ammonium (NH₄) 0,001 %
Heavy metals (as Pb) 0,0005 %
As 0,0001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
Class 1A (Pt, Pd) 10 ppm
Class 1B (Ir, Rh, Ru, Os) 10 ppm
Class 1C (Mo, Ni, Cr, V) 25 ppm
Class 2 (Cu, Mn) 250 ppm
Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141058.1611	1000 ml	6
141058.1211	1000 ml	6
141058.1612	2,5 l	4
141058.1212	2,5 l	4
141058.1214	5 l	4
141058.0716	25 l	
141058.0718	60 l	

Sulphuric Acid 95-98% (F.C.C.) ADITIO

H₂SO₄

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,84kg 1kg-0,54l

SPECIFICATIONS:

Assay (Acidim.) 95,0-98,0 %
Arsenic (as As), not more than 3 ppm
Chloride, not more than 0,005 %
Iron, not more than 0,002 %
Lead, not more than 5 ppm
Nitrate, not more than 10 ppm
Reducing substances (as SO₂) 0,004 %
Selenium, not more than 0,002 %
Residue on ignition, not more than 0,02 %
Mercury, not more than 1 ppm
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201058.1214	5 l	
201058.0716	25 l	

Sulphuric Acid 96% QP

H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,84kg 1kg-0,54l

SPECIFICATIONS:
 Assay (Acidim.).....96 %
 Fe.....0,01 %
 Pb.....0,01 %

Order code	Package	Units/Box st.
211058.1611	1000 ml	6
211058.1211	1000 ml	6
211058.1214	5 l	4
211058.0716	25 l	
211058.0718	60 l	
211058.0719	200 l	

Sulphuric Acid 98% RE

for determination of N
 H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,84kg 1kg-0,54l

SPECIFICATIONS:
 Minimum assay (Acidim.).....98± 1 %
MAXIMUM LIMIT OF IMPURITIES
 Residue on ignition.....0,0005 %
 Nitrogen compounds (as N)0,0005 %

Order code	Package	Units/Box st.
173163.1611	1000 ml	6
173163.1612	2,5 l	4
173163.1214	5 l	
173163.0716	25 l	

Sulphuric Acid 90-91% acc. to Gerber PA

for determination of fat in milk
 H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,823kg 1kg-0,549l

SPECIFICATIONS:
 Assay (Acidim.).....90-91 %
 Density at 20/41,815-1,821
MAXIMUM LIMIT OF IMPURITIES
 Nitrate (NO₃).....0,00005 %
 Suitability for fatty determination, according to Gerberp/t.

Order code	Package	Units/Box st.
121010.1611	1000 ml	6
121010.1211	1000 ml	6
121010.1612	2,5 l	4
121010.1212	2,5 l	4
121010.1214	5 l	4
121010.0716	25 l	

Sulphuric Acid 25% PA

H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,181kg 1kg-0,846l

SPECIFICATIONS:
 Minimum assay (Acidim.).....25 %

MAXIMUM LIMIT OF IMPURITIES
 APHA colour.....10
 Residue on ignition.....0,0005 %
 Reducing substances to KMnO₄ (as SO₂).....0,0002 %
 Chloride (Cl).....0,00002 %
 Phosphate (PO₄).....0,00005 %
 Nitrate (NO₃).....0,00002 %
 Ammonium (NH₄).....0,00002 %
 Heavy metals (as Pb).....0,0001 %
 Ag.....0,000002 %
 Al.....0,000005 %
 As.....0,000001 %
 Be.....0,000002 %
 Ca.....0,00002 %
 Cd.....0,000002 %
 Co.....0,000002 %
 Cr.....0,000005 %
 Cu.....0,000001 %
 Fe.....0,00001 %
 K.....0,00001 %
 Li.....0,000002 %
 Mg.....0,000005 %
 Mn.....0,000001 %
 Na.....0,00005 %
 Ni.....0,000002 %
 Pb.....0,000002 %
 Sr.....0,000002 %
 Zn.....0,000005 %

Order code	Package	Units/Box st.
122448.1211	1000 ml	6

Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE

for determination of fat in cheese
 H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 1830
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,522kg 1kg-0,657l

SPECIFICATIONS:
 Density at 20/41,517-1,527

Order code	Package	Units/Box st.
173253.1611	1000 ml	6

Sulphuric Acid fuming ~20% SO₃ PS

H₂O.S.(SO₃)_n
 H₂SO₄.(SO₃)_n
 M.= 98,08 NC: 2807 00 90 E.C.: 016-019-00-2 RTECS: WS 5605000
 VLA-ED: 1 mg/m³ VLA-EC: 3 mg/m³ UN: 1831 ADR: 8/II IMDG: 8/II
 IATA: 8/- PAX: P CAO: P (C/D)
 Product controlled as a drug precursor
 Signal Word: Danger



EUH014-H314-H335
 1l-1,90kg 1kg-0,53l

SPECIFICATIONS:
 Composition:18 %

Order code	Package	Units/Box st.
152777.2411	1000 ml	4

SULPHURIC ACID SOLUTIONS

Sulphuric Acid solution 1/3 w/v VINIKIT

acid liquor for determination of sulphurous gas (SO₂) in wines
 H₂SO₄
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger



H314
 1l-1,203kg 1kg-0,831l

Composition:
 Sulphuric Acid 96%.....20 ml
 Water s.q.m100 ml

Order code	Package	Units/Box st.
621062.1209	250 ml	6
621062.1210	500 ml	6
621062.1211	1000 ml	6

S

Sulphuric Acid solution 16% v/v VINIKIT

acid solution for determination of reducing sugars in wine, according to Rebelein method (see also Rebelein's Kit)

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l~1,175kg 1kg~0,851l

Composition:

Sulphuric Acid 96%.....18 ml

Water s.q.m.....100 ml

Order code	Package	Units/Box st.
624570.1210	500 ml	6

Sulphuric Acid 1/3 mol/l (2/3N) DC

deproteinizer, Folin and Wu's method

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,02kg 1kg~0,98l

Composition:

Sulphuric Acid 96%.....1,9 ml

Water s.q.m.....100 ml

Order code	Package	Units/Box st.
251063.1210	500 ml	6

Sulphuric Acid 0,01 mol/l (0,02N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,001kg 1kg~0,999l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182102.1211	1000 ml	6

Sulphuric Acid 0,025 mol/l (0,05N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182103.1211	1000 ml	6

Sulphuric Acid 0,05 mol/l (0,1N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,002kg 1kg~0,998l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181061.1211	1000 ml	6
181061.1212	2,5 l	4
181061.1214	5 l	4
181061.1315	10 l	(*)

Sulphuric Acid 0,05 mol (4,904g H₂SO₄) to prepare 1l of 0,1N solution SVc

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303114.1920	1 ampoule	6

Sulphuric Acid 0,1 mol/l (0,2N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,005kg 1kg~0,995l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
182011.1211	1000 ml	6

Sulphuric Acid 0,1275 mol/l (0,255N) SV

for determination of raw fibre according to Weende. Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,011kg 1kg~0,989l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
183335.1211	1000 ml	6
183335.1214	5 l	4
183335.1315	10 l	(*)

Sulphuric Acid 0,13 mol/l (0,26N) RE

for determination of raw fibre according to ISO 6865:2000

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,011kg 1kg~0,989l

SPECIFICATIONS:

Concentration0,13±0,005 mol/l

Order code	Package	Units/Box st.
176191.1211	1000 ml	6
176191.1214	5 l	4

Sulphuric Acid 0,25 mol/l (0,5N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,016kg 1kg~0,984l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181060.1211	1000 ml	6
181060.1212	2,5 l	4
181060.1315	10 l	(*)

Sulphuric Acid 0,5 mol/l (1N) SV

Indicator: Methyl Red

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

1l~1,030kg 1kg~0,971l

SPECIFICATIONS:

Titer1,000 ±0,001

Order code	Package	Units/Box st.
181059.1211	1000 ml	6
181059.1212	2,5 l	4
181059.1214	5 l	4
181059.1315	10 l	(*)
181059.0716	25 l	

Sulphuric Acid 0,5 mol (49,039g H₂SO₄) to prepare 1l of 1N solution SVc

H₂SO₄:

M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

SPECIFICATIONS:

Titer1,000 ±0,002

Order code	Package	Units/Box st.
303115.1920	1 ampoule	6

Sulphuric Acid 1 mol/l (2N) SV

Indicator: Methyl Red
 H_2SO_4
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Warning

 H319-H315
 1l-1,06kg 1kg-0,94l
 SPECIFICATIONS:
 Titer1,000 ±0,001

Order code	Package	Units/Box st.
182105.1211	1000 ml 	6

Sulphuric Acid 2,5 mol/l (5N) SV

Indicator: Methyl Red
 H_2SO_4
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

 H314
 1l-1,15kg 1kg-0,87l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
182106.1211	1000 ml 	6

Sulphuric Acid 4 mol/l (8N) SV

for determination of COD according to NFT 90-101/ISO 6060:1989/UNE 77-004-02
 H_2SO_4
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

 H314 CE: 016-020-00-8
 1l-1,234kg 1kg-0,810l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
185314.1211	1000 ml 	6

Sulphuric Acid 5 mol/l (10N) SV

Indicator: Methyl Red.
 H_2SO_4
 M: 98,08 CAS: 7664-93-9 EINECS: 231-639-5 NC: 2807 00 10 UN: 2796
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813
 Signal Word: Danger

 H314
 1l-1,291kg 1kg-0,775l
 SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
186364.1211	1000 ml 	6
186364.1315	10 l 	(*)

Sulphuric Acid Diethyl Ester

(see Diethyle Sulphate)

Sulphuric Acid Dimethyl Ester

(see Dimethyl Sulphate)

Sulphuric Ether

(see Diethyl Ether)

Sulphurous Acid solution 6% PA-ACS

H_2SO_3
 M: 82,08 CAS: 7782-99-2 EINECS: 231-973-1 NC: 2811 19 80 UN: 1833
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Warning

 H332-H319-H335-H315
 1l-1,03kg 1kg-0,97l
 SPECIFICATIONS:
 Minimum assay (as SO_2) (Iodom.)..... 6,0 %
 MAXIMUM LIMIT OF IMPURITIES
 Residue on ignition..... 0,005 %
 Chloride (Cl)..... 0,0005 %
 Heavy metals (as Pb)..... 0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag	.....0,02	Fe	.....0,5	Pt	.....0,1
Al	.....0,05	Ga	.....0,05	Sb	.....0,02
As	.....0,5	Ge	.....0,02	Si	.....0,1
Au	.....0,1	Hg	.....0,1	Sn	.....0,05
B	.....0,05	In	.....0,05	Sr	.....0,02
Ba	.....0,05	K	.....0,1	Ti	.....0,05
Be	.....0,02	Li	.....0,02	Tl	.....0,02
Bi	.....0,05	Mn	.....0,02	V	.....0,02
Cd	.....0,05	Mo	.....0,02	Zn	.....0,2
Co	.....0,02	Na	.....2	Zr	.....0,05
Cr	.....0,02	Ni	.....0,02		
Cu	.....0,05	Pb	.....0,02		

Order code	Package	Units/Box st.
131064.1611	1000 ml 	6
131064.0716	25 l 	

Sulphuryl Chloride, 98% PS

Cl_2O_2S
 M: 134,97 CAS: 7791-25-5 EINECS: 232-245-6 NC: 2812 10 99 UN: 1834
 IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P
 Signal Word: Danger

  EUH014-H314-H335
 1l-1,666kg 1kg-0,600l
 SPECIFICATIONS:
 Minimum assay (Acidim.)..... 98 %
 Density at 20/4 1,664-1,668

Order code	Package	Units/Box st.
15A871.1611	1000 ml 	6

Supplements for Microbiology

(see chapter CULTIMED products)

Surfactant Determination Indicator

(see Indicator, Mixed (Dimidium Bromide-Disulphine Blue))

Sweet Almonds Oil QP

NC: 3301 90 90
 1l-0,917kg 1kg-1,091l
 SPECIFICATIONS:
 Identity..... IR p/t.
 Density at 20/4 0,914-0,920

Order code	Package	Units/Box st.
212805.1609	250 ml 	6
212805.1611	1000 ml 	6
212805.1214	5 l 	4
212805.0716	25 l 	

Tablets, wide spectrum

(see Wide spectrum Microtablets)

Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX

3MgO.4SiO₂.H₂O

M: 379,29 CAS: 14807-96-6 EINECS: 238-877-9 NC: 2526 20 00

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.
pH 7,0-9,0

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition 6,5 %
Loss on drying 1,0 %
Residual solvents (Ph.Eur./USP) p/t
Soluble matter in H₂O 0,2 %
Acidity or alkalinity p/t.
Acidity or alkalinity (according to Ph. Eur.) p/t.
Asbestos p/t.
Organic substances p/t.
Carbonate p/t.
Chloride (Cl) 0,014 %
Heavy metals (as Pb) 0,004 %
Total aerobic microbial count (TAMC) 1000 cfu/g
Total combined yeast and moulds (TYMC) 100 cfu/g
Al 2,0 %
As 0,0003 %
Ca 0,90 %
Fe 0,25 %
Mg 17,0-19,5 %
Pb 0,001 %

Order code	Package	Units/Box st.
141733.1210	500 g	6
141733.1211	1000 g	6
141733.0914	5 kg	
141733.0416	25 kg	

Talc washed (E-553b, F.C.C.) ADITIO

3MgO.4SiO₂.H₂O

M: 379,29 CAS: 14807-96-6 EINECS: 238-877-9 NC: 2526 20 00

SPECIFICATIONS:

Acid-soluble substances (as SO₄), not more than 2,5 %
Arsenic (as As), not more than 3 ppm
Free alkali (as NaOH), not more than 1 %
Lead, not more than 5 ppm
Loss on drying, not more than 0,5 %
Loss on ignition, not more than 6,0 %
Soluble salts, not more than 0,2 %
Iron soluble in acid p/t.
Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
201733.0914	5 kg	
201733.0416	25 kg	

Tannic Acid PA-ACS

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in water p/t.
Loss on drying at 105°C 12,0 %
Residue on ignition (as SO₄) 0,5 %
Sugars and Dextrin p/t.
Heavy metals (as Pb) 0,003 %
Metals by ICP [mg/Kg (ppm)]
As 3
Cu 20
Ni 20
Pb 20
Zn 50

Order code	Package	Units/Box st.
131065.1209	250 g	6

Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O p/t.
Loss on drying at 105°C 12,0 %
Residue on ignition (as SO₄) 0,1 %
Gum, dextrin, salts and sugars p/t.
Organic volatile impurities p/t.
Resinous substances p/t.
Heavy metals (as Pb) 0,004 %
As 0,0003 %
Cu 0,003 %
Ni 0,003 %
Pb 0,003 %

Order code	Package	Units/Box st.
141065.1209	250 g	6
141065.1210	500 g	6
141065.0914	5 kg	
141065.0416	25 kg	

Tannic Acid (F.C.C.) ADITIO

CAS: 1401-55-4 EINECS: 215-753-2 NC: 3201 90 90

SPECIFICATIONS:

Assay calc. a.d.s.s, not more than 96 %
Arsenic (as As), not more than 3 ppm
Gum or dextrin p/t.
Heavy metals (as Pb), not more than 0,002 %
Lead, not more than 2 ppm
Loss on drying, not more than 7,0 %
Residue on ignition, not more than 1,0 %
Resinous substances p/t.
Specifications F.C.C. 6

Order code	Package	Units/Box st.
201065.0914	5 kg	

Tannine

(see Tannic Acid)

TANTALUM SOLUTIONS

(see Standards for ICP)

TAPS

(see N-[Tris (Hydroxymethyl) Methyl] 3-Aminopropanesulphonic Acid)

TAPSO

(see 2-Hydroxy-N-[Tris (Hydroxymethyl) Methyl] 3-Aminopropanesulphonic Acid)

D(-)-Tartaric Acid, 99% PS

CO₂HCH(OH)CH(OH)CO₂H

M: 150,08 CAS: 147-71-7 EINECS: 205-695-6 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A239.1606	25 g	6
15A239.1608	100 g	6

L(+)-Tartaric Acid PA-ACS

(CHOH)₂(COOH)₂

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Minimum assay (Acidim.) 99,5 %
Identity IR p/t.
Specific rotation [α]_D²⁰ c=10 (in H₂O) +12,0 to +13,0°

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Loss on drying at 105°C 0,5 %
Residue on ignition (as SO₄) 0,01 %
Chloride (Cl) 0,0005 %
Phosphate (PO₄) 0,001 %
Oxalate (C₂O₄) 0,03 %
Sulphur compounds (as SO₄) 0,002 %
Heavy metals (as Pb) 0,0005 %
As 0,00002 %
Ca 0,002 %
Cu 0,0005 %
Fe 0,0005 %
Mg 0,002 %
Ni 0,0005 %
Pb 0,0005 %

Order code	Package	Units/Box st.
131066.1210	500 g	6
131066.1211	1000 g	6
131066.1214	5 kg	4
131066.0416	25 kg	

L(+)-Tartaric Acid PRS

(CHOH)₂(COOH)₂

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....	99,5 %
Specific rotation $[\alpha]^{20}_D$ c=20 (in H ₂ O)	+12,0 to +12,8°
Insoluble matter in H ₂ O.....	0,005 %
Loss on drying at 105°C.....	0,2 %
Residue on ignition (as SO ₃)	0,1 %
Chloride (Cl).....	0,003 %
Phosphate (PO ₄)	0,005 %
Sulphate (SO ₄)	0,015 %
As	0,0001 %
Ca	0,02 %
Cu	0,001 %
Fe	0,001 %
Mg	0,02 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
141066.1210	500 g	6
141066.1211	1000 g	6
141066.1214	5 kg	4
141066.0416	25 kg	

L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.)

CODEX

(CHOH)₂(COOH)₂

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

Assay (Acidim.) calc. a.d.s.....	99,7-100,5%
Identity according to Pharmacopoeias	p/t.
Specific rotation $[\alpha]^{20}_D$ c=20 (in H ₂ O)	+12,0 to +12,8°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Loss on drying at 105°C.....	0,2 %
Residue on ignition (as SO ₃)	0,1 %
Residual solvents (Ph.Eur./USP).....	p/t.
Chloride (Cl).....	0,01 %
Oxalate (C ₂ O ₄).....	0,03 %
Oxalate (USP)	p/t.
Sulphate (SO ₄)	0,015 %
Sulphate (USP)	p/t.
Heavy metals (as Pb).....	0,001 %
Ca	0,02 %

Order code	Package	Units/Box st.
191066.1214	5 kg	4
191066.0416	25 kg	

L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO

(CHOH)₂(COOH)₂

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (as C ₄ H ₆ O ₆) after drying	99,7-100,5%
Loss on drying, not more than	0,5 %
Melting range.....	168-170°C
Oxalate (as Oxalic Ac.) a.d.s., not more than	0,01 %
Residue on ignition, not more than	0,05 %
Specific rotation $[\alpha]^{20}_D$	+12,0 to +13,0°
Sulphate	p/t.
Lead, not more than	2 ppm
Heavy metals (as Pb), not more than	10 ppm
Mercury (Hg), not more than	1 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
201066.1214	5 kg	4
201066.0416	25 kg	

L(+)-Tartaric Acid QP

(CHOH)₂(COOH)₂

M: 150,09 CAS: 87-69-4 EINECS: 201-766-0 NC: 2918 12 00

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.)	99 %
-----------------------	------

Order code	Package	Units/Box st.
211066.1214	5 kg	4

L(+)-Tartaric Acid Diethyl Ester

(see Diethyl L(+)-Tartrate)

Tartrazine (C.I. 19140) DC

for microscopy, cellular body inclusion

C₁₆H₈N₄Na₃O₅S₂

M: 534,37 CAS: 1934-21-0 EINECS: 217-699-5 NC: 3212 90 90

SPECIFICATIONS:

Identity.....	IR p/t.
λ of max. ABS in H ₂ O	421-427 nm
A 1%, 1 cm, λmax.....	>400
Ratio λmax P ± 15 nm.....	0,96-1,05
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C.....	15 %
------------------------------	------

Order code	Package	Units/Box st.
251734.1606	25 g	6
251734.1608	100 g	6

Tartrazine solution 0,5 % w/v RE

for Specified Risk Material staining

C₁₆H₈N₄Na₃O₅S₂

M: 534,37 CAS: 1934-21-0 EINECS: 217-699-5 NC: 3822 00 00

1l-1,005kg 1kg-0,995l

Composition:

Tartrazine (C.I. 19140).....	0,5 g
Water s.q.m.	100 ml

Order code	Package	Units/Box st.
175631.1214	5 l	4

Taurine, 99% PS

H₂NCH₂CH₂SO₃H

M: 125,14 CAS: 107-35-7 EINECS: 203-483-8 NC: 2921 19 80

SPECIFICATIONS:

Assay	99 %
Identity.....	IR p/t.

Order code	Package	Units/Box st.
15B871.1208	100 g	6
15B871.1210	500 g	6

TBAB

(see Tetrabutylammonium Bromide)

TBAH

(see Tetrabutylammonium Hydroxide)

TBHP

(see tert-Butyl Hydroperoxide)

TCA

(see Trichloroacetic Acid)

TEA

(see Triethanolamine)

TELLURIUM SOLUTIONS

(see Standards for ICP)

TERBIUM SOLUTIONS

(see Standards for ICP)

γ-Terpinene, 95% PS

C₁₀H₁₆

M: 136,24 CAS: 99-85-4 EINECS: 202-794-6 NC: 2902 19 10 UN: 2319

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H319-H335-H315

1l-0,844kg 1kg-1,184l

SPECIFICATIONS:

Minimum assay (G.C.)	95 %
Identity.....	IR p/t.
Density at 20/4	0,845-0,850

Order code	Package	Units/Box st.
15A582.1611	1000 ml	6
15A582.0314	5 l	4

α-Terpineol, 70% PS

C₁₀H₁₈O

M: 154,25 CAS: 98-55-5 EINECS: 202-680-6 NC: 2906 19 00

1l-0,933kg 1kg-1,072l

SPECIFICATIONS:

Assay (as α-Terpineol) (G.C.)	70 %
Assay (as C ₁₀ H ₁₈ O) (G.C.)	97 %
Refractive index.....	1,4800-1,4855
Density at 20/4	0,931-0,935

Order code	Package	Units/Box st.
15A585.1609	250 ml	6
15A585.1611	1000 ml	6

TES

(see N-[Tris (Hydroxymethyl) Methyl] 2-Aminoethanesulphonic Acid)

3,3',5,5'-Tetrabromo m-Cresolsulphonphthalein

(see Bromocresol Green)

1,1,2,2-Tetrabromoethane PRS

Br₂CHCHBr₂

M: 345,67 CAS: 79-27-6 EINECS: 201-191-5 NC: 2903 39 19 UN: 2504

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H330-H319-H412

1l~2,950kg 1kg~0,339l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t

Density at 20/4 2,935-2,966

Water (H₂O) 0,05 %

Order code Package Units/Box st.

141735.1611 1000 g 6

141735.1614 5 kg 4

1,1,2,2-Tetrabromoethane, 98,5% PS

Br₂CHCHBr₂

M: 345,67 CAS: 79-27-6 EINECS: 201-191-5 NC: 2903 39 19 UN: 2504

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Danger



H330-H319-H412

1l~2,950kg 1kg~0,339l

SPECIFICATIONS:

Minimum assay (G.C.) 98,5 %

Identity IR p/t

Density at 20/4 2,935-2,966

Water (H₂O) 0,05 %

Order code Package Units/Box st.

151735.1609 250 g 6

151735.1611 1000 g 6

3',3'',5',5''-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA

pH indicator in non aqueous medium 3,0 yellow 4,2 blue

C₂₂H₁₈Br₄KO₄

M: 700,08 CAS: 62637-91-6 EINECS: 263-661-6 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t

λ of max. ABS in CH₃OH 596-600 nm

A 1%, 1cm, λmax >300

T.L.C p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 5 %

Cu 0,005 %

Pb 0,005 %

Order code Package Units/Box st.

123605.1603 1 g 6

Tetrabutylammonium Borohydride, 97% PS

C₁₆H₃₄BN

M: 257,31 CAS: 33725-74-5 EINECS: 251-658-2 NC: 2942 00 00 UN: 2813

IMDG: 4.3/II ADR: 4.3/II IATA: 4.3/II PAX: 415 CAO: 417

Signal Word: Danger



H261-H314

SPECIFICATIONS:

Minimum assay 97 %

Order code Package Units/Box st.

15A474.1607 50 g 6

Tetrabutylammonium Bromide, 98% PS

C₁₆H₃₄BrN

M: 322,37 CAS: 1643-19-2 EINECS: 216-699-2 NC: 2923 90 00

SPECIFICATIONS:

Minimum assay (Arg.) 98 %

Identity IR p/t

Melting range 100-103°C

Order code Package Units/Box st.

15A874.1608 100 g 6

15A874.1610 500 g 6

Tetrabutylammonium Hexafluorophosphate, 98% PS

(CH₃CH₂CH₂CH₂)₄N(PF₆)

M: 387,43 CAS: 3109-63-5 EINECS: 221-472-6 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Identity IR p/t

Melting range 224-226 °C

Order code Package Units/Box st.

15A875.1206 25 g 6

Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI

for ion pair chromatography

C₁₆H₃₇NO₂S

M: 339,54 CAS: 32503-27-8 EINECS: 251-068-5 NC: 2923 90 00

SPECIFICATIONS:

Minimum assay (Acidim.) 99 %

Identity IR p/t

UV Spectrum (aqueous sol. 0,005M)

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	220
A (AU)	0,15	0,05
T (%)	70,8	89,13

Order code Package Units/Box st.

363622.1605 10 g 6

363622.1606 25 g 6

Tetrabutylammonium Hydrogen Sulphate, 98% PS

C₁₆H₃₇NO₂S

M: 339,54 CAS: 32503-27-8 EINECS: 251-068-5 NC: 2923 90 00

SPECIFICATIONS:

Minimum assay 98 %

Identity IR p/t

Melting range 169-172 °C

Order code Package Units/Box st.

153622.1208 100 g 6

153622.1210 500 g 6

TETRABUTYLAMMONIUM HYDROXIDE SOLUTIONS

Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS

C₁₆H₃₇NO

M: 259,48 CAS: 2052-49-5 EINECS: 218-147-6 NC: 2923 90 00 UN: 2922

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314-H301

1l~0,99kg 1kg~1,01l

SPECIFICATIONS:

Minimum assay (Acidim.) (w/w) 20 %

Density at 20/4 0,989-0,994

Order code Package Units/Box st.

15A876.1209 250 ml 6

Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV

C₁₆H₃₇NO

M: 259,48 CAS: 2052-49-5 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H331-H301-H319-H336

1l~0,793kg 1kg~1,261l

SPECIFICATIONS:

Titer 1,000 ±0,001

Bottled with nitrogen.

Order code Package Units/Box st.

183669.1610 500 ml 6

Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV

C₁₆H₃₇NO
 M: 259,48 CAS: 2052-49-5 EINECS: 218-147-6 NC: 3822 00 00 UN: 1992
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H332-H312-H302-H370

SPECIFICATIONS:
 Titer1,000±0,001

Order code	Package	Units/Box st.
185225.1610	500 ml	6

Tetrabutylammonium Iodide, 98% PS

C₁₆H₃₅I
 M: 369,38 CAS: 311-28-4 EINECS: 206-220-5 NC: 2923 90 00
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:
 Minimum assay98 %

Order code	Package	Units/Box st.
15A235.1606	25 g	6
15A235.1608	100 g	6
15A235.1610	500 g	6

Tetrachloroauric Acid(III) 3-hydrate PA-ACS

H(AuCl₄)₃H₂O
 M: 393,83 CAS: 16961-25-4 EINECS: 240-948-4 NC: 2843 30 00 UN: 3260
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314-H317

SPECIFICATIONS:
 Minimum assay (Au)49,0 %

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in C₂H₅OC₂H₅0,1 %
 Alkalis and other salts (as SO₄)0,2 %

Order code	Package	Units/Box st.
134432.1503	1 g	6

1,1,2,2-Tetrachloroethane, 98% PS

CHCl₂CHCl₂
 M: 167,84 CAS: 79-34-5 EINECS: 201-197-8 NC: 2903 19 80 UN: 1702
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
 Signal Word: Danger



H330-H310-H411

1l-1,594kg 1kg-0,627l

SPECIFICATIONS:
 Minimum assay (G.C.)98 %
 IdentityIR p/t
 Density at 20/41,594-1,596
 Water (H₂O)0,05 %

Order code	Package	Units/Box st.
164446.1609	250 ml	6
164446.1611	1000 ml	6

1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI

CDCl₂CDCl₂
 M: 169,86 CAS: 33685-54-0 EINECS: 251-634-1 NC: 2845 90 10 UN: 1702
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 610 CAO: 612
 Signal Word: Danger



H330-H310-H411

1l-1,62kg 1kg-0,62l

SPECIFICATIONS:
 Deuteration degree min99,5 %
 NMR suitabilityp/t

MAXIMUM LIMIT OF IMPURITIES
 Water (H₂O+D₂O)0,03 %

Order code	Package	Units/Box st.
745866.02130	10 x 0,75 ml	6
745866.1605	10 ml	6

1,1,2,2-Tetrachloroethane-Phenol

(see Phenol-1,1,2,2-Tetrachloroethane)

Tetrachloroethylene (UV-IR-HPLC-GPC) PAI

Cl₂CCl₂C
 M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
 Signal Word: Warning



H351-H411

1l-1,622kg 1kg-0,617l
 SPECIFICATIONS:
 Minimum assay (G.C.)99,9 %
 Density at 20/41,620-1,624

MAXIMUM LIMIT OF IMPURITIES
 APHA colour10
 Non volatile matter0,0005 %
 Acidity0,0005 meq/g
 Alkalinity0,0004 meq/g
 Water (H₂O)0,01 %
 Suitability for IR spectrometryp/t
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	290 (Cut off)	295	300	305	350	400-500
A (AU)	1,000	0,301	0,097	0,071	0,051	0,027
T (%)	10	50	80	85	89	94

Fluorescence (as quinine):

λ (nm)	365
ppb	2

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361455.1611	1000 ml	6

Tetrachloroethylene PRS

Cl₂CCl₂C
 M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
 Signal Word: Warning



H351-H411

1l-1,622kg 1kg-0,617l
 SPECIFICATIONS:
 Assay (G.C.)99 %
 IdentityIR p/t
 Density at 20/41,620-1,624
 Non-volatile matter0,005 %
 Trichloromethane (G.C.)0,05 %
 Trichloroethylene (G.C.)0,1 %
 Acidity0,002 meq/g
 Alkalinity0,002 meq/g
 Water (H₂O)0,1 %
 Chloride (Cl)0,001 %
 Cu0,00002 %
 Fe0,00005 %
 Ni0,00002 %
 Pb0,00002 %

Order code	Package	Units/Box st.
141455.1611	1000 ml	6
141455.1612	2,5 l	4
141455.1714	5 l	4
141455.0616	25 l	

Tetrachloroethylene, 99,5% PS

Cl₂CCl₂C
 M: 165,83 CAS: 127-18-4 EINECS: 204-825-9 NC: 2903 23 00 UN: 1897
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
 Signal Word: Warning



H351-H411

1l-1,622kg 1kg-0,617l
 SPECIFICATIONS:
 Minimum assay (G.C.)99,5 %
 IdentityIR p/t
 Density at 20/41,620-1,624
 Non-volatile matter0,005 %
 Acidity (as HCl)0,005 %
 Water (H₂O)0,02 %

Order code	Package	Units/Box st.
161455.1611	1000 ml	6
161455.1612	2,5 l	4
161455.1714	5 l	4
161455.0616	25 l	

Tetrachloromethane

(see Carbon Tetrachloride)

Tetradecanoic Acid

(see Myristic Acid)

Tetradecanoic Acid Methyl Ester

(see Methyl Myristate)

Tetraethylammonium Bromide, 99% PS

C₈H₂₀BrN

M: 210,16 CAS: 71-91-0 EINECS: 200-769-4 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
15A206.1607	50 g	6
15A206.1609	250 g	6

Tetraethylrhodamine

(see Rhodamine B)

Tetrafluoroboric Acid 35% PA

HBF₄

M: 87,81 CAS: 16872-11-0 EINECS: 240-898-3 NC: 2811 19 80 UN: 1775

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314

1l-1,26kg 1kg-0,79l

SPECIFICATIONS:

Minimum assay (Acidim.) 35,0 %

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0,01 %
Free Hydrofluoric Acid (HF)	0,02 %
Chloride (Cl)	0,001 %
Sulphate (SO ₄)	0,005 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %

Order code	Package	Units/Box st.
121027.1211	1000 ml	6
121027.0716	25 l	6

1,2,3,4-Tetrahydrobenzene

(see Cyclohexene)

Tetrahydrofuran (UV-IR-HPLC-GPC) PAI

C₄H₈O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l-0,890kg 1kg-1,124l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Density at 20/4 0,888-0,892

MAXIMUM LIMIT OF IMPURITIES

APHA colour	10
Non volatile matter	0,0002 %
Peroxides (as H ₂ O ₂)	0,02 %*
Acidity	0,0002 meq/g
Alkalinity	0,0002 meq/g
Water (H ₂ O)	0,02 %
Suitability for IR spectrometry	p/t
UV Spectrum (1 cm cell; Ref.: water)	

λ (nm)	215 (Cut off)	240	245	260	265	275	310-450
A (AU)	1,000	0,523	0,301	0,155	0,097	0,046	0,004
T (%)	10	30	50	70	80	90	99

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Data of interest in HPLC:

Rohrschneider Polarity 4,0

Eluotropic value E^o(Al₂O₃) 0,57

Sol. H₂O in solv. at 20°C miscible

For critical jobs, purge with nitrogen.

*At the moment of the batch analysis

Order code	Package	Units/Box st.
361736.1611	1000 ml	6
361736.1612	2,5 l	4

Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS

C₄H₈O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l-0,890kg 1kg-1,124l

SPECIFICATIONS:

Minimum assay (G.C.) 99,7 %

Identity IR p/t

Density at 20/4 0,888-0,892

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20

Non-volatile matter 0,03 %

Acetone (G.C.) 0,05 %

1-Butanol (G.C.) 0,05 %

1-Propanol (G.C.) 0,05 %

2-Propanol (G.C.) 0,05 %

Peroxides (as H₂O₂) 0,015 %*

Acidity 0,0005 meq/g

Water (H₂O) 0,0075 %

*At the moment of the batch analysis

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

Order code	Package	Units/Box st.
483537.1611	1000 ml	6

Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS

C₄H₈O

M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-EUH019-H319-H335

1l-0,890kg 1kg-1,124l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity IR p/t

MAXIMUM LIMIT OF IMPURITIES

APHA colour 20

Non-volatile matter 0,03 %

Acetone (G.C.) 0,05 %

1-Butanol (G.C.) 0,05 %

1-Propanol (G.C.) 0,05 %

2-Propanol (G.C.) 0,05 %

Peroxides (as H₂O₂) 0,015 %*

Acidity 0,0005 meq/g

Water (H₂O) 0,05 %

Metals by ICP [mg/Kg (ppm)]

Ag	0,05	Fe	0,1	Pb	0,1
Al	0,5	Ga	0,02	Pt	0,02
As	0,05	Ge	0,05	S	0,2
Au	0,05	Hg	0,05	Sb	0,02
B	0,02	In	0,05	Si	0,2
Ba	0,1	K	0,1	Sn	0,1
Be	0,02	Li	0,05	Sr	0,2
Bi	0,05	Mg	0,1	Ti	0,02
Ca	0,5	Mn	0,02	Tl	0,02
Cd	0,05	Mo	0,02	V	0,02
Co	0,02	Na	0,5	Zn	0,1
Cr	0,02	Ni	0,02	Zr	0,02
Cu	0,02	P	0,2		

*At the moment of the batch analysis

Order code	Package	Units/Box st.
133537.1611	1000 ml	6
133537.1612	2,5 l	4
133537.0314	5 l	4
133537.0316	25 l	4

Tetrahydrofuran stabilized with ~300 ppm of BHT PRS

C₄H₈O
 M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l
 SPECIFICATIONS:
 Assay (G.C.)..... 99,5 %
 Identity..... IR p/t.
 Non-volatile matter..... 0,05 %
 Water (H₂O)..... 0,2 %
 Cu..... 0,00002 %
 Fe..... 0,00005 %
 Ni..... 0,00002 %
 Pb..... 0,00002 %

Order code	Package	Units/Box st.
143537.1611	1000 ml 	6
143537.1612	2,5 l 	4
143537.0314	5 l 	4
143537.0616	25 l 	

Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS

C₄H₈O
 M: 72,11 CAS: 109-99-9 EINECS: 203-726-8 NC: 2932 11 00 UN: 2056
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-EUH019-H319-H335

1l~0,890kg 1kg~1,124l
 SPECIFICATIONS:
 Minimum assay (G.C.)..... 99,5 %
 Identity..... IR p/t.
 Non-volatile matter..... 0,03 %
 Peroxides (as H₂O₂)..... 0,05 %*
 Water (H₂O)..... 0,03 %
 *At the moment of the batch analysis

Order code	Package	Units/Box st.
163537.1611	1000 ml 	6
163537.1612	2,5 l 	4
163537.1714	5 l 	4
163537.0616	25 l 	

Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI

C₄D₈O
 M: 80,16 CAS: 1693-74-9 EINECS: 216-898-4 NC: 2845 90 10 UN: 2056
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

  H225-EUH019-H319-H335

1l~0,99kg 1kg~1,01l
 SPECIFICATIONS:
 Deuteration degree min..... 99,5 %
 NMR suitability..... p/t.
 MAXIMUM LIMIT OF IMPURITIES
 Water (H₂O+D₂O)..... 0,05 %

Order code	Package	Units/Box st.
745867.02130	10 x 0,75 ml 	6
745867.1605	10 ml 	6

1,2,3,4-Tetrahydronaphthalene, 98% PS

C₁₀H₁₂
 M: 132,21 CAS: 119-64-2 EINECS: 204-340-2 NC: 2902 90 90 UN: 3082
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 914 CAO: 914
 Signal Word: Warning

  H319-H315-H411-EUH019

1l~0,968kg 1kg~1,033l
 SPECIFICATIONS:
 Minimum assay (G.C.)..... 98 %
 Identity..... IR p/t.
 Density at 20/4..... 0,967-0,969

Order code	Package	Units/Box st.
15A587.1611	1000 ml 	6

Tetrahydro-1,4-Oxazine

(see Morpholine)

Tetrahydropyrrrol

(see Pyrrolidine)

(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Tetralin

(see 1,2,3,4-Tetrahydronaphthalene)

Tetramethylammonium Chloride, 98% PS

C₄H₁₂CIN
 M: 109,60 CAS: 75-57-0 EINECS: 200-880-8 NC: 2923 90 00 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger

  H411-H301

SPECIFICATIONS:
 Minimum assay..... 98 %

Order code	Package	Units/Box st.
15B060.1608	100 g 	6

3,3',5,5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA

C₁₆H₂₀N₂
 M: 240,35 CAS: 54827-17-7 EINECS: 259-364-6 NC: 2921 59 90
 SPECIFICATIONS:
 Minimum assay (Perchl. Ac.)..... 96,0 %
 Identity..... IR p/t.
 Melting range..... 166-170°C

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in CH₃COOH..... p/t.
 Loss on drying at 120°C..... 0,5 %
 Residue on ignition (as SO₂)..... 0,1 %
 Chloride (Cl)..... 0,05 %
 Sulphate (SO₄)..... 0,02 %
 Cu..... 0,001 %
 Fe..... 0,001 %
 Ni..... 0,001 %
 Pb..... 0,001 %

Order code	Package	Units/Box st.
121080.1603	1 g 	6

1,1,3,3-Tetramethyldisiloxane, 97% PS

C₈H₂₀OSi₂
 M: 134,33 CAS: 3277-26-7 EINECS: 221-906-4 NC: 2931 00 95 UN: 1993
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

 H225

1l~0,758kg 1kg~1,319l
 SPECIFICATIONS:
 Minimum assay (G.C.)..... 97 %
 Density at 20/4..... 0,757-0,759

Order code	Package	Units/Box st.
15A586.1606	25 ml 	6
15A586.1608	100 ml 	6

Tetramethylene Chlorobromide

(see 1-Bromo-4-Chlorobutane)

Tetramethyleneglycol

(see 1,4-Butanediol)

Tetramethylsilane (NMR) PAI

calibration standard for NMR-spectroscopy
 (CH₃)₄Si
 M: 88,23 CAS: 75-76-3 EINECS: 200-899-1 NC: 2931 00 95 UN: 2749
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: P CAO: 304
 Signal Word: Danger

 H224

1l~0,64kg 1kg~1,56l
 SPECIFICATIONS:
 Minimum assay (G.C.)..... 99,8 %
 NMR suitability..... p/t.

Order code	Package	Units/Box st.
745335.1607	50 ml 	6
745335.1608	100 ml 	6

1,1,3,3-Tetramethylurea, 99% PS

[(CH3)4N]2CO

M: 116,16 CAS: 632-22-4 EINECS: 211-173-9 NC: 2924 19 00

Signal Word: Danger



H360-H302

1l~0,969kg 1kg~1,032l

SPECIFICATIONS:

Assay (G.C.)..... 99 %
Identity..... IR p/t.

Order code Package Units/Box st.

15C357.1604	5 ml		6
15C357.1608	100 ml		6

Tetraoctylammonium Bromide, 98% PS

C8H18BrN

M: 546,81 CAS: 14866-33-2 EINECS: 238-936-9 NC: 2923 90 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay 98 %

Order code Package Units/Box st.

15A211.1604	5 g		6
15A211.1606	25 g		6

TFA

(see Trifluoroacetic Acid)

TFAA

(see Trifluoroacetic Anhydride)

THALLIUM SOLUTIONS

(see Standards for ICP)

THAM

(see Tris (Hydroxymethyl) Aminomethane)

THF

(see Tetrahydrofuran)

Thimerosal

(see 2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt)

Thioacetamide (Reag. Ph. Eur.) PA-ACS

C2H5NS

M: 75,13 CAS: 62-55-5 EINECS: 200-541-4 NC: 2930 90 85

Signal Word: Danger



H350-H302-H319-H315-H412

SPECIFICATIONS:

Minimum assay (Arg.)..... 99,0 %
Identity..... IR p/t.
Melting range..... 111-114°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... p/t.
Residue on ignition (as SO₂)..... 0,05 %
Heavy metals (as Pb)..... 0,001 %
Ca..... 0,002 %
Cd..... 0,0005 %
Co..... 0,0005 %
Cr..... 0,0005 %
Cu..... 0,0005 %
Fe..... 0,0005 %
K..... 0,005 %
Mg..... 0,0005 %
Na..... 0,01 %
Ni..... 0,0005 %
Pb..... 0,0005 %
Zn..... 0,0005 %

Order code Package Units/Box st.

134887.1607	50 g		6
134887.1609	250 g		6
134887.1611	1000 g		6

Thioacetamide, 98% PS

C2H5NS

M: 75,13 CAS: 62-55-5 EINECS: 200-541-4 NC: 2930 90 85

Signal Word: Danger



H350-H302-H319-H315-H412

SPECIFICATIONS:

Minimum assay (Arg.)..... 98 %
Identity..... IR p/t.
Melting range..... 111-114°C

Order code Package Units/Box st.

164887.1608	100 g		6
164887.1610	500 g		6
164887.1611	1000 g		6

Thiocarbamide

(see Thiourea)

Thiocarbanilide

(see 1,3-Diphenylthiourea)

3,3'-Thiodipropionic Acid, 99% PS

C6H10O4S

M: 178,21 CAS: 111-17-1 EINECS: 203-841-3 NC: 2930 90 85

Signal Word: Warning



H319

SPECIFICATIONS:

Assay (Acidim.)..... 99 %
Identity..... IR p/t.

Order code Package Units/Box st.

15C392.1208	100 g		6
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Thioglycollic Acid 80% PRS

HSCH2COOH

M: 92,12 CAS: 68-11-1 EINECS: 200-677-4 NC: 2930 90 85 UN: 1940

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H331-H311-H301-H314

1l~1,265kg 1kg~0,791l

SPECIFICATIONS:

Assay (Iodom.)..... 79-82 %
Density at 20/4 1,26-1,28
Residue on ignition (as SO₂) 0,01 %
Sensitivity to Fe p/t.
Cu 0,0005 %
Fe 0,0005 %
Ni 0,0005 %
Pb 0,0005 %

Order code Package Units/Box st.

142041.1610	500 ml		6
142041.1611	1000 ml		6
142041.1214	5 l		4

Thionin (C.I. 52000) DC

for microscopy, nucleus and mucosae staining

C12H10ClN3S

M: 263,75 CAS: 581-64-6 EINECS: 209-470-3 NC: 3212 90 90

SPECIFICATIONS:

Identity..... IR p/t.
λ of max. ABS in CH₃COOH 0,03 mol/l..... 597-600 nm
A 1%; 1 cm; λmax..... >1500
Ratio λmax. P±15 nm..... 1,15-1,57
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C..... 10 %

Order code Package Units/Box st.

251742.1604	5 g		6
251742.1606	25 g		6

Thionyl Chloride, 99% PS

Cl2OS

M: 118,97 CAS: 7719-09-7 EINECS: 231-748-8 NC: 2812 10 95 UN: 1836

IMDG: 8/I ADR: 8/I IATA: 8/- PAX: P CAO: P

Signal Word: Danger



EUH014-H332-H302-EUH029-H314

1l~1,639kg 1kg~0,610l

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99 %
Density at 20/4 1,637-1,640

Order code Package Units/Box st.

15A879.1611	1000 ml		6
15A879.1612	2,5 l		4
15A879.2216	25 l		6

Thiosemicarbazide PA

$\text{NH}_2\text{CSNHNH}_2$

M: 91,14 CAS: 79-19-6 EINECS: 201-184-7 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H300

SPECIFICATIONS:

Minimum assay (Iodom.) 99,0 %
 Melting range 178-181°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O 0,01 %
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO_4) 0,03 %
 Chloride (Cl) 0,01 %
 Sulphate (SO_4) 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
122366.1207	50 g	6

Thiosemicarbazide, 98% PS

$\text{NH}_2\text{CSNHNH}_2$

M: 91,14 CAS: 79-19-6 EINECS: 201-184-7 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H300

SPECIFICATIONS:

Assay (Iodom.) 98 %
 Identity IR p/t.
 Melting range 177-181°C

Order code	Package	Units/Box st.
152366.1208	100 g	6
152366.1210	500 g	6

Thiosinamine

(see N-Allylthiourea)

Thiourea (Reag. Ph. Eur.) PA-ACS

$\text{SC}(\text{NH}_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Minimum assay a.d.s. 99,0 %
 Identity IR p/t.
 Melting range 174-177°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H_2O p/t.
 Loss on drying at 105°C 0,5 %
 Residue on ignition (as SO_4) 0,1 %
 Sensitivity to Bi p/t.
 Sulphate (SO_4) 0,01 %
 Cd 0,0005 %
 Co 0,0005 %
 Cr 0,0005 %
 Cu 0,0005 %
 Fe 0,0005 %
 K 0,005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,0005 %
 Pb 0,0005 %
 Zn 0,0005 %

Order code	Package	Units/Box st.
131743.1210	500 g	6
131743.1211	1000 g	6
131743.0914	5 kg	
131743.0416	25 kg	

Thiourea PRS

$\text{SC}(\text{NH}_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Assay (Iodom.) a.d.s. 98 %
 Identity IR p/t.
 Melting range 174-179°C
 Residue on ignition (as SO_4) 0,3 %
 Sulphate (SO_4) 0,05 %
 Cu 0,002 %
 Fe 0,002 %
 Ni 0,002 %
 Pb 0,002 %

Order code	Package	Units/Box st.
141743.1210	500 g	6
141743.1211	1000 g	6
141743.0914	5 kg	
141743.0416	25 kg	

Thiourea, 98% PS

$\text{SC}(\text{NH}_2)_2$

M: 76,12 CAS: 62-56-6 EINECS: 200-543-5 NC: 2930 90 85 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H351-H411-H361d

SPECIFICATIONS:

Assay (Iodom.) a.d.s. 98 %
 Identity IR p/t.
 Melting range 174-179°C

Order code	Package	Units/Box st.
151743.1210	500 g	6
151743.1211	1000 g	6

Thorin 8-hydrate PA

$\text{C}_{10}\text{H}_{11}\text{AsN}_2\text{Na}_2\text{O}_{10}\text{S}_2 \cdot 8\text{H}_2\text{O}$

M: 720,42 CAS: 3688-92-4 EINECS: 205-058-2 NC: 2931 00 95 UN: 3465
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615

Signal Word: Danger



H331-H301-H410

SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in H_2O 481-484 nm
 A 1%, 1 cm, λ max >200

MAXIMUM LIMIT OF IMPURITIES

Water (H_2O) 17-23 %
 Suitability for sulphates determination p/t.

Order code	Package	Units/Box st.
123647.1604	5 g	6

THORIUM SOLUTIONS

(see Standards for ICP)

L-Threonine, 99% PS

$\text{C}_4\text{H}_9\text{NO}_3$

M: 119,12 CAS: 72-19-5 EINECS: 200-774-1 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
152879.1606	25 g	6
152879.1608	100 g	6

THULLIUM SOLUTIONS

(see Standards for ICP)

Thymine

(see 2-Deoxy-D-Ribose)

Thymol (Reag. USP, Ph. Eur.) PA

C₁₀H₁₄O

M: 150,22 CAS: 89-83-8 EINECS: 201-944-8 NC: 2907 19 90 UN: 3261
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H411

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
Identity IR p/t.
Melting range 48-51°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.
Insoluble matter in C₂H₅OC₂H₅ p/t.
Non-volatile matter 0,03 %
Phenol p/t.

Order code	Package	Units/Box st.
121738.1208	100 g	6

Thymol PRS

C₁₀H₁₄O

M: 150,22 CAS: 89-83-8 EINECS: 201-944-8 NC: 2907 19 90 UN: 3261
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H411

SPECIFICATIONS:

Assay (G.C.) 99,0 %
Identity IR p/t.
Melting range 48-51°C
Insoluble matter in NaOH 2 mol/l p/t.
Acidity p/t.
Non-volatile matter 0,05 %

Order code	Package	Units/Box st.
141738.1208	100 g	6
141738.1210	500 g	6

Thymol Blue PA-ACS

pH indicator and for titrations in a non aqueous medium 1,2 pink- 2,8 yellow;
8,0 yellow- 9,2 blue

C₂₇H₃₀O₅S

M: 466,60 CAS: 76-61-9 EINECS: 200-973-3 NC: 2932 99 85

SPECIFICATIONS:

Identity IR p/t.
T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
pink 1,2
yellow 2,8
yellow 8,0
blue 9,2
Transition interval according to ACS p/t.
Insoluble matter in C₂H₅OH p/t.
Loss on drying at 135°C 10 %
Residue on ignition (as SO₂) 0,5 %

Order code	Package	Units/Box st.
131173.1604	5 g	6
131173.1606	25 g	6

Thymol Blue solution 0,04% RV

pH indicator 1,2 red-2,8 yellow; 8,0 yellow-9,2 blue

C₂₇H₃₀O₅S

M: 466,60 CAS: 76-61-9 NC: 3822 00 00

1l-0,976kg 1kg~1,025l

Composition:

Thymol Blue 40 mg
Sodium Hydroxide 0,1 mol/l 0,86 ml
Ethanol absolute 17 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281175.1208	100 ml	6

Thymolphthalein PA-ACS

pH indicator 9,3 colourless; 10,5 blue

C₂₈H₃₀O₄

M: 430,55 CAS: 125-20-2 EINECS: 204-729-7 NC: 2932 29 85

SPECIFICATIONS:

Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

pH transition interval:
colourless 9,3
blue 10,5
Transition interval according to ACS p/t.
Insoluble matter in C₂H₅OH p/t.

Order code	Package	Units/Box st.
131739.1604	5 g	6
131739.1606	25 g	6
131739.1607	50 g	6

Thymolphthalein solution 0,1% RV

pH indicator 9,3 colourless; 10,5 blue

C₂₈H₃₀O₄

M: 430,55 CAS: 125-20-2 NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

1l-0,900kg 1kg~1,111l

Composition:

Thymolphthalein 0,1 g
Ethanol absolute 60 ml
Water s.q.m 100 ml

Order code	Package	Units/Box st.
281740.1208	100 ml	6

Tin metal, powder PRS

Sn

M: 118,69 CAS: 7440-31-5 EINECS: 231-141-8 NC: 8007 00 90

SPECIFICATIONS:

Assay 99 %
Pb 0,07 %

Order code	Package	Units/Box st.
142742.1209	250 g	6
142742.1211	1000 g	6

TIN SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS

SnCl₂·2H₂O

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,005 %
Sulphate (SO₄) 0,002 %
Ammonium (NH₄) 0,002 %
As 0,0001 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Fe 0,003 %
Hg 0,000005 %
K 0,005 %
Mg 0,005 %
Na 0,01 %
Ni 0,0005 %
Pb 0,01 %

Order code	Package	Units/Box st.
471303.1609	250 g	6

Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS

SnCl₂·2H₂O

M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10

Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.) 98,0-103,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,005 %
Sulphate (SO₄) 0,002 %
Ammonium (NH₄) 0,002 %
As 0,0001 %
Ca 0,005 %
Cd 0,0005 %
Co 0,0005 %
Fe 0,003 %
K 0,005 %
Mg 0,005 %
Na 0,01 %
Ni 0,0005 %
Pb 0,01 %

Order code	Package	Units/Box st.
131303.1608	100 g	6
131303.1609	250 g	6
131303.1611	1000 g	6
131303.1214	5 kg	4
131303.0416	25 kg	

Tin(II) Chloride 2-hydrate PRS

SnCl₂·2H₂O
 M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.)	97 %
Insoluble matter in HCl	0,025 %
Sulphate (SO ₄)	0,05 %
As	0,0005 %
Cu	0,05 %
Fe	0,01 %
Ni	0,05 %
Pb	0,1 %

Order code	Package	Units/Box st.
141303.1608	100 g	6
141303.1609	250 g	6
141303.1611	1000 g	6
141303.1214	5 kg	4
141303.0416	25 kg	

Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX

SnCl₂·2H₂O
 M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (Iodom.)	98,0-101,0 %
Identity according to Pharmacopoeias	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Residual solvents (Ph.Eur./USP)	p/t.
Substances not precipitated by thioacetamide	0,2 %
Sulphate (SO ₄)	0,05 %
Heavy metals (as Pb)	0,005 %
Fe	0,01 %

Order code	Package	Units/Box st.
191303.1611	1000 g	6
191303.1214	5 kg	4
191303.0416	25 kg	

Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO

SnCl₂·2H₂O
 M: 225,63 CAS: 10025-69-1 EINECS: 231-868-0 NC: 2827 39 10
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay (SnCl ₂ ·2H ₂ O)	98,0-102,0 %
Arsenic (as As), not more than	2 ppm
Iron, not more than	0,005 %
Lead, not more than	3 ppm
Insoluble in dil. HCl	p/t.
Substances not precipitated by H ₂ S, not more than	0,05 %
Sulphate (SO ₄), not more than	0,003 %
Mercury, not more than	1 ppm

Specifications Dir. 2008/84/EC, F.C.C. 6

Order code	Package	Units/Box st.
201303.1214	5 kg	4

Tin(IV) Oxide PRS

SnO₂
 M: 150,69 CAS: 18282-10-5 EINECS: 242-159-0 NC: 2825 90 30
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Chloride (Cl)	0,05 %
Sulphate (SO ₄)	0,05 %
Fe	0,01 %

Order code	Package	Units/Box st.
141305.1209	250 g	6
141305.1211	1000 g	6
141305.0416	25 kg	

Tin(II) Sulphate PRS

O₃SSn SnSO₄
 M: 214,75 CAS [7488-55-3] EINECS 231-302-2 NC: 2833 29 80
 Signal Word: Warning



H302-H319-H335-H315

SPECIFICATIONS:

Assay	96 %
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Order code	Package	Units/Box st.
144369.1208	100 g	6
144369.1210	500 g	6

TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,8 ±0,1
 NC: 3822 00 00

1l-1,080kg 1kg-0,926l

Composition:

Acetic Acid glacial	57 ml
Sodium Chloride	58 g
Sodium Citrate	0,3 g
Sodium Hydroxide 20%	150 ml
Water s.q.m	1 l

Note: pH 5,8±0,1

Order code	Package	Units/Box st.
275210.1211	1000 ml	6

TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,15 ±0,15
 NC: 3822 00 00

1l-1,080kg 1kg-0,926l

Composition:

1,2-Diaminocyclohexane N,N,N,N-tetraacetic Acid 1-hydrate	3,6 g
Sodium Hydroxide 50% sol. w/w	35 ml
Acetic Acid glacial	57 ml
Sodium Chloride	58 g
Water s.q.m	1 l

Note: pH 5,15±0,15

Order code	Package	Units/Box st.
274765.1211	1000 ml	6

TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 5,25 ±0,25
 NC: 3822 00 00

1l-1,053kg 1kg-0,950l

Composition:

1,2-Diaminocyclohexane N,N,N,N-tetraacetic Acid 1-hydrate	18 g
Ammonium Chloride	96,65 g
Ammonium Acetate	163,4 g
Cresol Red	0,1 g
Water s.q.m	1 l

Note: pH 5,25±0,25

Order code	Package	Units/Box st.
273526.1210	500 ml	6

TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST

for the fluoride determination by selective electrodes. pH 8,5 ±0,1
 NC: 3822 00 00

1l-1,103kg 1kg-0,907l

Composition:

Hydrochloric acid 37%	84 ml
Tris (Hydroxymethyl) Aminomethane	242 g
Sodium Tartrate 2-hydrate	230 g
Water s.q.m	1 l

Note: pH 8,5±0,1

Order code	Package	Units/Box st.
273531.1210	500 ml	6

TISAB B (F.C.C.) in food analysis ST

for the fluoride determination by selective electrodes. pH 8,00 ±0,05
 NC: 3822 00 00

1l-1,103kg 1kg-0,907l

Composition:

tri-Sodium Citrate 2-hydrate	150 g
EDTA-Na ₂ ·H ₂ O	10,3 g
Water s.q.m	1 l

Note: pH 8,00±0,05

Order code	Package	Units/Box st.
275211.1210	500 ml	6

TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT

for the fluoride determination by selective electrodes. pH 5,5±0,1
 NC: 3822 00 00 UN: 1760
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 818 CAO: 820
 Signal Word: Warning



H319-H315

1l-1,088kg 1kg-0,919l

Composition:

1,2-Diaminocyclohexane N,N,N,N-tetraacetic Acid 1-hydrate	10 g
Sodium Chloride	58 g
Sodium Citrate	29,4 g
Acetic Acid glacial	57 ml
Sodium Hydroxide 32% w/v	50 ml
Water s.q.m.	1 l

Note: pH 5,5±0,1

Order code	Package	Units/Box st.
625891.1209	250 ml	6
625891.1211	1000 ml	6

Titan Yellow (C.I. 19540) PA

pH and adsorption indicator and for complexometry 12,0 yellow; 13,0 amber
 $C_{28}H_{18}N_2Na_2O_5S_4$

M: 695,73 CAS: 1829-00-1 EINECS: 217-377-4 NC: 3204 19 00

SPECIFICATIONS:

Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C 8 %

Suitability as Mg reagent p/t.

Order code	Package	Units/Box st.
122470.1605	10 g	6
122470.1606	25 g	6

TITANIUM SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Titanium Dioxide

(see Titanium(IV) Oxide)

Titanium(IV) Isopropylate, 97% PS

$C_{12}H_{20}O_4Ti$

M: 284,25 CAS: 546-68-9 EINECS: 208-909-6 NC: 2905 19 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H319

1l-0,965kg 1kg-1,036l

SPECIFICATIONS:

Assay 97 %

Identity IR p/t.

Order code	Package	Units/Box st.
15A244.1608	100 ml	6
15A244.1610	500 ml	6

Titanium(IV) Isopropoxide

(see Titanium(IV) Isopropylate)

Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Assay 99,0-100,5%

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.

Insoluble matter in H_2SO_4 p/t.

Soluble matter in HCl dil. 0,5 %

Soluble matter in H_2O 0,25 %

Loss on drying at 105°C 0,5 %

Loss on ignition at 800°C 0,5 %

Residual solvents (Ph.Eur./USP) p/t

Acidity or alkalinity p/t.

Heavy metals (as Pb) 0,002 %

As 0,0001 %

Ba p/t.

Fe 0,02 %

Hg 0,0001 %

Pb 0,001 %

Sb 0,0002 %

Order code	Package	Units/Box st.
142101.1210	500 g	6
142101.1211	1000 g	6
142101.0914	5 kg	6

Titanium(IV) Oxide (E-171, F.C.C.) ADITIO

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Assay (TiO_2) after drying 99,0-100,5%

Acid soluble substances, not more than 0,5 %

Aluminium Oxide and Silicon Dioxide, not more than 2,0 %

Soluble barium compounds, not more than 5 ppm

Antimony, not more than 2 ppm

Arsenic (as As), not more than 1 ppm

Lead, not more than 10 ppm

Zinc, not more than 50 ppm

Loss on drying, not more than 0,5 %

Loss on ignition (after drying), not more than 0,5 %

Cadmium, not more than 1 ppm

Mercury, not more than 1 ppm

Water-soluble substances, not more than 0,3 %

Specifications Dir. 2008/128/CE, F.C.C. 6

Order code	Package	Units/Box st.
202101.0914	5 kg	6
202101.0416	25 kg	6

Titanium(IV) Oxide QP

TiO_2

M: 79,90 CAS: 13463-67-7 EINECS: 236-675-5 NC: 2823 00 00

SPECIFICATIONS:

Insoluble matter in H_2SO_4 p/t.

Loss on ignition at 800°C 1 %

Order code	Package	Units/Box st.
212101.1211	1000 g	6
212101.0914	5 kg	6

Titriplex® I

(see Nitrile tri-Acetic Acid)

TMCS

(see Chlorotrimethylsilane)

TMP

(see Trimethyl Phosphate)

TMSDEA

(see N-(Trimethylsilyl) Diethylamine)

TMSH

(see Trimethylsulphonium Hydroxide)

TMSI

(see N-(Trimethylsilyl) Imidazole)

DL- α -Tocopherol (E-307, F.C.C.) ADITIO

$C_{28}H_{46}O_2$

M: 430,72 CAS: 10191-41-0 EINECS: 233-466-0 NC: 2936 28 00

SPECIFICATIONS:

Assay 96,0-102,0 %

Assay 960-1020 IU/g

Refractive index 1,503-1,507

Specific weight 0,947-0,958

Acidity p/t.

Specific rotation $[\alpha]_D^{20}$ (1/10 in $CHCl_3$) -0,05 to +0,05°

A 1%; 1 cm; λ 292 nm in C_2H_5OH abs 72-76

Residue on ignition, not more than 0,1 %

Heavy metals (as Pb), not more than 0,001 %

Arsenic (as As), not more than 3 ppm

Lead, not more than 2 ppm

Mercury (Hg), not more than 1 ppm

Specifications Dir. 2008/84/CE, F.C.C. 6

Order code	Package	Units/Box st.
204644.0314	5 kg	4

o-Tolidine (Reag. USP, Ph. Eur.) PA

Chlorine reagent

$C_{14}H_{18}N_2$

M: 212,29 CAS: 119-93-7 EINECS: 204-358-0 NC: 2921 59 90

Signal Word: Danger



H350-H302-H411

SPECIFICATIONS:

Minimum assay 98,0 %

Identity IR p/t.

Melting range 129-131°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl p/t.

Residue on ignition (as SO_4) 0,1 %

Sensitivity to chlorine p/t.

Order code	Package	Units/Box st.
121744.1605	10 g	6
121744.1607	50 g	6

o-Tolidine solution 0,1% RE

Chlorine reagent
 $C_{14}H_{16}N_2$
 M: 212,29 CAS: 119-93-7 NC: 3822 00 00
 Signal Word: Danger

H350
 1l-1,021kg 1kg-0,979l
 Composition:
 o-Tolidine0,1 g
 Hydrochloric Acid 35%10,5 ml
 Water s.q.m100 ml

Order code	Package	Units/Box st.
172417.1609	250 ml	6
172417.1611	1000 ml	6

Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS

$C_6H_5CH_3$
 M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H315-H373-H361d-H304-H336
 1l-0,865kg 1kg-1,156l

SPECIFICATIONS:
 Minimum assay (G.C.)99,9 %
 Density at 20/40,863-0,866

MAXIMUM LIMIT OF IMPURITIES
 APHA colour10
 Non volatile matter0,0003 %
 Acidity0,0001 meq/g
 Alkalinity0,0002 meq/g
 Water (H₂O)0,01 %
 Darkened substances by H₂SO₄p/t.
 Sulphur compounds (as CS₂)0,0003 %
 Thiophene (C₄H₄S)0,0002 %
 Suitability for IR spectrometryp/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	285 (Cut off)	288	293	300	310	350-450
A (AU)	1,000	0,495	0,201	0,097	0,046	0,009
T (%)	10	32	63	80	90	98

Fluorescence (as quinine):

λ (nm)	365
ppb	2,0

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:
 Rohrschneider Polarity2,4
 Eluotropic value E⁺(Al₂O₃)0,29
 Sol. H₂O in solv. at 20°C0,046
 P⁺ + 0,25 E2,9
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361745.1611	1000 ml	6
361745.1612	2,5 l	4
361745.1646	4 l	4
361745.0314	5 l	4
361745.1616	25 l	4

Toluene (PAR) PAI

$C_6H_5CH_3$
 M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H315-H373-H361d-H304-H336
 1l-0,865kg 1kg-1,156l

SPECIFICATIONS:
 Minimum assay (G.C.)99,8 %
 IdentityIR p/t.
 Density at 20/40,863-0,866

MAXIMUM LIMIT OF IMPURITIES
 APHA colour10
 Non-volatile matter0,0005 %
 Acidity0,0001 meq/g
 Alkalinity0,0002 meq/g
 Water (H₂O)0,02 %
 Thiophene (C₄H₄S)0,0002 %
 Signal ECD (Lindane to DDT) (as Lindane)5 ng/l
 Signal PND (Ethylparathion to Coumaphos) (as Ethylparathion)5 ng/l
 Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)p/t.

Order code	Package	Units/Box st.
321745.1611	1000 ml	6
321745.1612	2,5 l	4

Toluene dry (max. 0,005% water) DS-ACS-ISO

$C_6H_5CH_3$
 M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H315-H373-H361d-H304-H336
 1l-0,865kg 1kg-1,156l

SPECIFICATIONS:
 Minimum assay (G.C.)99,5 %
 IdentityIR p/t.
 Density at 20/40,863-0,866

MAXIMUM LIMIT OF IMPURITIES
 APHA colour10
 Non-volatile matter0,001 %
 Benzene (G.C.)0,05 %
 Ethylbenzene (G.C.)0,05 %
 m-Xylene (G.C.)0,05 %
 o-Xylene (G.C.)0,01 %
 p-Xylene (G.C.)0,01 %
 Darkened substances by H₂SO₄p/t.
 Sulphur compounds (as CS₂)0,0003 %
 Acidity0,0001 meq/g
 Alkalinity0,0002 meq/g
 Water (H₂O)0,005 %
 Thiophene (C₄H₄S)0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Fe .....0,1	Pb .....0,1
Al .....0,5	Ga .....0,02	Pt .....0,02
As .....0,05	Ge .....0,05	S .....0,5
Au .....0,05	Hg .....0,05	Sb .....0,02
B .....0,02	In .....0,05	Si .....0,2
Ba .....0,1	K .....0,1	Sn .....0,1
Be .....0,02	Li .....0,05	Sr .....0,2
Bi .....0,05	Mg .....0,1	Ti .....0,02
Ca .....0,1	Mn .....0,02	Tl .....0,02
Cd .....0,05	Mo .....0,02	V .....0,02
Co .....0,02	Na .....0,5	Zn .....0,1
Cr .....0,02	Ni .....0,02	Zr .....0,02
Cu .....0,02	P .....0,2	

Order code	Package	Units/Box st.
481745.1611	1000 ml	6

Toluene (Reag. Ph. Eur.) PA-ACS-ISO

$C_6H_5CH_3$
 M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger

H225-H315-H373-H361d-H304-H336
 1l-0,865kg 1kg-1,156l

SPECIFICATIONS:
 Minimum assay (G.C.)99,5 %
 IdentityIR p/t.
 Density at 20/200,865-0,870

MAXIMUM LIMIT OF IMPURITIES
 APHA colour10
 Non-volatile matter0,001 %
 Benzene (G.C.)0,05 %
 Ethylbenzene (G.C.)0,05 %
 m-Xylene (G.C.)0,05 %
 o-Xylene (G.C.)0,01 %
 p-Xylene (G.C.)0,01 %
 Darkened substances by H₂SO₄p/t.
 Sulphur compounds (as CS₂)0,0003 %
 Acidity0,0001 meq/g
 Alkalinity0,0002 meq/g
 Water (H₂O)0,03 %
 Thiophene (C₄H₄S)0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag .....0,05	Fe .....0,1	Pb .....0,1
Al .....0,5	Ga .....0,02	Pt .....0,02
As .....0,05	Ge .....0,05	S .....0,5
Au .....0,05	Hg .....0,05	Sb .....0,02
B .....0,02	In .....0,05	Si .....0,2
Ba .....0,1	K .....0,1	Sn .....0,1
Be .....0,02	Li .....0,05	Sr .....0,2
Bi .....0,05	Mg .....0,1	Ti .....0,02
Ca .....0,1	Mn .....0,02	Tl .....0,02
Cd .....0,05	Mo .....0,02	V .....0,02
Co .....0,02	Na .....0,5	Zn .....0,1
Cr .....0,02	Ni .....0,02	Zr .....0,02
Cu .....0,02	P .....0,2	

Order code	Package	Units/Box st.
131745.1611	1000 ml	6
131745.1612	2,5 l	4
131745.0314	5 l	4
131745.0616	25 l	4
131745.0619	200 l	4

Toluene PRS

C₇H₈CH₃

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,863-0,866
Non-volatile matter	0,01 %
Benzene (G.C.)	0,1 %
Ethylbenzene (G.C.)	0,1 %
m-Xylene (G.C.)	0,1 %
o-Xylene (G.C.)	0,05 %
p-Xylene (G.C.)	0,05 %
Sulphur compounds (as CS ₂)	0,001 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H ₂ O)	0,05 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code Package Units/Box st.

141745.1611	1000 ml		6
141745.1612	2,5 l		4
141745.0314	5 l		4
141745.0616	25 l		

Toluene, 99,5% PS

C₇H₈CH₃

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,863-0,866
Non-volatile matter	0,005 %
Water (H ₂ O)	0,03 %

Order code Package Units/Box st.

161745.1611	1000 ml		6
161745.1612	2,5 l		4
161745.1714	5 l		4
161745.0616	25 l		

Toluene QP

C₇H₈CH₃

M: 92,14 CAS: 108-88-3 EINECS: 203-625-9 NC: 2902 30 00 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H315-H373-H361d-H304-H336

1l~0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)	99,5 %
Density at 20/4	0,863-0,867
Acidity	0,003 meq/g
Water (H ₂ O)	0,1 %

Order code Package Units/Box st.

211745.1611	1000 ml		6
211745.2714	5 l		4
211745.0616	25 l		

Toluene-D8 deuteration degree min. 99,8% (NMR) PAI

C₇D₈CD₃

M: 100,21 CAS: 2037-26-5 EINECS: 218-009-5 NC: 2845 90 10 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t
MAXIMUM LIMIT OF IMPURITIES	
Water (H ₂ O+D ₂ O)	0,02 %

Order code Package Units/Box st.

745869.02130	10 x 0,75 ml		6
745869.1605	10 ml		6

Toluene-D8 deuteration degree min. 99,5% (NMR) PAI

C₇D₈CD₃

M: 100,21 CAS: 2037-26-5 EINECS: 218-009-5 NC: 2845 90 10 UN: 1294
IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332

1l~0,94kg 1kg~1,06l

SPECIFICATIONS:

Deuteration degree min.	99,5 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,03 %
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Order code Package Units/Box st.

745868.02130	10 x 0,75 ml		6
745868.1605	10 ml		6

4-Toluenesulphonchloramide Sodium Salt

(see Chloramine T 3-hydrate)

p-Toluenesulphonic Acid

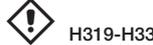
(see Toluene-4-Sulphonic Acid 1-hydrate)

Toluene-4-Sulphonic Acid 1-hydrate, 98% PS

CH₃C₆H₄HSO₃.H₂O

M: 190,22 CAS: 6192-52-5 EINECS: 203-180-0 NC: 2904 10 00 UN: 2585
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.)	98 %
Identity	IR p/t
Water (H ₂ O)	9-13 %

Order code Package Units/Box st.

15A671.1209	250 g		6
15A671.1210	500 g		6
15A671.1214	5 kg		4
15A671.0416	25 kg		

4-Toluenesulphonic Acid Pyridine Salt

(see Pyridinium 4-Toluenesulphonate)

4-Toluenesulphonyl Chloride, 98% PS

C₇H₇ClO₂S

M: 190,63 CAS: 98-59-9 EINECS: 202-684-8 NC: 2904 90 20 UN: 3261
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay (Arg.)	98 %
Identity	IR p/t
Melting range	65-69°C

Order code Package Units/Box st.

15A653.1611	1000 g		6
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o-Toluidine PA

C₇H₉N

M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611

Signal Word: Danger



H350-H331-H301-H319-H400

1l~1,000kg 1kg~1,000l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5 %
Identity	IR p/t
Density at 20/4	0,998-1,002

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO ₂)	0,005 %
Aniline (G.C.)	0,1 %
m-Toluidine (G.C.)	0,3 %
p-Toluidine (G.C.)	0,1 %
Hydrocarbons	p/t
Water (H ₂ O)	0,1 %
Chloride (Cl)	0,001 %
Ca	0,00005 %
Cd	0,00005 %
Co	0,00002 %
Cr	0,00002 %
Cu	0,00002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,00002 %
Ni	0,00002 %
Pb	0,00001 %
Zn	0,00001 %

Order code Package Units/Box st.

121955.1611	1000 ml		6
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o-Toluidine stabilized PA

C₇H₉N
 M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger



H350-H331-H301-H319-H400

1l-1kg 1kg-1l

SPECIFICATIONS:
 Minimum assay (G.C.) 99,0 %
 Density at 20/4 0,998-1,002

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,005 %
 Aniline (G.C.) 0,1 %
 m-Toluidine (G.C.) 0,3 %
 p-Toluidine (G.C.) 0,1 %
 Hydrocarbons p/t.
 Water (H₂O) 0,25 %
 Chloride (Cl) 0,001 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
122234.1611	1000 ml	6

o-Toluidine, 99% PS

C₇H₉N
 M: 107,16 CAS: 95-53-4 EINECS: 202-429-0 NC: 2921 43 00 UN: 1708
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger



H350-H331-H301-H319-H400

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Density at 20/4 0,998-1,000

Order code	Package	Units/Box st.
161955.1611	1000 ml	6

o-Toluidine solution 6% DC

for determination of glucose in blood
 NC: 3822 00 00 UN: 2922
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger



H350-H332-H312-H302-H314-H319-H411

1l-1,066kg 1kg-0,938l

Composition:
 o-Toluidine stabilized 6 ml
 Thiourea 150 mg
 Acid Acetic glacial s.q.m 100 ml

Order code	Package	Units/Box st.
252311.1611	1000 ml	6

p-Toluidine, 99% PS

CH₃C₆H₄NH₂
 M: 107,16 CAS: 106-49-0 EINECS: 203-403-1 NC: 2921 43 00 UN: 3451
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615
 Signal Word: Danger



H331-H311-H301-H319-H351-H317-H400

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Melting range 43-45°C

Order code	Package	Units/Box st.
15A861.1608	100 g	6
15A861.1609	250 g	6

Toluidine Blue O (C.I. 52040) DC

for microscopy, nucleus and mucosae staining
 (C₁₅H₁₆ClN₃S)₂.ZnCl₂
 M: 747,96 CAS: 6586-04-5 EINECS: 202-146-2 NC: 3204 16 00
SPECIFICATIONS:

Identity IR p/t.
 λ of max. ABS in H₂O 630-635 nm
 A 1%; 1cm. λmax >750
 Ratio λmax. P± 15 nm 1,00-1,23
 T.L.C p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C 10 %

Order code	Package	Units/Box st.
251176.1604	5 g	6
251176.1606	25 g	6

Toluidine Blue O solution 1% DC

for microscopy, nucleus and mucosae staining
 (C₁₅H₁₆ClN₃S)₂.ZnCl₂
 M: 747,96 CAS: 6586-04-5 EINECS: 202-146-2 NC: 3204 13 00
 1l-1,005kg 1kg-0,995l

Composition:
 Toluidine Blue O 1 g
 Water s.q.m 100 ml

Order code	Package	Units/Box st.
253535.1210	500 ml	6

p-Tolyldiazinium Chloride, 98% PS

C₇H₁₀N₂
 M: 158,63 CAS: 637-60-5 EINECS: 211-295-2 NC: 2928 00 90 UN: 2811
 IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619
 Signal Word: Danger



H350-H331-H311-H301-H317-H410

SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A351.1606	25 g	6
15A351.1608	100 g	6

α-Tolylic Acid

(see Phenylacetic Acid)

Tosyl Chloride

(see 4-Toluenesulphonyl Chloride)

Triacetin

(see Glycerol tri-Acetate)

1,2,4-Triazole Sodium Salt, 95% PS

C₂H₃N₃Na
 M: 91,05 CAS: 41253-21-8 EINECS: 255-280-9 NC: 2933 99 90 UN: 3259
 IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823
 Signal Word: Danger



H302-H318

SPECIFICATIONS:
 Minimum assay (Acidim.) 95 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A588.1205	10 g	6
15A588.1207	50 g	6

Tribromomethane

(see Bromoform)

Tri-n-Butylamine, 99% PS

C₁₂H₂₇N
 M: 185,36 CAS: 102-82-9 EINECS: 203-058-7 NC: 2921 19 80 UN: 2542
 IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 609 CAO: 611
 Signal Word: Danger



H302-H331-H311-H315-H411

1l-0,777kg 1kg-1,287l

SPECIFICATIONS:
 Minimum assay (G.C.) 99 %
 Identity IR p/t.
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
15A883.1611	1000 ml	6

Tributyrin

(see Glycerol tri-Butyrate)

Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS

CCl₃COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H314-H410

SPECIFICATIONS:

Minimum assay (Acidim.)..... 99,5 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O..... 0,003 %
Residue on ignition (as SO₄)..... 0,03 %
Reducing substances to KMnO₄..... p/t
Darkened substances by H₂SO₄..... p/t
Chloride (Cl)..... 0,001 %
Phosphate (PO₄)..... 0,0005 %
Nitrate (NO₃)..... 0,002 %
Sulphate (SO₄)..... 0,02 %
Heavy metals (as Pb)..... 0,002 %
Cu..... 0,002 %
Fe..... 0,001 %
Ni..... 0,002 %
Pb..... 0,002 %

Order code Package Units/Box st.

131067.1608	100 g		6
131067.1609	250 g		6
131067.1611	1000 g		6
131067.1214	5 kg		4
131067.0416	25 kg		4

Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX

CCl₃COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H314-H410

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s..... 99,0-100,5%
Identity according to Pharmacopoeias..... p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution..... p/t
Insoluble matter in H₂O..... 0,01 %
Loss on drying..... 1,0 %
Residue on ignition (as SO₄)..... 0,05 %
Chloride (Cl)..... 0,005 %
Nitrate (NO₃)..... 0,02 %
Sulphate (SO₄)..... 0,05 %
Residual metals ICP:
Class 1A (Pt, Pd)..... 10 ppm
Class 1B (Ir, Rh, Ru, Os)..... 10 ppm
Class 1C (Mo, Ni, Cr, V)..... 25 ppm
Class 2 (Cu, Mn)..... 250 ppm
Class 3 (Fe, Zn)..... 1300 ppm

Order code Package Units/Box st.

141067.1608	100 g		6
141067.1609	250 g		6
141067.1611	1000 g		6
141067.1214	5 kg		4
141067.0416	25 kg		4

Trichloroacetic Acid, 98% PS

CCl₃COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 1839
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 815 CAO: 817

Signal Word: Danger



H314-H410

SPECIFICATIONS:

Minimum assay..... 98 %

Order code Package Units/Box st.

151067.1609	250 g		6
151067.1611	1000 g		6
151067.1214	5 kg		4
151067.0416	25 kg		4

Trichloroacetic Acid solution 20% w/v DC

deproteinizer

CCl₃COOH

M: 163,39 CAS: 76-03-9 EINECS: 200-927-2 NC: 2915 40 00 UN: 2564
IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H314-H411

1l-1,098kg 1kg-0,911l

Composition:

Trichloroacetic Acid..... 20,1 g
Water s.q.m..... 100 ml

Order code Package Units/Box st.

252373.1611	1000 ml		6
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1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI

C₆H₃Cl₃

M: 181,45 CAS: 120-82-1 EINECS: 204-428-0 NC: 2903 69 90 UN: 2321
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H315-H410

1l-1,454kg 1kg-0,688l

SPECIFICATIONS:

Minimum assay (G.C.)..... 99,0 %
Density at 20/4..... 1,453-1,455

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 10
Non volatile matter..... 0,0003 %
Acidity..... 0,0002 meq/g
Alkalinity..... 0,0002 meq/g
Water (H₂O)..... 0,015 %
Suitability for IR spectrometry..... p/t
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	307 (Cut off)	310	315	385-450
A (AU)	1,000	0,301	0,097	0,009
T (%)	10	50	80	98

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code Package Units/Box st.

363541.1611	1000 ml		6
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1,2,4-Trichlorobenzene, 98,5% PS

C₆H₃Cl₃

M: 181,45 CAS: 120-82-1 EINECS: 204-428-0 NC: 2903 69 90 UN: 2321
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 611 CAO: 618

Signal Word: Warning



H302-H315-H410

1l-1,454kg 1kg-0,688l

SPECIFICATIONS:

Minimum assay (G.C.)..... 98,5 %
Identity..... IR p/t
Density at 20/4..... 1,453-1,455
Acidity (as HCl)..... 0,002 %
Water (H₂O)..... 0,02 %

Order code Package Units/Box st.

163541.1609	250 ml		6
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Trichlorobromomethane

(see Bromotrichloromethane)

1,1,1-Trichloroethane (E.U.) PRS

for Essential Uses

Cl₃CCH₃

M: 133,40 CAS: 71-55-6 EINECS: 200-756-3 NC: 2903 19 10 UN: 2831
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612

Signal Word: Warning



H332-EUH059

1l-1,342kg 1kg-0,745l

SPECIFICATIONS:

Assay (G.C.) (stabilizers not included)..... 99 %
Non-volatile matter..... 0,01 %
Acidity (HCl)..... 0,006 meq/g
Water (H₂O)..... 0,2 %
Fe..... 0,00005 %
Pb..... 0,00002 %

Order code Package Units/Box st.

142925.1611	1000 ml		6
142925.1612	2,5 l		4

Trichloroethene

(see Trichloroethylene)

**Trichloroethylene, stabilized with ethanol
(Reag. Ph. Eur.) PA-ACS**

Cl₂CClCH
M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger

H350-H319-H315-H412-H336-H341
1l-1,46kg 1kg-0,68l

SPECIFICATIONS:
Minimum assay (G.C.) 99,5 %
Identity IR p/t.
MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
Ethanol (G.C.) 0,5 %
Tetrachloroethylene (G.C.) 0,05 %
Free halogens p/t.
Acidity 0,0001 meq/g
Alkalinity 0,0003 meq/g
Water (H₂O) 0,02 %
Chloride (Cl) 0,0004 %
Heavy metals (as Pb) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,2	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131749.1611	1000 ml	6
131749.1612	2,5 l	4
131749.1714	5 l	4
131749.0616	25 l	

Trichloroethylene, stabilized with ethanol PRS

Cl₂CClCH
M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger

H350-H319-H315-H412-H336-H341
1l-1,46kg 1kg-0,68l

SPECIFICATIONS:
Assay (G.C.) (stabilizer not included) 99 %
Identity IR p/t.
Non-volatile matter 0,005 %
Ethanol (G.C.) 0,5 %
Tetrachloroethylene (G.C.) 0,1 %
Acidity 0,0005 meq/g
Alkalinity 0,001 meq/g
Water (H₂O) 0,1 %
Chloride (Cl) 0,001 %
Cu 0,00002 %
Fe 0,00005 %
Ni 0,00002 %
Pb 0,00002 %

Order code	Package	Units/Box st.
141749.1611	1000 ml	6
141749.1612	2,5 l	4
141749.1714	5 l	4
141749.0616	25 l	

Trichloroethylene, 99% stabilized with ethanol PS

Cl₂CClCH
M: 131,39 CAS: 79-01-6 EINECS: 201-167-4 NC: 2903 22 00 UN: 1710
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 605 CAO: 612
Signal Word: Danger

H350-H319-H315-H412-H336-H341
1l-1,46kg 1kg-0,68l

SPECIFICATIONS:
Minimum assay (G.C.) 99 %
Minimum assay (G.C.) (stabilizer not included) 99,5 %
Identity IR p/t.
Ethanol (G.C.) 0,5 %
Acidity (as HCl) 0,001 %
Water (H₂O) 0,02 %

Order code	Package	Units/Box st.
161749.1611	1000 ml	6
161749.1612	2,5 l	4
161749.1714	5 l	4
161749.0616	25 l	

**Trichloromethane stabilized with ~150 ppm
of amylene (HPLC-GPC) PAI**

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,8 %
Identity IR p/t.
Density at 20/4 >1,48

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,0003 %
Acidity 0,00015 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,01 %
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	244 (Cut off)	245	255	260	280-400
A (AU)	1,000	0,824	0,155	0,071	0,009
T (%)	10	15	70	85	98

Fluorescence (as quinine) :

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,1
Eluotropic value ε° (Al₂O₃) 0,4
Sol. H₂O in solv. at 20°C 0,072
P⁺+0,25E 5,6
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363101.1611	1000 ml	6
363101.1612	2,5 l	4

**Trichloromethane dry (max. 0,005% water)
stabilized with ~50 ppm of amylene DS-ACS**

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,9 %
Identity IR p/t.
Density at 20/4 >1,48

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
Carbon Tetrachloride (G.C.) 0,01 %
Dichloromethane (G.C.) 0,01 %
Tetrachloroethylene (G.C.) 0,01 %
Trichloroethylene (G.C.) 0,01 %
Suitability for use in dithizone tests p/t.
Metallic impurities p/t.
Acidity 0,00015 meq/g
Carbonyl compounds (as CH₃COCH₃) 0,005 %
Water (H₂O) 0,005 %
Chlorine (Cl) 0,0005 %
Phosgene (Cl₂CO) 0,0001 %
Chloride (Cl) 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,2	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
483101.1611	1000 ml	6

Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) 99,8 %

Identity IR p/t

Density at 20/4 >1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Carbon Tetrachloride (G.C.) 0,01 %

Dichloromethane (G.C.) 0,01 %

Tetrachloroethylene (G.C.) 0,01 %

Trichloroethylene (G.C.) 0,01 %

Suitability for use in dithizone tests p/t

Metallic impurities p/t

Acidity 0,00015 meq/g

Carbonyl compounds (as CH₃COCH₃) 0,005 %

Water (H₂O) 0,05 %

Chlorine (Cl) 0,0005 %

Phosgene (Cl₂CO) 0,0001 %

Chloride (Cl) 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	255	260	300
A (AU)	0,301	0,097	0,009
T (%)	50	80	98

Order code Package Units/Box st.

Order code	Package	Units/Box st.
133101.1611	1000 ml	6
133101.1612	2,5 l	4
133101.1616	25 l	

Trichloromethane stabilized with ~50 ppm of amylene PA

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) 99,6 %

Identity IR p/t

Density at 20/4 >1,48

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10

Non-volatile matter 0,001 %

Carbon Tetrachloride (G.C.) 0,05 %

Dichloromethane (G.C.) 0,05 %

Tetrachloroethylene (G.C.) 0,05 %

Trichloroethylene (G.C.) 0,05 %

Acidity 0,00015 meq/g

Carbonyl compounds (as CH₃COCH₃) 0,005 %

Water (H₂O) 0,05 %

Chlorine (Cl) 0,0005 %

Phosgene (Cl₂CO) 0,0001 %

Chloride (Cl) 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ca 0,5		
Cd 0,05		
Co 0,02		
Cr 0,02		
Cu 0,02		
Fe 0,1		
Mg 0,1		
Mn 0,02		
Ni 0,02		
Pb 0,05		
Zn 0,1		

Order code Package Units/Box st.

Order code	Package	Units/Box st.
123101.1611	1000 ml	6
123101.1612	2,5 l	4
123101.1616	25 l	

Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %

Identity according to Pharmacopoeias p/t

Density at 20/4 1,474-1,479

Distillation range 60-62°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,002 %

Residual solvents (Ph.Eur./USP) p/t

Chlorine foreign compounds p/t

Related substances p/t

Acidity or alkalinity p/t

Aldehyde p/t

Water (H₂O) 0,1 %

Free chlorine (Cl) 0,001 %

Chloride (Cl) 0,0001 %

Cu 0,00002 %

Fe 0,00002 %

Ni 0,00002 %

Pb 0,00002 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
143101.1611	1000 ml	6
143101.1612	2,5 l	4
143101.1714	5 l	4
143101.0616	25 l	

Trichloromethane, 99,9% stabilized with ~50 ppm of amylene PS

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg~0,677l

SPECIFICATIONS:

Minimum assay (G.C.) 99,9 %

Identity IR p/t

Density at 20/4 >1,48

Non-volatile matter 0,002 %

Acidity (as HCl) 0,001 %

Water (H₂O) 0,05 %

Order code Package Units/Box st.

Order code	Package	Units/Box st.
163101.1611	1000 ml	6
163101.1612	2,5 l	4
163101.1714	5 l	4
163101.0616	25 l	

Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,0 %
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non volatile matter 0,0003 %
Ethanol (G.C.) 0,5-0,8 %
Acidity 0,00015 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,01 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	244 (Cut off)	245	250	257	260	270	280-400
A (AU)	1,000	0,699	0,301	0,097	0,071	0,046	0,009
T (%)	10	20	50	80	85	90	98

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	1

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.
Data of interest in HPLC:
Rohrschneider Polarity 4,1
Eluotropic value E°(Al₂O₃) 0,4
Sol. H₂O in solv. at 20°C 0,072
P' + 0,25 E 5,6
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361252.1611	1000 ml	6
361252.1612	2,5 l	4
361252.1616	25 l	

Trichloromethane stabilized with ethanol (PAR) PAI

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373 CE: 602-006-00-4
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,0 %
Identity IR p/t.
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,0005 %
Ethanol (G.C.) 0,5-0,8 %
Acidity 0,00015 meq/g
Water (H₂O) 0,05 %
Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
Signal PND of pesticide (Ethylparathion to Coumaphos) (as Ethylparathion) 5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol) p/t.

Order code	Package	Units/Box st.
321252.1611	1000 ml	6
321252.1612	2,5 l	4

Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,0 %
Minimum assay (G.C.) (stabilizer not included) 99,8 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
Ethanol (G.C.) 0,5-0,8 %
Carbon Tetrachloride (G.C.) 0,01 %
Dichloromethane (G.C.) 0,01 %
Tetrachloroethylene (G.C.) 0,01 %
Trichloroethylene (G.C.) 0,01 %
Metallic impurities p/t.
Suitability for use in dithizone tests p/t.
Darkened substances by H₂SO₄ p/t.
Acidity 0,00015 meq/g
Carbonyl compounds (as CH₃COCH₃) 0,005 %
Water (H₂O) 0,05 %
Chlorine (Cl) 0,0005 %
Phosgene (Cl₂CO) 0,0001 %
Chloride (Cl) 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,05
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,2
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,1	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,02
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
131252.1611	1000 ml	6
131252.1612	2,5 l	4
131252.1616	25 l	

Trichloromethane stabilized with ethanol PA

CHCl₃
M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612
Signal Word: Warning

H302-H315-H351-H373
1l-1,478kg 1kg-0,677l

SPECIFICATIONS:
Minimum assay (G.C.) 99,0 %
Minimum assay (G.C.) (stabilizer not included) 99,6 %
Identity IR p/t.
Density at 20/4 1,476-1,486

MAXIMUM LIMIT OF IMPURITIES
APHA colour 10
Non-volatile matter 0,001 %
Ethanol (G.C.) 0,5-0,8 %
Carbon Tetrachloride (G.C.) 0,05 %
Dichloromethane (G.C.) 0,05 %
Tetrachloroethylene (G.C.) 0,05 %
Trichloroethylene (G.C.) 0,05 %
Darkened substances by H₂SO₄ p/t.
Acidity 0,00015 meq/g
Carbonyl compounds (as CH₃COCH₃) 0,005 %
Water (H₂O) 0,05 %
Chlorine (Cl) 0,0005 %
Phosgene (Cl₂CO) 0,0001 %
Chloride (Cl) 0,00002 %

Metals by ICP [mg/Kg (ppm)]

Ca 0,5
Cd 0,05
Co 0,02
Cr 0,02
Cu 0,02
Fe 0,1
Mg 0,1
Mn 0,02
Ni 0,02
Pb 0,05
Zn 0,1

Order code	Package	Units/Box st.
121252.1611	1000 ml	6
121252.1612	2,5 l	4
121252.1616	25 l	

Trichloromethane stabilized with ethanol PRS

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg-0,677l

SPECIFICATIONS:

Assay (G.C.)	99,0 %
Identity	IR p/t
Density at 25/25	1,476-1,486
Distillation range	60-62°C
Non-volatile matter	0,002 %
Ethanol (G.C.)	0,5-0,8 %
Chlorine foreign compounds	p/t
Chlorate decomposition products	p/t
Related substances	p/t
Darkened substances by H ₂ SO ₄	p/t
Acidity or alkalinity	p/t
Carbonyl compounds	p/t
Water (H ₂ O)	0,1 %
Free chlorine (Cl)	0,001 %
Phosgene (Cl ₂ CO)	0,0005 %
Chloride (Cl)	0,0001 %
Cu	0,00002 %
Fe	0,00002 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
141252.1611	1000 ml	6
141252.1612	2,5 l	4
141252.1714	5 l	4
141252.0616	25 l	4

Trichloromethane, 99% stabilized with ethanol PS

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg-0,677l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Minimum assay (G.C.) (stabilizer not included)	99,9 %
Identity	IR p/t
Density at 20/4	1,476-1,486
Non-volatile matter	0,002 %
Ethanol (G.C.)	0,5-0,8 %
Acidity (as HCl)	0,001 %
Water (H ₂ O)	0,05 %

Order code	Package	Units/Box st.
161252.1611	1000 ml	6
161252.1612	2,5 l	4
161252.1714	5 l	4
161252.0616	25 l	4
161252.0619	200 l	4

Trichloromethane stabilized with ethanol QP

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,478kg 1kg-0,677l

SPECIFICATIONS:

Assay (G.C.)	98 %
Density at 20/4	1,476-1,486
Ethanol (G.C.)	0,5-0,8 %
Acidity	0,0015 meq/g
Water (H ₂ O)	0,2 %

Order code	Package	Units/Box st.
211252.1611	1000 ml	6
211252.1612	2,5 l	4
211252.1714	5 l	4
211252.0616	25 l	4
211252.0619	200 l	4

Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX

CHCl₃

M: 119,38 CAS: 67-66-3 EINECS: 200-663-8 NC: 2903 13 00 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,48kg 1kg-0,67l

SPECIFICATIONS:

Minimum assay (G.C.)	98,0 %
Identity according to Pharmacopoeias	p/t
Density at 20/4	1,474-1,479
Distillation range	60-62°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0,002 %
Ethanol (G.C.)	1,0-2,0 %
Chlorine foreign compounds	p/t
Related substances	p/t
Acidity or alkalinity	p/t
Aldehyde	p/t
Free chlorine (Cl)	p/t
Chloride (Cl)	p/t
Residual solvents (Ph.Eur./USP)	p/t

Order code	Package	Units/Box st.
142502.1611	1000 ml	6
142502.1612	2,5 l	4
142502.1714	5 l	4
142502.0616	25 l	4

Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI

CDCl₃

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,50kg 1kg-0,67l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,01 %
---	--------

Order code	Package	Units/Box st.
745847.02130	10 x 0,75 ml	6
745847.1605	10 ml	6

Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI

CDCl₃

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,50kg 1kg-0,67l

SPECIFICATIONS:

Deuteration degree min.	99,95 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,01 %
---	--------

Order code	Package	Units/Box st.
745848.1608	100 ml	6

Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI

CDCl₃

M: 120,38 CAS: 865-49-6 EINECS: 212-742-4 NC: 2845 90 10 UN: 1888
IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 610 CAO: 612

Signal Word: Warning



H302-H315-H351-H373

1l-1,50kg 1kg-0,67l

SPECIFICATIONS:

Deuteration degree min.	99,8 %
NMR suitability	p/t

MAXIMUM LIMIT OF IMPURITIES

Water (H ₂ O+D ₂ O)	0,02 %
---	--------

Order code	Package	Units/Box st.
745846.1608	100 ml	6
745846.1610	500 ml	6

1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX

Storage between +8 and +15°C.
C₄H₇Cl₃O·½H₂O

M: 186,47 CAS: 6001-64-5 EINECS: 200-317-6 NC: 2905 59 99

SPECIFICATIONS:

Assay (Arg.) calc. a.a.s98,0-101,0%
Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in C₂H₅OH 96% p/t.
Residue on ignition (as SO₂) 0,1 %
Acidity p/t.
Water (H₂O) 4,5-5,5 %
Chloride (Cl) 0,01 %
Residual solvents (Ph.Eur./USP) p/t.

Order code	Package	Units/Box st.
145300.1211	1000 g	6
145300.0914	5 kg	

2,4,6-Trichlorophenol, 98% PS

C₆H₃Cl₃O

M: 197,45 CAS: 88-06-2 EINECS: 201-795-9 NC: 2908 19 00 UN: 2020

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Warning



H302-H319-H315-H351-H410

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
Identity IR p/t.
Melting range 65-67°C
Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
15A618.1609	250 g	6
15A618.1611	1000 g	4

1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI

for Essential Uses

C₂Cl₃F₃

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

EUH059

1I-1,580kg 1kg-0,633I

SPECIFICATIONS:

Minimum assay (G.C.)99,9 %
Density at 20/4 1,578-1,582

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non volatile matter 0,0005 %
Acidity 0,0002 meq/g
Alkalinity 0,0002 meq/g
Water (H₂O) 0,005 %
Hydrocarbons (related to squalane/squalene (3050-2900 cm⁻¹)) 0,0002 %
Suitability for IR spectrometry p/t.
UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	233 (Cut off)	235	240	245	250	260-400
A (AU)	1,000	0,699	0,301	0,097	0,036	0,009
T (%)	10	20	50	80	92	98

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363266.1611	1000 ml	6
363266.1612	2,5 l	4

1,1,2-Trichlorotrifluoroethane

(ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS

for Essential Uses

C₂Cl₃F₃

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

EUH059

1I-1,580kg 1kg-0,633I

SPECIFICATIONS:

Minimum assay (G.C.)99,8 %
Identity IR p/t.
Density at 20/4 1,578-1,582
Boiling range (>98% dist.) 47-48°C

MAXIMUM LIMIT OF IMPURITIES

APHA colour 10
Non-volatile matter 0,0005 %
Carbon Tetrachloride (G.C.) 0,01 %
Tetrachloroethylene (G.C.) 0,01 %
Trichloroethylene (G.C.) 0,01 %
Trichloromethane (G.C.) 0,01 %
Darkened substances by H₂SO₄ p/t.
Reducing substances I: (as I) 0,0016 %
Acidity 0,0003 meq/g
Carbonyl compounds (as CH₃COCH₃) 0,001 %
Water (H₂O) 0,005 %
Free chlorine (Cl) 0,00003 %
Chloride (Cl) 0,00003 %
Ca 0,00005 %
Cd 0,00005 %
Co 0,00002 %
Cr 0,00002 %
Cu 0,00002 %
Fe 0,00001 %
Mg 0,00001 %
Mn 0,00002 %
Ni 0,00002 %
Pb 0,00001 %
Zn 0,00001 %

Order code	Package	Units/Box st.
133266.1611	1000 ml	6
133266.1612	2,5 l	4

1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS

for Essential Uses

C₂Cl₃F₃

M: 187,38 CAS: 76-13-1 EINECS: 200-936-1 NC: 2903 43 00 UN: 3082

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

EUH059

1I-1,580kg 1kg-0,633I

SPECIFICATIONS:

Minimum assay (G.C.)99,8 %
Identity IR p/t.
Density at 20/4 1,578-1,582
Non-volatile matter 0,001 %
Acidity (as HCl) 0,002 %
Water (H₂O) 0,01 %

Order code	Package	Units/Box st.
163266.1611	1000 ml	6
163266.1612	2,5 l	4

TRICINE

(see N-[Tris (Hydroxymethyl) Methyl] Glycine)

Triethanolamine PA

C₆H₁₅NO₃

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1I-1,124kg 1kg-0,890I

SPECIFICATIONS:

Minimum assay (Acidim.)99,0 %
Identity IR p/t.

MAXIMUM LIMIT OF IMPURITIES

APHA colour 50
Residue on ignition (as SO₂) 0,01 %
Ethanolamine (G.C.) 0,1 %
Diethanolamine (G.C.) 0,5 %
Chloride (Cl) 0,001 %
Water (H₂O) 0,1 %
Heavy metals (as Pb) 0,0001 %
Fe 0,0001 %

Order code	Package	Units/Box st.
121750.1609	250 ml	6
121750.1611	1000 ml	6

Triethanolamine (USP-NF) PRS-CODEX

C₆H₁₅NO₃

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Assay (Acidim.) 99,0-107,4%
 Identity according to Pharmacopoeias p/t
 Density at 25/25 1,120-1,128
 Refractive index n_D²⁰ 1,482-1,485

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO₂) 0,05 %
 Total bases p/t
 Residual solvents (Ph.Eur./USP) p/t
 Related substances p/t
 Water (H₂O) 0,15 %
 Heavy metals (as Pb) 0,0005 %
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
141750.1611	1000 ml	6
141750.1612	2,5 l	4
141750.1214	5 l	4
141750.0716	25 l	
141750.0718	60 l	

Triethanolamine (BP, Ph. Eur.) CODEX

C₆H₁₅NO₃

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Assay (Acidim.) 99,0-103,0 %
 Identity according to Pharmacopoeias p/t
 Density at 20/20 1,120-1,130

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
 Residue on ignition (as SO₂) 0,1 %
 Related substances:
 Ethanolamine 0,1%
 Diethanolamine 0,5%
 Total impurities 1,0%
 N-Nitrosodiethanolamine 24 ppb
 Water (H₂O) 1,0 %
 Heavy metals (as Pb) 0,001 %
 Residual solvents (Ph.Eur.) p/t
 Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)
 Class 1A (Pt, Pd) 10 ppm
 Class 1B (Ir, Rh, Ru, Os) 10 ppm
 Class 1C (Mo, Ni, Cr, V) 25 ppm
 Class 2 (Cu, Mn) 250 ppm
 Class 3 (Fe, Zn) 1300 ppm

Order code	Package	Units/Box st.
191750.1611	1000 ml	6
191750.1612	2,5 l	4
191750.1214	5 l	4
191750.0716	25 l	
191750.0718	60 l	

Triethanolamine, 98% PS

C₆H₁₅NO₃

M: 149,19 CAS: 102-71-6 EINECS: 203-049-8 NC: 2922 13 10

1l~1,124kg 1kg~0,890l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Water (H₂O) 0,3 %

Order code	Package	Units/Box st.
161750.1211	1000 ml	6
161750.1214	5 l	4
161750.0716	25 l	

Triethylamine (Reag. USP) PA

C₆H₁₅N

M: 101,19 CAS: 121-44-8 EINECS: 204-469-4 NC: 2921 19 10 UN: 1296

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,727kg 1kg~1,376l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Density at 20/4 0,725-0,729
 Boiling range 89-90°C

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,0005 %
 ABS at λ 285 nm 1 % sol. in CH₃OH/CHCl₃ 0,01
 Water (H₂O) 0,1 %
 Ethanol (G.C.) 0,05 %
 Diethylamine (G.C.) 0,05 %
 Ca 0,00005 %
 Cd 0,000005 %
 Co 0,000002 %
 Cr 0,000002 %
 Cu 0,000002 %
 Fe 0,00001 %
 Mg 0,00001 %
 Mn 0,000002 %
 Ni 0,000002 %
 Pb 0,00001 %
 Zn 0,00001 %

Order code	Package	Units/Box st.
123542.1611	1000 ml	6

Triethylamine, 99,5% PS

C₆H₁₅N

M: 101,19 CAS: 121-44-8 EINECS: 204-469-4 NC: 2921 19 10 UN: 1296

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H332-H312-H302-H314

1l~0,727kg 1kg~1,376l

SPECIFICATIONS:

Minimum assay (G.C.) 99,5 %
 Identity IR p/t
 Density at 20/4 0,725-0,729
 Non-volatile matter 0,01 %
 Water (H₂O) 0,2 %

Order code	Package	Units/Box st.
163542.1611	1000 ml	6

Triethylene Glycol, 99% PS

(CH₂OCH₂CH₂OH)₂

M: 150,18 CAS: 112-27-6 EINECS: 203-953-2 NC: 2909 49 18

1l~1,123kg 1kg~0,890l

SPECIFICATIONS:

Minimum assay (G.C.) 99 %
 Identity IR p/t
 Density at 20/4 1,120-1,125
 Water (H₂O) 0,1 %

Order code	Package	Units/Box st.
15A882.1611	1000 ml	6
15A882.1612	2,5 l	4
15A882.1214	5 l	4
15A882.0716	25 l	

Triflic Acid

(see Trifluoromethansulphonic Acid)

2,2,2-Trifluoroacetamide, 98% PS

C₂H₂F₃NO

M: 113,04 CAS: 354-38-1 EINECS: 206-559-9 NC: 2924 19 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Minimum assay (G.C.) 98 %
 Identity IR p/t
 Melting range 68-75 °C

Order code	Package	Units/Box st.
15A615.1206	25 g	6

Trifluoroacetic Acid (UV) PAI

C₂HF₃O₂
 M: 114,02 CAS: 76-05-1 EINECS: 200-929-3 NC: 2915 90 80 UN: 2699
 IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
 Signal Word: Danger

H332-H314-H412

1l-1,489kg 1kg-0,671l

SPECIFICATIONS:
 Minimum assay (Acidim.).....99,8 %
 Identity.....IR p/t.

MAXIMUM LIMIT OF IMPURITIES
 APHA colour.....10
 Non-volatile matter.....0,001 %
 Water (H₂O).....0,1 %
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	260 (Cut off)	305	320	325-450
A (AU)	1,000	0,301	0,097	0,046
T (%)	10	50	80	90

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
363317.1608	100 ml	6

Trifluoroacetic Acid, 99% PS

C₂HF₃O₂
 M: 114,02 CAS: 76-05-1 EINECS: 200-929-3 NC: 2915 90 80 UN: 2699
 IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
 Signal Word: Danger

H332-H314-H412

1l-1,489kg 1kg-0,671l

SPECIFICATIONS:
 Minimum assay (Acidim.).....99 %
 Identity.....IR p/t.
 Water (H₂O).....0,3 %

Order code	Package	Units/Box st.
163317.1608	100 ml	6
163317.1611	1000 ml	6

Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI

CF₃COOD
 M: 115,03 CAS: 599-00-8 EINECS: 209-961-2 NC: 2845 90 10 UN: 2699
 IMDG: 8/I ADR: 8/I IATA: 8/I PAX: 807 CAO: 809
 Signal Word: Danger

H332-H314-H412

1l-1,50kg 1kg-0,67l

SPECIFICATIONS:
 Deuteration degree min.....99,5 %
 NMR suitability.....p/t.

MAXIMUM LIMIT OF IMPURITIES
 Water (H₂O+D₂O).....0,05 %

Order code	Package	Units/Box st.
745870.02130	10 x 0,75 ml	6
745870.1605	10 ml	6

Trifluoroacetic Acid Ethyl Ester

(see Ethyl Trifluoroacetate)

Trifluoroacetic Anhydride CG

for derivatization (GC)
 C₄F₆O₃
 M: 210,03 CAS: 407-25-0 EINECS: 206-982-9 NC: 2915 90 80 UN: 1760
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

EUH014-H332-H314-H412

1l-1,510kg 1kg-0,662l

SPECIFICATIONS:
 Minimum assay (G.C.).....99,5 %
 Identity.....IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
353316.0922	20 x 1 ml	6
353316.1905	10 ml	6

Trifluoroacetic Anhydride, 99% PS

C₄F₆O₃
 M: 210,03 CAS: 407-25-0 EINECS: 206-982-9 NC: 2915 90 80 UN: 1760
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

EUH014-H332-H314-H412

1l-1,510kg 1kg-0,662l

SPECIFICATIONS:
 Assay.....99 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
153316.1608	100 ml	6
153316.1610	500 ml	6

α,α,α-Trifluoroanisaldehyde

(see 4-(Trifluoromethoxy) Benzaldehyde)

α,α,α-Trifluoro-m-Cresol

(see 3-(Trifluoromethyl) Phenol)

2,2,2-Trifluoroethanol PS

C₂H₃F₆O
 M: 100,04 CAS: 75-89-8 EINECS: 200-913-6 NC: 2905 59 98 UN: 1986
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310 (D/E)
 Signal Word: Warning

H226-H302-H319-H335-H315

1l-1,390kg 1kg-0,719l

SPECIFICATIONS:
 Minimum assay (G.C.).....99 %
 Identity.....IR p/t.
 Density at 20/4.....1,389-1,392
 Water (H₂O).....0,2 %

Order code	Package	Units/Box st.
164527.1608	100 ml	6
164527.1609	250 ml	6
164527.1611	1000 ml	6

Trifluoromethansulphonic Acid, 99% PS

CHF₃O₃S
 M: 150,08 CAS: 1493-13-6 EINECS: 216-087-5 NC: 2904 90 20 UN: 3265
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812
 Signal Word: Danger

H314

1l-1,70kg 1kg-0,59l

SPECIFICATIONS:
 Assay.....99 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15A460.1605	10 ml	6
15A460.1607	50 ml	6

4-(Trifluoromethoxy) Benzaldehyde, 98% PS

C₈H₅F₃O₂
 M: 190,12 CAS: 659-28-9 EINECS: 211-531-4 NC: 2913 00 00
 Signal Word: Warning

H319-H335-H315

1l-1,331kg 1kg-0,751l

SPECIFICATIONS:
 Assay.....98 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15C081.1603	1 ml	6
15C081.1604	5 ml	6

3-(Trifluoromethyl) Benzaldehyde, 98% PS

C₈H₅F₃O
 M: 174,12 CAS: 454-89-7 EINECS: 207-228-1 NC: 2913 00 00
 Signal Word: Warning

H319-H335-H315

1l-1,301kg 1kg-0,769l

SPECIFICATIONS:
 Assay.....98 %
 Identity.....IR p/t.

Order code	Package	Units/Box st.
15C080.1604	5 ml	6
15C080.1606	25 ml	6

3-(Trifluoromethyl) Phenol, 98% PS

C₇H₅F₃O

M: 162,11 CAS: 98-17-9 EINECS: 202-645-5 NC: 2908 19 00

Signal Word: Warning



H319-H335-H315

1l~1,336kg 1kg~0,748l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B616.1606	25 ml	6
15B616.1608	100 ml	6

α,α,α-Trifluoro-m-Toluyaldehyde

(see 3-(Trifluoromethyl) Benzaldehyde)

1,1,2-Trifluorotrichloroethane

(see 1,1,2-Trichlorotrifluoroethane)

Triglycol

(see Triethylene Glycol)

2,2',2''-Trihydroxytriethylamine

(see Triethanolamine)

Triisopropylchlorosilane

(see Chlorotriisopropylsilane)

Triisopropylsilyl Chloride

(see Chlorotriisopropylsilane)

Triiodomethane

(see Iodoform)

2',4',6'-Trimethylacetophenone, 98% PS

C₁₁H₁₄O

M: 162,23 CAS: 1667-01-2 EINECS: 216-783-9 NC: 2914 39 00

1l~0,975kg 1kg~1,026l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15C010.1606	25 ml	6
15C010.1608	100 ml	6

endo-[1S]-1,7,7-Trimethylbicyclo-[2.2.1]-Heptane-2-ol

(see (-)-Borneol)

Trimethyl Borate azeotrope with methanol 70:30 PS

C₃H₈BO₃

M: 103,91 CAS: 121-43-7 EINECS: 204-468-9 NC: 3822 00 00 UN: 1992

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H311-H314-H301-H370

1l~0,899kg 1kg~1,112l

SPECIFICATIONS:

Minimum assay (Acidim.) w/w 70 %

Density at 20/4 0,883-0,915

Order code	Package	Units/Box st.
163258.1610	500 ml	6

Trimethylbromomethane

(see 2-Bromo-2-Methylpropane)

Trimethylchlorosilane

(see Chlorotrimethylsilane)

α,α,α,4-Trimethyl-3-Cyclohexene-1-Methanol

(see α-Terpineol)

Trimethylene Glycol

(see 1,3-Propanediol)

Trimethyl Ester Methyl Phosphate

(see Trimethyl Phosphate)

Trimethyliodosilane

(see Iodotrimethylsilane)

Trimethyloxonium tetra-Fluoroborate, 97% PS

C₃H₆BF₄O

M: 147,91 CAS: 420-37-1 EINECS: 206-994-4 NC: 2942 00 00 UN: 3131

IMDG: 4.3/I ADR: 4.3/I IATA: 4.3/I PAX: P CAO: 411

Signal Word: Danger



EUH014-H314

SPECIFICATIONS:

Minimum assay 97 %

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
15A229.1605	10 g	6

2,2,4-Trimethylpentane

(see Isooctane)

Trimethyl Phosphate, 99% PS

C₃H₉O₄P

M: 140,08 CAS: 512-56-1 EINECS: 208-144-8 NC: 2919 90 90

Signal Word: Warning



H340-H302-H351-H319-H315

1l~1,197kg 1kg~0,835l

SPECIFICATIONS:

Assay 99 %

Identity IR p/t.

Order code	Package	Units/Box st.
15B205.1608	100 ml	6
15B205.1610	500 ml	6

Trimethylsilylacetylene, 98% PS

C₅H₆Si

M: 98,22 CAS: 1066-54-2 EINECS: 213-919-9 NC: 2931 00 95 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l~0,700kg 1kg~1,429l

SPECIFICATIONS:

Assay 98 %

Identity IR p/t.

Order code	Package	Units/Box st.
15A324.1604	5 ml	6
15A324.1606	25 ml	6

Trimethylsilyl Chloride

(see Chlorotrimethylsilane)

N-(Trimethylsilyl) Diethylamine CG

for derivatization (GC)

M: 145,32 CAS: 996-50-9 EINECS: 213-637-6 NC: 2931 00 95 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H314

1l~0,767kg 1kg~1,304l

SPECIFICATIONS:

Minimum assay (G.C.) 95,0 %

Identity IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352615.0922	20 x 1 ml	6
352615.1905	10 ml	6
352615.2522	10 x 10 ml	6

N-(Trimethylsilyl) Imidazole CG

for derivatization (GC)

C₆H₁₀N₂Si

M: 140,26 CAS: 18156-74-6 EINECS: 242-040-3 NC: 2933 29 90 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226

1l~0,956kg 1kg~1,046l

SPECIFICATIONS:

Minimum assay (G.C.) 98 %

Identity IR p/t.

Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
352616.0922	20 x 1 ml	6
352616.1905	10 ml	6
352616.2522	10 x 10 ml	6

N-(Trimethylsilyl) Imidazole, 98% PS

$C_5H_{12}N_2Si$
 M: 140,26 CAS: 18156-74-6 EINECS: 242-040-3 NC: 2933 29 90 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning



H226
 1l-0,956kg 1kg-1,046l

SPECIFICATIONS:
 Minimum assay (G.C.) 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
152616.1606	25 ml	6
152616.1608	100 ml	6

Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG

for derivatization (GC)
 $(CH_3)_3SOH$
 M: 94,18 CAS: 17287-03-5 NC: 3822 00 00 UN: 1992
 IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307
 Signal Word: Danger



H225-H331-H311-H301-H370-H314

1l-0,810kg 1kg-1,235l
 Product bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
355585.0922	20 x 1 ml	6

2,4,6-Trinitrophenol

(see Picric Acid)

Triphenylchloromethane, 98% PS

$C_{19}H_{15}Cl$
 M: 278,78 CAS: 76-83-5 EINECS: 200-986-4 NC: 2908 19 00 UN: 1759
 IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 814 CAO: 816
 Signal Word: Danger



H314
SPECIFICATIONS:
 Minimum assay 98 %

Order code	Package	Units/Box st.
15A155.1606	25 g	6
15A155.1608	100 g	6
15A155.1610	500 g	6

(R)-1,1,2-Triphenyl-1,2-Ethanediol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-1,1,2-Triphenyl-1,2-Ethanediol

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Triphenylmethyl Chloride

(see Triphenylchloromethane)

(R)-Triphenyloxirane

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

(S)-Triphenyloxirane

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Triphenylphosphine, 99% PS

$C_{18}H_{15}P$
 M: 262,29 CAS: 603-35-0 EINECS: 210-036-0 NC: 2931 00 95
 Signal Word: Warning



H302-H317-H413

SPECIFICATIONS:
 Minimum assay 99 %

Order code	Package	Units/Box st.
15A367.1608	100 g	6
15A367.1610	500 g	6

Triphosgene, 98% PS

$(Cl_3CO)_2CO$
 M: 296,75 CAS: 32315-10-9 EINECS: 250-986-3 NC: 2920 90 10 UN: 2811
 IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607
 Signal Word: Danger



H330
SPECIFICATIONS:
 Assay 98 %
 Identity IR p/t.

Order code	Package	Units/Box st.
15A100.1604	5 g	6
15A100.1606	25 g	6

Tris

(see Tris (Hydroxymethyl) Aminomethane)

Tris Hydrochloride

(see Tris (Hydroxymethyl) Aminomethane Hydrochloride)

Tris (2-Hydroxyethyl) Amine

(see Triethanolamine)

Tris (Hydroxymethyl) Aminomethane EQP-ACS

Primary Chemical Matter
 $C_4H_{11}NO_3$
 M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80
 Signal Word: Warning



H319-H315
SPECIFICATIONS:
 Assay (Perchl.Ac.)(after dried at 105°C) 99,95-100,05%
 Identity IR p/t.
 Melting range 169-171°C
 pH of 0,05 mol/l sol. 10,2-10,6

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Residue on ignition (as SO₃) 0,01 %
 ABS at λ290 nm 40% sol. in water 0,2
 Chloride (Cl) 0,0005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00005 %
 Ca 0,001 %
 Cd 0,0001 %
 Co 0,0001 %
 Cr 0,0001 %
 Cu 0,0002 %
 Fe 0,0005 %
 K 0,001 %
 Mg 0,001 %
 Na 0,001 %
 Ni 0,0005 %
 Pb 0,0002 %
 Zn 0,0002 %

Order code	Package	Units/Box st.
241940.1521	10 x 1,5 g	6
241940.1608	100 g	6

Tris (Hydroxymethyl) Aminomethane PA-ACS

$C_4H_{11}NO_3$
 M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80
 Signal Word: Warning



H319-H315
SPECIFICATIONS:
 Assay (Acidim.) a.d.s 99,8-100,1%
 Identity IR p/t.
 Melting range 169-171°C
 pH of 0,05 mol/l solution 10,2-10,6

MAXIMUM LIMIT OF IMPURITIES
 Insoluble matter in H₂O 0,005 %
 Residue on ignition (as SO₃) 0,01 %
 Water (H₂O) 0,5 %
 ABS at λ290 nm 40% sol. in water 0,2
 Chloride (Cl) 0,0005 %
 Heavy metals (as Pb) 0,0005 %
 As 0,00005 %
 Ca 0,001 %
 Cd 0,0001 %
 Co 0,0001 %
 Cr 0,0001 %
 Cu 0,0002 %
 Fe 0,0005 %
 K 0,001 %
 Mg 0,001 %
 Na 0,001 %
 Ni 0,0005 %
 Pb 0,0002 %
 Zn 0,0002 %

Order code	Package	Units/Box st.
131940.1209	250 g	6
131940.1211	1000 g	6
131940.0914	5 kg	

Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₄H₁₁NO₃

M: 121,14 CAS: 77-86-1 EINECS: 201-064-4 NC: 2922 19 80

Signal Word: Warning



H319-H315

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....	99,0-100,5%
Identity according to Pharmacopoeias	p/t
Melting range.....	168-172°C
pH of 5% solution	10,0-11,5
Related substance (T.L.C)	p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O.....	0,025 %
Loss on drying at 105°C.....	0,5 %
Residue on ignition (as SO ₄).....	0,1 %
Chloride (Cl).....	0,003 %
Residual solvents (Ph.Eur./USP).....	p/t
Methanol.....	0,5 %
Heavy metals (as Pb).....	0,001 %
As	0,0001 %
Fe.....	0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd).....	10 ppm
Class 1B (Ir, Rh, Ru, Os).....	10 ppm
Class 1C (Mo, Ni, Cr, V).....	25 ppm
Class 2 (Cu, Mn).....	250 ppm
Class 3 (Fe, Zn).....	1300 ppm

Order code	Package	Units/Box st.
141940.1209	250 g	6
141940.1211	1000 g	6
141940.0914	5 kg	

Tris (Hydroxymethyl) Aminomethane Hydrochloride PA

C₄H₁₂ClNO₃

M: 157,60 CAS: 1185-53-1 EINECS: 214-684-5 NC: 2922 19 80

SPECIFICATIONS:

Minimum assay (Perchl. Ac.)	99 %
Identity.....	IR p/t
Melting range.....	150-152°C
pH of 5% solution	3,5-5,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O.....	0,01 %
Residue on ignition (as SO ₄).....	0,02 %
Water (H ₂ O).....	0,5 %
ABS at λ240 nm 10% sol. in H ₂ O	0,1
ABS at λ260 nm 10% sol. in H ₂ O	0,05
ABS at λ280 nm 10% sol. in H ₂ O	0,05
ABS at λ300 nm 10% sol. in H ₂ O	0,02
Sulphate (SO ₄)	0,005 %
Heavy metals (as Pb).....	0,0002 %
Cd.....	0,0005 %
Co.....	0,0005 %
Cr.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
Ni.....	0,0005 %
Pb.....	0,0005 %
Zn.....	0,0005 %

Order code	Package	Units/Box st.
123654.1208	100 g	6
123654.1209	250 g	6

Tris (1,10-Phenanthroline) Iron(II) Sulphate

(see Ferriin indicator solution)

Triton® X 100 PRS

(® Registered trade-mark of Dow Chemical) surfactant for automatical analysis

CAS: 9002-93-1 NC: 3402 13 00

Signal Word: Danger



H302-H318

1l-1,065kg 1kg-0,939l

SPECIFICATIONS:

Identity.....	IR p/t
Density at 20/4	1,060-1,070

Order code	Package	Units/Box st.
142314.1611	1000 ml	6
142314.1214	5 l	4
142314.0716	25 l	

Triton® X 405 solution 70% PRS

(® Registered trade-mark of Dow Chemical) surfactant for automatical analysis

CAS: 9002-93-1 NC: 3402 13 00

Signal Word: Danger



H302-H318

1l-1,105kg 1kg-0,905l

SPECIFICATIONS:

Identity.....	IR p/t
Density at 20/4	1,090-1,105

Order code	Package	Units/Box st.
142315.1211	1000 ml	6
142315.1214	5 l	4

Trityl Chloride

(see Triphenylchloromethane)

Trolamine

(see Triethanolamine)

Tromethamine

(see Tris (Hydroxymethyl) Aminomethane)

Tropaeolin 000 n° 2

(see Orange II)

Tropaeolin D

(see Methyl Orange)

Tropaeolin G

(see Metanil Yellow)

Tryptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₄)	15 %
Nitrogen, total	≥5 %

Order code	Package	Units/Box st.
403682.1210	500 g	6
403682.0914	5 kg	
403682.0416	25 kg	

L-Tryptophan PA

for the N determination in milk according to ISO 8968-3:2004

C₁₁H₁₂N₂O₂

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Assay (N Deter.)	98,5-100,0 %
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Order code	Package	Units/Box st.
122049.1206	25 g	6

L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₁₁H₁₂N₂O₂

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....	98,5-101,0%
Identity according to Pharmacopoeias	p/t
T.L.C.....	p/t
Specific rotation [α] ²⁵ /D c=1 (in H ₂ O)	-29,4 to -32,8°
Specific rotation [α] ²⁰ /D c=1 (in H ₂ O) calc. a.d.s.....	-30,0 to -33,0°
pH of 1% solution	5,5-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in HCl.....	p/t
Loss on drying at 105°C.....	0,3 %
Residue on ignition (as SO ₄).....	0,1 %
Residual solvents (Ph.Eur./USP).....	p/t
Impurity A and related substances Impurity A	0,001 %
Total imp. Tr < Tryptophan.....	0,01 %
Total imp. Tr > Tryptophan.....	0,03 %
Ammonium (NH ₄).....	0,02 %
Chloride (Cl).....	0,02 %
Sulphate (SO ₄)	0,03 %
Heavy metals (as Pb).....	0,001 %
As	0,00015 %
Cu.....	0,001 %
Fe.....	0,001 %
Ni.....	0,001 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
142049.1206	25 g	6
142049.1208	100 g	6

L-Tryptophan, 99% PS

C₁₁H₁₂N₂O₂

M: 204,23 CAS: 73-22-3 EINECS: 200-795-6 NC: 2933 99 90

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
152049.1606	25 g	6
152049.1608	100 g	6
152049.1610	500 g	6

Tryptose (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution 6,5-7,5

Loss on drying at 105°C 6 %

Residue on ignition (as SO₂) 15 %

Total Nitrogen ≥10 %

Order code	Package	Units/Box st.
403903.1210	500 g	6
403903.0914	5 kg	
403903.0416	25 kg	

TTC

(see 2,3,5-Triphenyl-2H-Tetrazolium Chloride)

TUBES NMR

Black caps for NMR tubes PAI

Order code	Package	Units/Box st.
745876.3422	100 un./pack	6

Tube 5TA (Throw away) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745872.3422	50 un./pack	6

Tube 5P (Precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745873.3422	50 un./pack	6

Tube 5HP (High precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745874.3422	5 un./pack	6

Tube 5UP (Ultra precision) 178 mm (NMR) PAI

Order code	Package	Units/Box st.
745875.3422	5 un./pack	6

Tungstophosphoric Acid

(see Phosphotungstic Acid hydrate)

TURBIDITY STANDARDS

(see Standards for Turbidity)

Türk's Liquor DC

for hematology, leucocytes

NC: 3822 00 00

1l-1,005kg 1kg-0,995l

Composition:

Acetic Acid Glacial 1,5 ml

Methylene Blue 1,3 mg

Water s.q.m 100 ml

Order code	Package	Units/Box st.
251390.1609	250 ml	6

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol (BP) PRS-CODEX

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

CE: 650-002-00-6

1l-0,861kg 1kg-1,161l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.

Density at 20/4 0,855-0,868

Refractive index n_D²⁰ 1,467-1,477

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in C₂H₅OH p/t.

Non-volatile matter 0,5 %

Residual solvents (Ph.Eur.) p/t.

Pine oil p/t.

Cu 0,00002 %

Fe 0,00005 %

Ni 0,00002 %

Pb 0,00002 %

Order code	Package	Units/Box st.
141302.1611	1000 ml	6
141302.1612	2,5 l	4
141302.1214	5 l	4
141302.0718	60 l	

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol (BP, Ph. Eur.) CODEX

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

1l-0,861kg 1kg-1,161l

SPECIFICATIONS:

Assay (as α-Pinene) (G.C.) 70,0-85,0 %

Assay (as β-Pinene) (G.C.) 11,0-20,0 %

Identity according to Pharmacopoeias p/t.

Density at 20/20 0,856-0,872

Refractive index n_D²⁰ 1,465-1,475

Specific rotation [α]_D²⁰ -40 to -28°

Camphene (G.C.) 0,5-1,5 %

β-Myrcene (G.C.) 0,4-1,5 %

Limonene (G.C.) 1,0-7,0 %

Longifolene (G.C.) 0,2-2,5 %

β-Caryophyllene (G.C.) 0,1-3,0 %

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 2,5 %

Acidity value 1,0

Peroxide value 20

Fatty oils and resinified essential oils p/t.

3-Carene (G.C.) 1,0 %

Caryophyllen oxide (G.C.) 1,0 %

Residual solvents (Ph.Eur.) p/t.

Order code	Package	Units/Box st.
191302.1611	1000 ml	6
191302.1612	2,5 l	4
191302.1214	5 l	4
191302.0716	25 l	
191302.0718	60 l	

Turpentine Oil stabilized with 100 ppm of DL-α-Tocopherol QP

CAS: 8006-64-2 EINECS: 232-350-7 NC: 3805 10 10 UN: 1299

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H226-H332-H312-H302-H319-H315-H317-H411-H304

1l-0,861kg 1kg-1,161l

SPECIFICATIONS:

Density at 20/4 0,855-0,868

Order code	Package	Units/Box st.
211302.1214	5 l	4
211302.0716	25 l	

Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as SO ₂)	0,2 %
Total ash	0,25%
Composition of fatty acids	p/t
Acidity value	2,0
Hydroxyl value	96-108
Peroxide value	10,0
Saponification value	40-50
Iodine value	5,0
Reducing Impurities	p/t
Residual solvents (Ph.Eur./USP)	p/t
Ethylene oxide	0,0001 %
Dioxan	0,001 %
Water (H ₂ O)	3,0 %
Heavy metals (as Pb)	0,001 %
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

Order code	Package	Units/Box st.
142312.1611	1000 ml 	6
142312.1214	5 l 	4
142312.0716	25 l 	

Tween® 20 (E-432) ADITIO

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	97,3 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	40-50
Hydroxyl value	96-108
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm
Specifications Dir. 2008/84/CE	

Order code	Package	Units/Box st.
202312.1214	5 l 	4
202312.0716	25 l 	

Tween® 20 PS

(® Registered trade-mark of ICI)

CAS: 9005-64-5 EINECS: 500-018-3 NC: 3402 13 00

1l~1,105kg 1kg~0,905l

SPECIFICATIONS:

Hydroxyl value	96-108
Saponification value	40-50

Order code	Package	Units/Box st.
162312.1611	1000 ml 	6
162312.1214	5 l 	4
162312.0716	25 l 	

Tween® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Identity according to Pharmacopoeias p/t.

Density at 25/25 1,06-1,09

Viscosity at 25°C 300-500 cSt

MAXIMUM LIMIT OF IMPURITIES

Total ash	0,25 %
Composition of fatty acids	p/t
Acidity value	2,0
Hydroxyl value	65-80
Peroxide value	10,0
Saponification value	45-55
Iodine value	18-24
Reducing impurities	p/t
Residual solvents (Ph.Eur./USP)	p/t
Ethylene Oxide	0,0001 %
Dioxan	0,001 %
Water (H ₂ O)	3,0 %
Heavy metals (as Pb)	0,001 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1300 ppm

Order code	Package	Units/Box st.
142050.1611	1000 ml 	6
142050.1214	5 l 	4
142050.0716	25 l 	

Tween® 80 (E-433) ADITIO

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Assay (calc. a.a.s.), not less than	96,5 %
Water (H ₂ O), not more than	3 %
Acidity value, not more than	2
Saponification value	45-55
Hydroxyl value	65-80
1,4-Dioxane, not more than	5 ppm
Ethylene Oxide, not more than	0,2 ppm
Ethylene Glycol (mono- and di-), not more than	0,25 %
Arsenic, not more than	3 ppm
Lead, not more than	5 ppm
Mercury, not more than	1 ppm
Cadmium, not more than	1 ppm
Specifications Dir. 2008/84/CE	

Order code	Package	Units/Box st.
202050.1214	5 l 	4
202050.0716	25 l 	

Tween® 80 PS

(® Registered trade-mark of ICI)

CAS: 9005-65-6 EINECS: 500-019-9 NC: 3402 13 00

1l~1,075kg 1kg~0,930l

SPECIFICATIONS:

Hydroxyl value	65-80
Saponification value	45-55

Order code	Package	Units/Box st.
162050.1611	1000 ml 	6
162050.1214	5 l 	4
162050.0716	25 l 	

L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₉H₉NO₃

M: 181,19 CAS: 60-18-4 EINECS: 200-460-4 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s99,0-101,0%
 Identity according to Pharmacopoeias p/t.
 T.L.C p/t.
 Specific rotation [α]_D²⁵ c=5 (in HCl 1 mol/l) -9,8 to -11,2°
 Specific rotation [α]_D²⁰ c=5 (in HCl 1 mol/l) calc. a.d.s -11,0 to -12,3°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in HCl 0,05 %
 Loss on drying at 105°C 0,3 %
 Residue on ignition (as SO₄) 0,1 %
 Residual solvents (Ph.Eur./USP) p/t.
 Chloride (Cl) 0,02 %
 Sulphate (SO₄) 0,03 %
 Ammonium (NH₄) 0,02 %
 Heavy metals (as Pb) 0,001 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code	Package	Units/Box st.
142077.1208	100 g	6

L-Tyrosine, 99% PS

C₉H₉NO₃

M: 181,19 CAS: 60-18-4 EINECS: 200-460-4 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay 99 %

Order code	Package	Units/Box st.
152077.1606	25 g	6
152077.1608	100 g	6

Uranine

(see Fluorescein Sodium)

URANIUM SOLUTIONS

(see Standards for ICP)

Uranyl Nitrate 6-hydrate PA-ACS

N₂O₅U₂·6H₂O

UO₂(NO₃)₂·6H₂O

M.= 502,13 CAS [13520-83-7] EINECS 233-266-3 NC: 2844 30 91

E.C.: 092-002-00-3 RTECS: YR 3850000 UN: 3086 ADR: 6.1/II

IMDG: 6.1/II IATA: 6.1/II PAX: 613 CAO: 615 (D/E)

Product controlled as dual purpose

Signal Word: Danger



H330-H300-H373-H411

SPECIFICATIONS:

Assay (Compl.)98,0-102,0%

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Oxidable by KMnO₄ [as U(IV)] 0,06 %
 Alkalis and alkaline-earths (as SO₄) 0,1 %
 Chloride (Cl) 0,002 %
 Sulphate (SO₄) 0,005 %
 Heavy metals (as Pb) 0,002 %
 Ca 0,005 %
 Cd 0,0005 %
 Co 0,0005 %
 Cu 0,0005 %
 Fe 0,001 %
 K 0,005 %
 Mg 0,0005 %
 Mn 0,0005 %
 Na 0,005 %
 Ni 0,001 %
 Pb 0,001 %
 Zn 0,005 %

Order code	Package	Units/Box st.
131753.2406	25 g	4

Urea crystal PA-ACS

NH₂CONH₂

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.)99,0-100,5 %
 IdentityIR p/t.
 Melting range 132-135°C

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
 Residue on ignition (as SO₄) 0,01 %
 Biuret 0,1 %
 Chloride (Cl) 0,0005 %
 Sulphate (SO₄) 0,001 %
 Heavy metals (as Pb) 0,001 %

Metals by ICP [mg/Kg (ppm)]

Ag 2	Fe 5	Si 2
Al 2	In 2	Sn 2
B 2	K 2	Sr 2
Ba 2	Mg 2	Ti 2
Be 2	Mn 5	Tl 2
Cd 5	Mo 2	V 2
Co 5	Ni 5	Zn 5
Cr 2	Pb 5	
Cu 5	Pt 2	

Order code Package Units/Box st.

131754.1210	500 g	6
131754.1211	1000 g	6
131754.0914	5 kg	4
131754.0416	25 kg	

Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX

NH₂CONH₂

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (N deter.) calc. a.d.s99,5-100,5%
 Identity according to Pharmacopoeias p/t.
 Melting range 132-134°C

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
 Insoluble matter in C₂H₅OH 0,04 %
 Loss on drying at 105°C 1,0 %
 Residue on ignition (as SO₄) 0,1 %
 Alkalinity p/t.
 Biuret 0,1 %
 Chloride (Cl) 0,007 %
 Sulphate (SO₄) 0,010 %
 Ammonium (NH₄) 0,05 %
 Heavy metals (as Pb) 0,001 %
 Residual solvents (Ph.Eur./USP) p/t.

Order code Package Units/Box st.

191754.1211	1000 g	6
191754.0914	5 kg	
191754.0416	25 kg	

Urea pearls PRS

NH₂CONH₂

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.) 98,5 %
 Identity IR p/t.
 Insoluble matter in H₂O 0,02 %
 Residue on ignition (as SO₄) 0,1 %
 Chloride (Cl) 0,005 %
 Sulphate (SO₄) 0,01 %
 Cu 0,001 %
 Fe 0,001 %
 Ni 0,001 %
 Pb 0,001 %

Order code Package Units/Box st.

146392.1210	500 g	6
146392.1211	1000 g	6
146392.0914	5 kg	
146392.0416	25 kg	

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Urea pearls, (E-927b, F.C.C.) ADITIO

NH₂CONH₂

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (as CH ₄ N ₂ O).....	99,0-100,5 %
Melting range.....	132-135°C
Insoluble matter in ethanol, not more than.....	0,04 %
Chloride (Cl), not more than.....	0,007 %
Lead, not more than.....	5 ppm
Loss on drying, not more than.....	1,0 %
Residue on ignition, not more than.....	0,1 %
Sulphate, not more than.....	0,01 %
Alkalinity.....	p/t
Ammonium (NH ₄), not more than.....	0,05 %
Biuret, not more than.....	0,1 %
Arsenic, not more than.....	3 ppm
Specifications Dir. 2008/84/CE, F.C.C. 6	

Order code	Package	Units/Box st.
206392.0914	5 kg	

Urea pearls, 98,5% PS

NH₂CONH₂

M: 60,06 CAS: 57-13-6 EINECS: 200-315-5 NC: 3102 10 10

SPECIFICATIONS:

Assay (Perchl. Ac.).....	98,5 %
Identity.....	IR p/t

Order code	Package	Units/Box st.
156392.1210	500 g	6
156392.0914	5 kg	

Urea Nitrate moistened with ~20% of H₂O PRS

NH₂CONH₂HNO₃

M: 123,07 CAS: 17687-37-5 EINECS: 241-672-7 NC: 3102 10 90 UN: 1357

IMDG: 4.1/I ADR: 4.1/I IATA: 4.1/I PAX: 416 CAO: 412

Signal Word: Warning



EUH001-H315

SPECIFICATIONS:

Assay (Acidim.).....	98 %
Insoluble matter in H ₂ O.....	0,025 %
Chloride (Cl).....	0,01 %
Sulphate (SO ₄).....	0,01 %
Cu.....	0,002 %
Fe.....	0,002 %
Ni.....	0,002 %
Pb.....	0,002 %
Analysis applied to the dry substance.	

Order code	Package	Units/Box st.
141756.1210	500 g	6
141756.0716	25 kg	

Uric Acid PRS

C₅H₄N₄O₃

M: 168,11 CAS: 69-93-2 EINECS: 200-720-7 NC: 2933 59 95

SPECIFICATIONS:

Assay (Determ of N).....	98 %
Identity.....	IR p/t
Insoluble matter in NaOH.....	p/t
Residue on ignition (as SO ₄).....	0,2 %
Ammonium.....	p/t
Water (H ₂ O).....	0,5 %

Order code	Package	Units/Box st.
141068.1605	10 g	6

Urotropine

(see Hexamethylenetetramine)

D-Valine, 99% PS

C₅H₁₁NO₂

M: 117,14 CAS: 640-68-6 EINECS: 211-368-9 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay.....	99 %
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Order code	Package	Units/Box st.
15A035.1604	5 g	6
15A035.1606	25 g	6

DL-Valine, 98% PS

C₅H₁₁NO₂

M: 117,14 CAS: 516-06-3 EINECS: 208-220-0 NC: 2922 42 00

SPECIFICATIONS:

Minimum assay.....	98 %
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Order code	Package	Units/Box st.
15A315.1606	25 g	6
15A315.1608	100 g	6

L-Valine (USP, BP, Ph. Eur.) PRS-CODEX

C₅H₁₁NO₂

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Assay (Perchl. Ac.) calc. a.d.s.....	98,5-101,0 %
Identity according to Pharmacopoeias.....	p/t
Specific rotation [α] ²⁰ /D c=8 (in HCl).....	+26,5 to +29,0°
Specific rotation [α] ²⁵ /D c=8 (in HCl).....	+26,6 to +28,8°
pH 5% solution.....	5,5-7,0
T.L.C.....	p/t

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t
Loss on drying at 105°C.....	0,3 %
Residue on ignition (as SO ₄).....	0,1 %
Organic volatile impurities.....	p/t
Ammonium (NH ₄).....	0,02 %
Chloride (Cl).....	0,02 %
Sulphate (SO ₄).....	0,03 %
Heavy metals (as Pb).....	0,001 %
Fe.....	0,001 %

Order code	Package	Units/Box st.
145044.1208	100 g	6

L-Valine (F.C.C.) ADITIO

C₅H₁₁NO₂

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Assay (as C ₅ H ₁₁ NO ₂) calc. a.d.s.....	98,5-101,5 %
Identification.....	IR p/t
Lead, not more than.....	5 ppm
Loss on drying, not more than.....	0,3 %
Residue on ignition, not more than.....	0,1 %
Specific rotation [α] ²⁰ /D calc. a.d.s.....	+26,7 to +29,0°
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
205044.1208	100 g	6
205044.1211	1 kg	6

L-Valine, 98% PS

C₅H₁₁NO₂

M: 117,15 CAS: 72-18-4 EINECS: 200-773-6 NC: 2922 50 00

SPECIFICATIONS:

Minimum assay.....	98 %
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Order code	Package	Units/Box st.
155044.1608	100 g	6
155044.1610	500 g	6

Vanadate-Molybdate Reagent RE

for determination of phosphates

NC: 3822 00 00 UN: 1760

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H314

1l-1,149kg 1kg-0,870l

Composition:

Ammonium Molybdate 4-hydrate.....	2,97 g
Ammonium meta-Vanadate.....	0,15 g
Sulphuric Acid 96%.....	14,2 ml
Water s.q.m.....	100 ml

Order code	Package	Units/Box st.
173333.1210	500 ml	6
173333.1211	1000 ml	6

Vanadic Anhydride

(see Vanadium(V) Oxide)

VANADIUM SOLUTIONS

(see Standards for ICP)

Vanadium(V) Oxide PRS

V₂O₅

M: 181,88 CAS: 1314-62-1 EINECS: 215-239-8 NC: 2825 30 00 UN: 2862

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H332-H302-H335-H341-H372-H411-H361D

SPECIFICATIONS:

Assay (Redox).....	99 %
Nitrogen compounds (as N)	0,01 %
Chloride (Cl).....	0,05 %
Sulphate (SO ₄)	0,05 %
As	0,005 %
Fe	0,02 %
Pb	0,005 %

Order code	Package	Units/Box st.
142909.1208	100 g	6
142909.1209	250 g	6

Vanadium Pentoxide

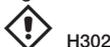
(see Vanadium(V) Oxide)

Van Gieson II solution DC

for microscopy

NC: 3822 00 00

Signal Word: Warning



H302

1l-1,002kg 1kg-0,998l

Composition:

Fuchsin Acid.....	0,1 g
Picric Acid moistened with-33% of H ₂ O.....	1,57 g
Hydrochloric Acid 35%	0,26 ml
Water s.q.m	100 ml

Order code	Package	Units/Box st.
253625.1610	500 ml	6

Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX

C₈H₈O₃

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (Acidim.) calc. a.d.s.....	99,0-101,0%
Identity according to Pharmacopoeias	p/t.
Melting range.....	81-83°C
T.L.C	p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t.
Insoluble matter in C ₂ H ₅ OH	p/t.
Loss on drying.....	1,0 %
Residue on ignition (as SO ₄)	0,05 %
Residual solvents (Ph.Eur./USP).....	p/t
Darkened substances by H ₂ SO ₄	p/t.
As	0,0001 %
Cu	0,001 %
Fe	0,001 %
Ni	0,001 %
Pb	0,001 %

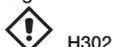
Order code	Package	Units/Box st.
142048.1208	100 g	6
142048.1210	500 g	6

Vanillin (F.C.C.) ADITIO

C₈H₈O₃

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00

Signal Word: Warning



H302

SPECIFICATIONS:

Assay (as C ₈ H ₈ O ₃) a.d.s., not less than.....	97,0 %
IR	p/t.
Loss on drying, not more than	0,5 %
Residue on ignition, not more than	0,05 %
Melting range.....	81-83°C
Specifications F.C.C. 6	

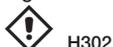
Order code	Package	Units/Box st.
202048.1211	1 kg	6
202048.0914	5 kg	

Vanillin, 99% PS

C₈H₈O₃

M: 152,15 CAS: 121-33-5 EINECS: 204-465-2 NC: 2912 41 00

Signal Word: Warning



H302

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity.....	IR p/t.
Melting range.....	81-83°C

Order code	Package	Units/Box st.
152048.1208	100 g	6
152048.1210	500 g	6

Vaseline Oil (IR) PAI

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85

1l-0,880kg 1kg-1,136l

SPECIFICATIONS:

Suitability for IR spectroscopy p/t.

Order code	Package	Units/Box st.
331003.1609	250 ml	6

Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85

1l-0,880kg 1kg-1,136l

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t.
Density at 20/20	0,827-0,890
Density at 25/25	0,845-0,905
Kinematic viscosity at 39,9-40,1°C	34,5-150,0 mm ² /s
Dynamic viscosity at 19,9-20,1°C	110 - 230 mPas

MAXIMUM LIMIT OF IMPURITIES

Darkened substances by H ₂ SO ₄	p/t.
Polynuclear Hydrocarbons	p/t.
Sulphur compounds.....	p/t.
Solid Paraffin	p/t.
Acidity or alkalinity.....	p/t.
Residual solvents (Ph.Eur./USP).....	p/t.

Order code	Package	Units/Box st.
141003.1211	1000 ml	6
141003.1212	2,5 l	4
141003.1214	5 l	4
141003.0716	25 l	
141003.0718	60 l	

Vaseline Oil (F.C.C.) ADITIO

CAS: 8012-95-1 EINECS: 232-384-2 NC: 2710 19 85

1l-0,880kg 1kg-1,136l

SPECIFICATIONS:

Easily carbonizable substances	p/t.
Polynuclear hydrocarbons.....	p/t.
Specific gravity	0,845-0,890
Kinematic viscosity at 40,0 °C, not less than	34,5 cSt
Lead, not more than	1 ppm
Specifications F.C.C. 6	

Order code	Package	Units/Box st.
201003.1214	5 l	4
201003.0716	25 l	

Vaseline Soft QP

for lubricating glass joints

CAS: 8009-03-8 EINECS: 295-456-2 NC: 2712 10 90

SPECIFICATIONS:

Identity..... IR p/t.
Free acids..... p/t.
Fatty acids, waxes and resins..... p/t.
Suspension matter..... p/t.

Order code	Package	Units/Box st.
211757.1207	50 g	6
211757.1209	250 g	6
211757.1211	1000 g	6
211757.0914	5 kg	
211757.0716	25 kg	

Veratronitrile

(see 3,4-Dimethoxybenzotrile)

Vesuvine

(see Bismarck Brown R)

Victoria Blue B (C.I. 44045) DC

for microscopy, bacteriology

C₃₃H₃₂ClN₃

M: 506,10 CAS: 2580-56-5 EINECS: 219-943-6 NC: 3204 13 00

SPECIFICATIONS:

Identity..... IR p/t.
λ of max. ABS in C₂H₅OH 50%..... 612-617 nm
A 1%; 1 cm; λ_{max}..... >1375
Ratio λ_{max}. P± 15 nm..... 1,02 - 1,10
T.L.C..... p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C..... 10 %

Order code	Package	Units/Box st.
251177.1605	10 g	6

Vinylbenzene

(see Styrene)

Vinyl Cyanide

(see Acrylonitrile)

Vitamin C

(see L(+)-Ascorbic Acid)

Vitamin M

(see Folic Acid)

VITROSEC

Vitrosec® dehydrating DC

(® Registered trade-mark of Panreac Química S.A.U.)

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225

1l-0,790kg 1kg-1,266l

Composition:

Ethanol absolute denatured with bitrex (v/v)..... 98,75 %
Methanol (v/v)..... 1,25 %

Order code	Package	Units/Box st.
256065.1211	1000 ml	6
256065.2714	5 l	4
256065.1315	10 l	(*)

Voges Proskauer A Reagent DC

NC: 3822 00 00 UN: 1993

IMDG: 3/II ADR: 3/II IATA: 3/II PAX: 305 CAO: 307

Signal Word: Danger



H225-H319

1l-0,900kg 1kg-1,111l

Composition:

1-Naphthol..... 50 g
Ethanol 70%..... 980 ml

Order code	Package	Units/Box st.
254833.1208	100 ml	6

Voges Proskauer B Reagent DC

NC: 3822 00 00 UN: 1719

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 809 CAO: 813

Signal Word: Danger



H302-H314

1l-1,29kg 1kg-0,78l

Composition:

Creatine..... 3 g
Potassium Hydroxide 40%..... 1000 ml

Order code	Package	Units/Box st.
254832.1208	100 ml	6

Water (TMA) HIPERPUR-PLUS

H₂O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

APHA colour..... 10
Chloride (Cl)..... 1 ppb
Phosphate (PO₄)..... 1 ppb
Sulphate (SO₄)..... 1 ppb

Metals by ICP (ppt)

Ag.....	10	Hf.....	1	Ru.....	10
Al.....	20	Hg.....	20	Sb.....	10
As.....	10	Ho.....	1	Sc.....	10
Au.....	10	In.....	1	Se.....	50
B.....	20	K.....	10	Sm.....	10
Ba.....	10	La.....	1	Sn.....	10
Be.....	10	Li.....	10	Sr.....	10
Bi.....	10	Lu.....	1	Ta.....	10
Ca.....	10	Mg.....	10	Tb.....	10
Cd.....	10	Mn.....	10	Te.....	1
Ce.....	10	Mo.....	10	Th.....	1
Co.....	10	Na.....	10	Ti.....	10
Cr.....	10	Nb.....	10	Tl.....	10
Cs.....	10	Nd.....	1	Tm.....	10
Cu.....	10	Ni.....	10	U.....	1
Dy.....	1	Pb.....	10	V.....	10
Er.....	1	Pd.....	10	W.....	10
Eu.....	1	Pr.....	10	Y.....	1
Fe.....	10	Pt.....	10	Yb.....	10
Ga.....	10	Rb.....	10	Zn.....	10
Gd.....	1	Re.....	10	Zr.....	10
Ge.....	10	Rh.....	10		

Order code	Package	Units/Box st.
711074.0010	500 ml	6
711074.0011	1000 ml	6

Water (HPLC-gradient grade) PAI

H₂O

M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10

1l-1,000kg 1kg-1,000l

SPECIFICATIONS:

MAXIMUM LIMIT OF IMPURITIES

Specific conductance at 25°C (Measured during production) ... 1 μS cm⁻¹
Non-volatile matter..... 0,0002 %
Colony count..... 25 cfu/ml
Gradient:

λ (nm)	210	254
A (mAU)	5	0,5

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 μm) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
221074.1611	1000 ml	6
221074.1612	2,5 l	4

Water (UV-HPLC) PAI-ACS

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
 Specific conductance at 25°C
 (Measured during production) 1,0x10⁻⁶ohm⁻¹cm⁻¹
 Non-volatile matter 0,0003 %
 Reducing substances to KMnO₄ p/t.
 Suitability for gradient acc. to ACS p/t.
 UV Spectrum (1 cm cell; Ref.: water)

λ (nm)	200	210	254	300-450
A (AU)	0,009	0,009	0,004	0,004
T (%)	98	98	99	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.
 Data of interest in HPLC:
 Rohrschneider Polarity 10,2
 For critical jobs, purge with nitrogen.

Order code	Package	Units/Box st.
361074.1611	1000 ml	6
361074.1612	2,5 l	4

Water (LC-MS) PAI

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
 Non-volatile matter 0,0001 %
 Chloride (Cl) 0,000001 %
 Fluoride (F) 0,000001 %
 Nitrate (NO₃) 0,00001 %
 Sulphate (SO₄) 0,00001 %
 Suitability for LC-MS p/t.
 Gradient:

λ (nm)	210	254
A (mAU)	5	0,1

UV Spectrum (1cm cell; Ref.: water)

λ (nm)	200	230
A (UA)	0,022	0,004
T (%)	95	99

Fluorescence (as quinine):

λ (nm)	254	365
ppb	1	0,5

Metals by ICP [mg/Kg (ppm)]

Ag 0,1	Fe 0,1
Al 0,5	K 0,1
Ba 0,1	Mg 0,1
Ca 0,1	Mn 0,02
Cd 0,05	Na 0,1
Co 0,02	Ni 0,02
Cr 0,02	Pb 0,1
Cu 0,02	Sn 0,1
	Zn 0,1

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

Order code	Package	Units/Box st.
701074.1611	1000 ml	6
701074.1612	2,5 l	4

Water (PAR) PAI

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
MAXIMUM LIMIT OF IMPURITIES
 Specific conductance at 25°C
 (Measured during production) 2,0x10⁻⁶ohm⁻¹cm⁻¹
 Non-volatile matter 0,0005 %
 Reducing substances to KMnO₄ p/t.
 Signal ECD of pesticide (Lindane to DDT) (as Lindane) 5 ng/l
 Signal PND of pesticide (Ethylparathion to Coumaphos)
 (as Ethylparathion) 5 ng/l

Order code	Package	Units/Box st.
321074.1611	1000 ml	6
321074.1612	2,5 l	4

Water PA-ACS

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
 pH 5-8

MAXIMUM LIMIT OF IMPURITIES
 Specific conductance at 25°C
 (Measured during production) 1,0x10⁻⁶ohm⁻¹cm⁻¹
 ABS at λ 254 nm in water, 1 cm 0,01
 Non-volatile matter 0,0001 %
 Residue on ignition 0,0002 %
 Reducing substances to KMnO₄ p/t.
 Chloride (Cl) 0,00001 %
 Phosphate (PO₄) 0,000005 %
 Nitrate (NO₃) 0,00002 %
 Silicate (SiO₂) 0,000001 %
 Sulphate (SO₄) 0,0001 %
 Ammonium (NH₄) 0,000001 %
 Heavy metals (as Pb) 0,000001 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,01	Cu 0,01	Ni 0,01
Al 0,02	Fe 0,01	Pb 0,01
As 0,05	Ga 0,01	Pt 0,01
Au 0,01	Ge 0,01	Sb 0,01
B 0,01	Hg 0,05	Se 0,01
Ba 0,01	In 0,01	Sn 0,01
Be 0,02	K 0,05	Sr 0,05
Bi 0,01	Li 0,02	Ti 0,01
Ca 0,1	Mg 0,05	Tl 0,01
Cd 0,01	Mn 0,01	V 0,01
Co 0,01	Mo 0,01	Zn 0,05
Cr 0,01	Na 0,1	Zr 0,01

Meet Specifications for water type 2 according to ISO:3696:1987. 'Water reagent for use in laboratory analysis'.

Order code	Package	Units/Box st.
131074.1211	1000 ml	6
131074.1212	2,5 l	4
131074.1214	5 l	4
131074.1315	10 l	(*)
131074.0716	25 l	
131074.0718	60 l	
131074.0719	200 l	

Water (BP, Ph. Eur.) PRS-CODEX

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
 Conductivity at 20°C (measured during production) 4,3 µS.cm⁻¹

MAXIMUM LIMIT OF IMPURITIES
 Appearance p/t.
 Acidity or alkalinity p/t.
 Non-volatile matter 0,001 %
 Residual solvents (Ph.Eur./USP) p/t.
 Oxidisable substances p/t.
 Calcium and Magnesium p/t.
 Chloride (Cl) p/t.
 Sulphate (SO₄) p/t.
 Ammonium (NH₄) 0,00002 %
 Nitrate (NO₃) 0,00002 %
 Microbial contamination:
 Total aerobic count 100 ufc/ml
 Heavy metals (as Pb) 0,00001 %
 Al 0,000001 %

Order code	Package	Units/Box st.
141074.1315	10 l	(*)

Water Deionized QP

H₂O
M: 18,016 CAS: 7732-18-5 EINECS: 231-791-2 NC: 2853 00 10
 1l-1,000kg 1kg-1,000l

SPECIFICATIONS:
 Chloride (Cl) 0,005 %
 Phosphate (PO₄) 0,005 %
 Sulphate (SO₄) 0,005 %

Order code	Package	Units/Box st.
212236.1214	5 l	4
212236.0716	25 l	
212236.0718	60 l	

(*) Sol-Pack pack with tap

Water Blue

(see Aniline Blue WS)

WATER STANDARDS

(see Standards for Water)

White Lead

(see Lead(II) Hydroxide Carbonate)

White Spirit PA

CAS: 8052-41-3 EINECS: 232-455-8 NC: 2710 11 21 UN: 1300

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H302

1l~0,780kg 1kg~1,282l

SPECIFICATIONS:

Density at 20/4 0,775-0,785

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter 0,005 %

Sulphur compounds 0,0003 %

Acidity 0,00002 meq/g

Water (H₂O) 0,02 %

Metals by ICP [mg/Kg (ppm)]

Ag 0,05	Fe 0,1	Pb 0,1
Al 0,5	Ga 0,02	Pt 0,02
As 0,05	Ge 0,05	S 0,5
Au 0,05	Hg 0,05	Sb 0,02
B 0,02	In 0,05	Si 0,2
Ba 0,1	K 0,5	Sn 0,1
Be 0,02	Li 0,05	Sr 0,2
Bi 0,05	Mg 0,1	Ti 0,02
Ca 0,5	Mn 0,02	Tl 0,02
Cd 0,05	Mo 0,02	V 0,02
Co 0,02	Na 0,5	Zn 0,1
Cr 0,02	Ni 0,02	Zr 0,0
Cu 0,02	P 0,2	

Order code	Package	Units/Box st.
123410.1611	1000 ml	6
123410.1612	2,5 l	4
123410.1616	25 l	

White Spirit PS

CAS: 8052-41-3 EINECS: 232-455-8 NC: 2710 11 21 UN: 1300

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H302

1l~0,780kg 1kg~1,282l

SPECIFICATIONS:

Density at 20/4 0,770-0,800

Acidity 0,0002 meq/g

Water (H₂O) 0,05 %

Order code	Package	Units/Box st.
163410.1611	1000 ml	6
163410.1612	2,5 l	4
163410.1714	5 l	4
163410.0616	25 l	

WIDE SPECTRUM MICROTABLETS

Wide Spectrum Microtablets I RE

for preserving milk samples. Tablets of 18 mg

NC: 3822 00 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H312-H302-H335-H315-H318-H410

Composition:

2-Bromo-2-Nitro-1,3-Propanediol 10 mg

Natamycin 0,45 mg

pH chromatic indicator 0,5 mg

Excipient 7,05 mg

Order code	Package	Units/Box st.
174748.1260	90 g	6

Wide Spectrum Microtablets II RE

for preserving milk samples. Tablets of 18 mg.

NC: 3822 00 00 UN: 2811

IMDG: 6.1/III ADR: 6.1/III IATA: 6.1/III PAX: 619 CAO: 619

Signal Word: Danger



H312-H302-H335-H315-H318-H410

Composition:

2-Bromo-2-Nitro-1,3-Propanediol 9,85 mg

Natamycin 0,9 mg

Sodium Chloride 6,21 mg

Magnesium Stearate 0,36 mg

Lactose 1-hydrate 0,18 mg

Sunset Yellow 0,5 mg

Order code	Package	Units/Box st.
175387.1260	90 g	6

Wieninger's Reagent

(see Kjeldahl Catalyst (Cu-Se))

Wijs Chloride

(see Iodine mono-Chloride)

Wijs' Reagent 0,1 mol/l (0,2N) RV

for determination of iodine index

NC: 3822 00 00 UN: 2920

IMDG: 8/II ADR: 8/II IATA: 8/II PAX: 808 CAO: 812

Signal Word: Danger



H226-H314

1l~1,063kg 1kg~0,941l

Composition:

Iodine mono-Chloride 1,8 g

Acetic Acid glacial s.q.m 100 ml

Order code	Package	Units/Box st.
281590.1610	500 ml	6
281590.1611	1000 ml	6

WINE STANDARDS

(see Standards for Wine)

WOLFRAM SOLUTIONS

(see Standards for ICP)

Wright's Solution

(see Eosin-Methylene Blue solution according to Leishman)

Wright's Staining

(see Eosin-Methylene Blue dye according to Leishman)

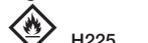
WSCP Kit RE

for the WSCP biocide determination. 80 tests

NC: 3822 00 00 UN: 1993

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Danger



H225

Comprised of:

2x60 ml WSCP, complexing solution

2x15 ml WSCP, indicator solution 1

2x15 ml WSCP, acid solution

2x30 ml WSCP, indicator solution 2

2x60 ml WSCP, titrating solution

2x50 ml Beaker

1x30 ml Plastic syringe

1x1 ml Plastic syringe

1 Instructions sheet

Order code	Package	Units/Box st.
175154.0922	pack	6

WSCP Kit Refill RE

40 tests
 NC: 3822 00 00 UN: 1993
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Danger

H225
 Comprised of:
 1x60 ml WSCP, complexing solution
 1x15 ml WSCP, indicator solution 1
 1x15 ml WSCP, acid solution
 1x30 ml WSCP, indicator solution 2
 1x60 ml WSCP, titrating solution

Order code	Package	Units/Box st.
175166.0922	pack	6

X-Gal

(see 5-Bromo-4-Chloro-3-Indolyl-β-D-Galactopyranoside)

**Xylene, mixture of isomers dry
 (max. 0,005% water) DS-ISO**

C₈H₁₀
 M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H312-H315

1l-0,865kg 1kg-1,156l
SPECIFICATIONS:
 Minimum assay (G.C.) [isomers mixture (C₈H₁₀)]..... 99,0 %
 Identity..... IR p/t
 Density at 20/4 0,862-0,864

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Non-volatile matter 0,001 %
 Benzene (G.C.) 0,05 %
 Ethylbenzene (G.C.) 30 %
 Toluene (G.C.) 0,1 %
 Darkened substances by H₂SO₄ p/t
 Sulphur compound (as CS₂) 0,0003 %
 Acidity 0,0001 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,005 %
 Thiophene (C₂H₄S) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	.....0,05	Fe	.....0,1	Pb	.....0,1
Al	.....0,5	Ga	.....0,02	Pt	.....0,02
As	.....0,05	Ge	.....0,05	S	.....0,2
Au	.....0,05	Hg	.....0,05	Sb	.....0,02
B	.....0,02	In	.....0,05	Si	.....0,2
Ba	.....0,1	K	.....0,1	Sn	.....0,1
Be	.....0,02	Li	.....0,05	Sr	.....0,2
Bi	.....0,05	Mg	.....0,1	Ti	.....0,02
Ca	.....0,5	Mn	.....0,02	Tl	.....0,02
Cd	.....0,05	Mo	.....0,02	V	.....0,02
Co	.....0,02	Na	.....0,5	Zn	.....0,1
Cr	.....0,02	Ni	.....0,02	Zr	.....0,02
Cu	.....0,02	P	.....0,2		

Order code	Package	Units/Box st.
481769.1611	1000 ml	6

**Xylene, mixture of isomers (Reag. Ph. Eur.)
 PA-ACS-ISO**

C₈H₁₀
 M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H312-H315

1l-0,865kg 1kg-1,156l
SPECIFICATIONS:
 Minimum assay (G.C.) [isomers mixture (C₈H₁₀)]..... 99,0 %
 Identity..... IR p/t
 Density at 20/4 0,862-0,864

MAXIMUM LIMIT OF IMPURITIES
 APHA colour 10
 Non-volatile matter 0,001 %
 Benzene (G.C.) 0,05 %
 Ethylbenzene (G.C.) 25 %
 Toluene (G.C.) 0,1 %
 Darkened substances by H₂SO₄ p/t
 Sulphur compound (as CS₂) 0,0003 %
 Acidity 0,0001 meq/g
 Alkalinity 0,0001 meq/g
 Water (H₂O) 0,03 %
 Thiophene (C₂H₄S) 0,0001 %

Metals by ICP [mg/Kg (ppm)]

Ag	.....0,05	Fe	.....0,1	Pb	.....0,1
Al	.....0,5	Ga	.....0,02	Pt	.....0,02
As	.....0,05	Ge	.....0,05	S	.....0,2
Au	.....0,05	Hg	.....0,05	Sb	.....0,02
B	.....0,02	In	.....0,05	Si	.....0,2
Ba	.....0,1	K	.....0,1	Sn	.....0,1
Be	.....0,02	Li	.....0,05	Sr	.....0,2
Bi	.....0,05	Mg	.....0,1	Ti	.....0,02
Ca	.....0,5	Mn	.....0,02	Tl	.....0,02
Cd	.....0,05	Mo	.....0,02	V	.....0,02
Co	.....0,02	Na	.....0,5	Zn	.....0,1
Cr	.....0,02	Ni	.....0,02	Zr	.....0,02
Cu	.....0,02	P	.....0,2		

Order code	Package	Units/Box st.
131769.1611	1000 ml	6
131769.2711	1000 ml	6
131769.1612	2,5 l	4
131769.0314	5 l	4
131769.0616	25 l	

Xylene, mixture of isomers PRS

C₈H₁₀
 M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
 IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
 Signal Word: Warning

H226-H332-H312-H315

1l-0,865kg 1kg-1,156l
SPECIFICATIONS:
 Assay (G.C.) (isomers mixture C₈H₁₀) 98 %
 Identity..... IR p/t
 Density at 20/4 0,862-0,864
 Non-volatile matter 0,01 %
 Acidity 0,0003 meq/g
 Alkalinity 0,00025 meq/g
 Water (H₂O) 0,05 %
 Thiophene (C₂H₄S) 0,0005 %
 Cu 0,00002 %
 Fe 0,00005 %
 Ni 0,00002 %
 Pb 0,00002 %

Order code	Package	Units/Box st.
141769.2711	1000 ml	6
141769.1612	2,5 l	4
141769.0314	5 l	4
141769.0616	25 l	

Xylene, 98,5% mixture of isomers PS

C₈H₁₀

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mix. C₈H₁₀).....98,5 %
Identity.....IR p/t
Density at 20/40,862-0,864
Non-volatile matter.....0,005 %
Water (H₂O).....0,05 %

Order code	Package	Units/Box st.
161769.2711	1000 ml	6
161769.1612	2,5 l	4
161769.1714	5 l	4
161769.0616	25 l	

Xylene, mixture of isomers QP

C₈H₁₀

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,865kg 1kg~1,156l

SPECIFICATIONS:

Assay (G.C.)(isomers mix. C₈H₁₀)97 %
Density at 20/40,862-0,867
Acidity.....0,003 meq/g
Water (H₂O).....0,1 %

Order code	Package	Units/Box st.
211769.2711	1000 ml	6
211769.1714	5 l	4
211769.0616	25 l	

Xylene, mixture of isomers DC

solvent for histology

C₈H₁₀

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,865kg 1kg~1,156l

SPECIFICATIONS:

Minimum assay (G.C.) [isomers mixture (C₈H₁₀)].....98,5 %
Identity.....IR p/t.

Order code	Package	Units/Box st.
251769.2711	1000 ml	6
251769.2714	5 l	4

Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO

C₈H₁₀(CH₃)₂

M: 106,17 CAS: 1330-20-7 EINECS: 215-535-7 NC: 2902 44 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,863kg 1kg~1,158l

SPECIFICATIONS:

Minimum assay (G.C.) (isomers mixture C₈H₁₀).....98,5 %
Identity.....IR p/t
Density at 20/40,862-0,864

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
Non-volatile matter.....0,001 %
Benzene (G.C.)0,1 %
Ethylbenzene (G.C.).....4 %
Toluene (G.C.).....0,4 %
Darkened substances by H₂SO₄.....p/t
Sulphur compounds (as CS₂)0,0003 %
Acidity.....0,0001 meq/g
Alkalinity0,0001 meq/g
Water (H₂O).....0,03 %
Thiophene (C₂H₄S)0,0001 %
Ca.....0,00005 %
Cd.....0,00005 %
Co.....0,000002 %
Cr.....0,000002 %
Cu.....0,000002 %
Fe.....0,00001 %
Mg.....0,00001 %
Mn.....0,000002 %
Ni.....0,000002 %
Pb.....0,00001 %
Zn.....0,00005 %

Order code	Package	Units/Box st.
135212.1611	1000 ml	6
135212.1612	2,5 l	4

Xylene, Substitute of

(see Isoparaffin H)

o-Xylene (Reag. USP, Ph. Eur.) PA

C₈H₁₀(CH₃)₂

M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,882kg 1kg~1,134l

SPECIFICATIONS:

Minimum assay (G.C.)99,0 %
Identity.....IR p/t
Density at 20/40,880-0,884
Refractive index n 20/D1,5040-1,5060

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....10
Non-volatile matter.....0,001 %
Benzene (G.C.)0,1 %
Ethylbenzene (G.C.).....0,1 %
Toluene (G.C.).....0,1 %
m-Xylene + p-Xylene (G.C.).....0,5 %
Darkened substances by H₂SO₄.....p/t
Sulphur compounds (as CS₂)0,0003 %
Acidity.....0,0002 meq/g
Alkalinity0,0002 meq/g
Water (H₂O).....0,05 %
Thiophene (C₂H₄S)0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag.....0,05	Fe.....0,1	Pb.....0,1
Al.....0,5	Ga.....0,02	Pt.....0,02
As.....0,05	Ge.....0,05	S.....0,2
Au.....0,05	Hg.....0,1	Sb.....0,02
B.....0,02	In.....0,05	Si.....0,2
Ba.....0,1	K.....0,1	Sn.....0,1
Be.....0,02	Li.....0,05	Sr.....0,2
Bi.....0,05	Mg.....0,1	Ti.....0,02
Ca.....0,5	Mn.....0,02	Tl.....0,02
Cd.....0,05	Mo.....0,02	V.....0,02
Co.....0,02	Na.....0,5	Zn.....0,1
Cr.....0,02	Ni.....0,02	Zr.....0,02
Cu.....0,02	P.....0,2	

Order code	Package	Units/Box st.
122767.1611	1000 ml	6

o-Xylene PRS

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,882kg 1kg-1,134l

SPECIFICATIONS:

Assay (G.C.).....	98 %
Identity.....	IR p/t
Density at 20/4.....	0,880-0,884
Non-volatile matter.....	0,01 %
m-Xylene + p-Xylene (G.C.).....	1 %
Acidity.....	0,0003 meq/g
Alkalinity.....	0,00025 meq/g
Water (H ₂ O).....	0,05 %
Thiophene (C ₄ H ₄ S).....	0,0005 %
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code	Package	Units/Box st.
142767.1611	1000 ml 	6

o-Xylene, 99% PS

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 95-47-6 EINECS: 202-422-2 NC: 2902 41 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,882kg 1kg-1,134l

SPECIFICATIONS:

Minimum assay (G.C.).....	99 %
Identity.....	IR p/t
Density at 20/4.....	0,880-0,884
Water (H ₂ O).....	0,05 %

Order code	Package	Units/Box st.
162767.1611	1000 ml 	6
162767.1612	2,5 l 	4
162767.0616	25 l 	

m-Xylene (Reag. Ph. Eur.) PA

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,867kg 1kg-1,153l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,0 %
Identity.....	IR p/t
Density at 20/4.....	0,864-0,870

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,001 %
Benzene (G.C.).....	0,05 %
Ethylbenzene (G.C.).....	0,1 %
Toluene (G.C.).....	0,05 %
o-Xylene (G.C.).....	0,3 %
p-Xylene (G.C.).....	0,2 %
Darkened substances by H ₂ SO ₄	p/t
Sulphur compounds (as CS ₂).....	0,0003 %
Acidity.....	0,0002 meq/g
Alkalinity.....	0,0002 meq/g
Water (H ₂ O).....	0,05 %
Thiophene (C ₄ H ₄ S).....	0,0002 %
Ca.....	0,00005 %
Cd.....	0,000005 %
Co.....	0,000002 %
Cr.....	0,000002 %
Cu.....	0,000002 %
Fe.....	0,00001 %
Mg.....	0,00001 %
Mn.....	0,000002 %
Ni.....	0,000002 %
Pb.....	0,00001 %
Zn.....	0,00001 %

Order code	Package	Units/Box st.
122768.1611	1000 ml 	6

m-Xylene PRS

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,867kg 1kg-1,153l

SPECIFICATIONS:

Assay (G.C.).....	98 %
Identity.....	IR p/t
Density at 20/4.....	0,864-0,870
Non-volatile matter.....	0,01 %
Ethylbenzene (G.C.).....	0,2 %
Toluene (G.C.).....	0,1 %
o-Xylene (G.C.).....	0,5 %
p-Xylene (G.C.).....	0,3 %
Acidity.....	0,0003 meq/g
Alkalinity.....	0,00025 meq/g
Water (H ₂ O).....	0,05 %
Thiophene (C ₄ H ₄ S).....	0,0005 %
Cu.....	0,00002 %
Fe.....	0,00005 %
Ni.....	0,00002 %
Pb.....	0,00002 %

Order code	Package	Units/Box st.
142768.1611	1000 ml 	6

m-Xylene, 98,5% PS

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 108-38-3 EINECS: 203-576-3 NC: 2902 42 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,867kg 1kg-1,153l

SPECIFICATIONS:

Minimum assay (G.C.).....	98,5 %
Identity.....	IR p/t
Density at 20/4.....	0,864-0,870
Water (H ₂ O).....	0,05 %

Order code	Package	Units/Box st.
162768.1611	1000 ml 	6
162768.1612	2,5 l 	4

p-Xylene (Reag. USP) PA

C₈H₁₀(CH₃)₂
M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307
IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310
Signal Word: Warning

  H226-H332-H312-H315
1l-0,862kg 1kg-1,16l

SPECIFICATIONS:

Minimum assay (G.C.).....	99,0 %
Identity.....	IR p/t
Density at 20/4.....	0,860-0,864
Refractive Index n _D ²⁰	1,493-1,497

MAXIMUM LIMIT OF IMPURITIES

APHA colour.....	10
Non-volatile matter.....	0,001 %
Benzene (G.C.).....	0,05 %
Ethylbenzene (G.C.).....	0,1 %
Toluene (G.C.).....	0,1 %
m-Xylene (G.C.).....	0,2 %
o-Xylene (G.C.).....	0,2 %
Darkened substances by H ₂ SO ₄	p/t
Sulphur compounds (as CS ₂).....	0,0003 %
Acidity.....	0,0002 meq/g
Alkalinity.....	0,0002 meq/g
Water (H ₂ O).....	0,05 %
Thiophene (C ₄ H ₄ S).....	0,0002 %

Metals by ICP [mg/Kg (ppm)]

Ag.....	0,05	Fe.....	0,1	Pb.....	0,1
Al.....	0,5	Ga.....	0,02	Pt.....	0,02
As.....	0,05	Ge.....	0,05	S.....	0,2
Au.....	0,05	Hg.....	0,1	Sb.....	0,02
B.....	0,02	In.....	0,05	Si.....	0,2
Ba.....	0,1	K.....	0,1	Sn.....	0,1
Be.....	0,02	Li.....	0,05	Sr.....	0,2
Bi.....	0,05	Mg.....	0,1	Ti.....	0,02
Ca.....	0,5	Mn.....	0,02	Tl.....	0,02
Cd.....	0,05	Mo.....	0,02	V.....	0,02
Co.....	0,02	Na.....	0,5	Zn.....	0,1
Cr.....	0,02	Ni.....	0,02	Zr.....	0,02
Cu.....	0,02	P.....	0,2		

Order code	Package	Units/Box st.
122769.1611	1000 ml 	6

p-Xylene PRS

C₈H₁₀(CH₃)₂

M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,862kg 1kg-1,16l

SPECIFICATIONS:

Assay (G.C.)	98 %
Identity	IR p/t
Density at 20/4	0,860-0,864
Non-volatile matter	0,01 %
Ethylbenzene (G.C.)	0,2 %
Toluene (G.C.)	0,2 %
m-Xylene (G.C.)	0,5 %
o-Xylene (G.C.)	0,5 %
Acidity	0,0003 meq/g
Alkalinity	0,00025 meq/g
Water (H ₂ O)	0,05 %
Thiophene (C ₄ H ₄ S)	0,0005 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %

Order code	Package	Units/Box st.
142769.1611	1000 ml	6

p-Xylene, 99% PS

C₈H₁₀(CH₃)₂

M: 106,17 CAS: 106-42-3 EINECS: 203-396-5 NC: 2902 43 00 UN: 1307

IMDG: 3/III ADR: 3/III IATA: 3/III PAX: 309 CAO: 310

Signal Word: Warning



H226-H332-H312-H315

1l-0,862kg 1kg-1,16l

SPECIFICATIONS:

Minimum assay (G.C.)	99 %
Identity	IR p/t
Density at 20/4	0,860-0,864
Water (H ₂ O)	0,05 %

Order code	Package	Units/Box st.
162769.1611	1000 ml	6
162769.1612	2,5 l	4
162769.0616	25 l	

3,5-Xylenol

(see 3,5-Dimethylphenol)

Xylenol Orange Tetrasodium Salt PA-ACS

for complexometry

C₂₁H₂₈O₁₃N₄Na₄

M: 760,60 CAS: 3618-43-7 EINECS: 222-805-8 NC: 3204 12 00

SPECIFICATIONS:

Identity	IR p/t
T.L.C	p/t

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	p/t
Loss on drying at 110°C	7 %
Suitability as complexometric indicator	p/t

Order code	Package	Units/Box st.
132617.1603	1 g	6
132617.1604	5 g	6

Xylol

(see Xylene, mixture of isomers)

D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX

C₅H₁₀O₅

M: 150,13 CAS: 58-86-6 EINECS: 200-400-7 NC: 2940 00 00

SPECIFICATIONS:

Identity according to Pharmacopoeias	p/t
Specific rotation [α] _D ²⁰ c=10 (in H ₂ O) calc. a.d.s.	+18,5 to +19,5°

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution	p/t
Insoluble matter in H ₂ O	p/t
Loss on drying at 105°C	0,5 %
Residue on ignition (as SO ₂)	0,1 %
Residual solvents (Ph.Eur./USP)	p/t
Acidity or alkalinity	p/t
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,01 %
Heavy metals (as Pb)	0,002 %
As	0,0001 %
Cu	0,002 %
Fe	0,002 %
Ni	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
142080.1208	100 g	6
142080.1209	250 g	6

Yeast Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,0-8
Loss on drying at 105°C	10 %
Residue on ignition (as SO ₂)	16 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403687.1210	500 g	6
403687.0914	5 kg	
403687.0416	25 kg	

Yellow Primary Solution (BP, Ph. Eur.) PA

for determination of the coloration grade in liquids.

NC: 3822 00 00

1l-1,030kg 1kg-0,971l

SPECIFICATIONS:

Assay (as FeCl ₃ .6H ₂ O)	44,95-45,05 g/l
ABS at λ 400 nm in H ₂ O	0,720-0,740

Order code	Package	Units/Box st.
125415.1208	100 ml	6

YTTERBIUM SOLUTIONS

(see Standards for ICP)

YTTRIUM SOLUTIONS

(see Standards for ICP)

N-Z-L-Alanine, 98% PS

C₃H₇NO₂

M: 223,22 CAS: 1142-20-7 EINECS: 214-532-8 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %
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Order code	Package	Units/Box st.
15A375.1604	5 g	6
15A375.1606	25 g	6

N-α-Z-L-Arginine, 98% PS

C₆H₁₂N₄O₄

M: 308,33 CAS: 1234-35-1 EINECS: 214-973-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %
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Order code	Package	Units/Box st.
15A553.1604	5 g	6
15A553.1606	25 g	6

N-Z-L-Aspartic Acid, 98% PS

C₄H₇NO₄

M: 267,23 CAS: 1152-61-0 EINECS: 214-568-4 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay	98 %
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Order code	Package	Units/Box st.
15A555.1604	5 g	6
15A555.1606	25 g	6

Zeleny's Reagent RV

for determination of the sedimentation grade in wheat meal according to ISO 5529:1992(L(+)-Lactic Acid 4,5% v/v; 2-Propanol 20% v/v; Water)

NC: 3822 00 00

Signal Word: Warning



H319-H315

1l-0,985kg 1kg-1,015l

SPECIFICATIONS:

Concentration	0,50±0,005 mol/l
Density at 15/15	0,984-0,986

Order code	Package	Units/Box st.
286079.1211	1000 ml	6

Zenker's Fixing DC

for microscopy

NC: 3822 00 00 UN: 3287

IMDG: 6.1/II ADR: 6.1/II IATA: 6.1/II PAX: 611 CAO: 618

Signal Word: Danger



H311-H319-H315-H373-H350i-H340-H411

1l-1,065kg 1kg-0,939l

Composition:

Mercury(II) Chloride5 g
Potassium Dichromate2,5 g
Sodium Sulphate anhydrous1 g
Water s.q.m100 ml

Order code	Package	Units/Box st.
254990.1210	500 ml	6

N-Z-L-Glutamic Acid, 98% PS

C₁₃H₁₅NO₅

M: 281,26 CAS: 1155-62-0 EINECS: 214-584-1 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A556.1604	5 g	6
15A556.1606	25 g	6

Zinc metal, powder PRS

Zn

M: 65,38 CAS: 7440-66-6 EINECS: 231-175-3 NC: 7903 90 00 UN: 1436

IMDG: 4.3/III ADR: 4.3/III IATA: 4.3/III PAX: 419 CAO: 420

Signal Word: Danger



H228-H260-H410

SPECIFICATIONS:

Assay (Compl.)96 %
Insoluble matter in HCl0,05 %
Nitrogen compounds (as N)0,01 %
As0,00001 %
Cd0,05 %
Fe0,005 %
Pb0,01 %

Order code	Package	Units/Box st.
141783.1610	500 g	6
141783.1611	1000 g	6
141783.1214	5 kg	6
141783.0416	25 kg	

ZINC SOLUTIONS

(see Standards for Atomic Absorption and ICP)

Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS

Zn(CH₃COO)₂·2H₂O

M: 219,49 CAS: 5970-45-6 EINECS: 209-170-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)99,5-101,0 %
pH of 5% solution 6,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Alkali and alkaline-earth salts 0,1 %
Nitrogen compounds (as N) 0,005 %
Chloride (Cl) 0,0005 %
Nitrate (NO₃) 0,005 %
Sulphate (SO₄) 0,002 %
As 0,00005 %
Ca 0,005 %
Cd 0,001 %
Cu 0,001 %
Fe 0,0005 %
K 0,01 %
Mg 0,005 %
Mn 0,001 %
Na 0,01 %
Pb 0,001 %

Order code	Package	Units/Box st.
131775.1210	500 g	6
131775.1211	1000 g	6
131775.1214	5 kg	4
131775.0416	25 kg	

Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

Zn(CH₃COO)₂·2H₂O

M: 219,49 CAS: 5970-45-6 EINECS: 209-170-2 NC: 2915 29 00

SPECIFICATIONS:

Assay (Compl.)99,0-101,0 %
Identity according to Pharmacopoeias p/t.
pH of 5% solution 6,0-7,0

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t.
Insoluble matter in H₂O 0,005 %
Residual solvents (Ph.Eur./USP) 0,2 %
Chloride (Cl) 0,005 %
Sulphate (SO₄) 0,010 %
Alkali and alkaline-earth salts 0,2 %
Reducing substances p/t.
Al 0,0005 %
As 0,0002 %
Ca 0,03 %
Cd 0,0002 %
Cu 0,005 %
Fe 0,001 %
Pb 0,001 %

Order code	Package	Units/Box st.
141775.1210	500 g	6
141775.1211	1000 g	6
141775.1214	5 kg	4
141775.0416	25 kg	

Zinc Bromide, 98% PS

ZnBr₂

M: 225,19 CAS: 7699-45-8 EINECS: 231-718-4 NC: 2827 59 00 UN: 1759

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H314

SPECIFICATIONS:

Minimum assay 98 %

Order code	Package	Units/Box st.
15A887.1608	100 g	6
15A887.1610	500 g	6

Zinc Carbonate Basic

(see Zinc Hydroxide Carbonate)

Zinc Chloride PA-ACS

ZnCl₂

M: 136,28 CAS: 7646-85-7 EINECS: 231-592-0 NC: 2827 39 85 UN: 2331

IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H410

SPECIFICATIONS:

Minimum assay (Arg.) 97,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in HCl 0,005 %
Oxychloride p/t.
Nitrate (NO₃) 0,003 %
Sulphate (SO₄) 0,01 %
Ammonium (NH₄) 0,005 %
Ca 0,06 %
Cd 0,0005 %
Co 0,0005 %
Cr 0,0005 %
Cu 0,0005 %
Fe 0,001 %
K 0,02 %
Mg 0,005 %
Mn 0,001 %
Na 0,05 %
Ni 0,0005 %
Pb 0,001 %

Order code	Package	Units/Box st.
131779.1210	500 g	6
131779.1211	1000 g	6
131779.1214	5 kg	4

Zinc Chloride PRS

ZnCl₂

M: 136,28 CAS: 7646-85-7 EINECS: 231-592-0 NC: 2827 39 85 UN: 2331
IMDG: 8/III ADR: 8/III IATA: 8/III PAX: 822 CAO: 823

Signal Word: Danger



H302-H314-H410

SPECIFICATIONS:

Assay (Compl.)	97 %
Insoluble matter in HCl	0,05 %
Sulphate (SO ₄)	0,05 %
Fe	0,002 %
Pb	0,002 %

Order code	Package	Units/Box st.
141779.1210	500 g	6
141779.1211	1000 g	6
141779.1214	5 kg	4

Zinc Cyanide PRS

Zn(CN)₂

M: 117,42 CAS: 557-21-1 EINECS: 209-162-9 NC: 2837 19 00 UN: 1713
IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H330-H310-H300-EUH032-H410

SPECIFICATIONS:

Assay (Compl.)	98 %
Sulphate (SO ₄)	0,1 %
Fe	0,005 %

Order code	Package	Units/Box st.
141778.1209	250 g	6
141778.1214	5 kg	
141778.0716	25 kg	

Zinc Hydroxide Carbonate QP

2ZnCO₃·3Zn(OH)₂

M: 549,02 CAS: 5263-02-5 EINECS: 226-076-7 NC: 2836 99 17

SPECIFICATIONS:

Assay (as Zn)(Compl.)	48 %
Insoluble matter in H ₂ SO ₄	0,05 %
Chloride (Cl)	0,01 %
Nitrate (NO ₃)	0,01 %
Sulphate (SO ₄)	0,05 %
As	0,0003 %
Fe	0,01 %
Pb	0,01 %

Order code	Package	Units/Box st.
211777.1210	500 g	6
211777.1211	1000 g	6
211777.0914	5 kg	
211777.0416	25 kg	

Zinc Nitrate 6-hydrate PA

Zn(NO₃)₂·6H₂O

M: 297,47 CAS: 10196-18-6 EINECS: 231-943-8 NC: 2834 29 80 UN: 1514
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	98,0-102,0%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ O	0,005 %
Alkali and alkaline-earth salts	0,25 %
Chloride (Cl)	0,002 %
Sulphate (SO ₄)	0,01 %
Ammonia (NH ₃)	0,01 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,001 %
Mg	0,002 %
Ni	0,0005 %
Pb	0,005 %

Order code	Package	Units/Box st.
121784.1210	500 g	6
121784.1211	1000 g	6
121784.1214	5 kg	4

Zinc Nitrate 6-hydrate PRS

Zn(NO₃)₂·6H₂O

M: 297,47 CAS: 10196-18-6 EINECS: 231-943-8 NC: 2834 29 80 UN: 1514
IMDG: 5.1/II ADR: 5.1/II IATA: 5.1/II PAX: 508 CAO: 511

Signal Word: Danger



H272-H302-H319-H335-H315

SPECIFICATIONS:

Assay (Compl.)	98-102 %
Insoluble matter in H ₂ O	0,025 %
Chloride (Cl)	0,01 %
Sulphate (SO ₄)	0,03 %
Ammonia (NH ₃)	0,05 %
Cu	0,002 %
Fe	0,003 %
Ni	0,002 %
Pb	0,01 %

Order code	Package	Units/Box st.
141784.1210	500 g	6
141784.1211	1000 g	6
141784.1214	5 kg	4
141784.0416	25 kg	

Zincon PA

for photometric determination of Copper and Zinc

C₂₀H₁₅N₄NaO₆S·H₂O

M: 480,43 CAS: 62625-22-3 EINECS: 263-651-1 NC: 2928 00 90

SPECIFICATIONS:

Identity	IR p/t
λ of max. ABS in NaOH 0,001 mol/l	490-495 nm
A 1%, 1 cm, λ _{max}	>375
T.L.C	p/t

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 135°C	10 %
Sensitivity as complexometric indicator	p/t

Order code	Package	Units/Box st.
122667.1603	1 g	6
122667.1604	5 g	6

Zinc Oxide EQP-ACS

Primary Chemical Matter

ZnO

M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Warning



H410

SPECIFICATIONS:

Assay (Compl.) after drying at 130°C	99,95-100,05%
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MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ SO ₄	0,01 %
Alkalinity	p/t
Sulphur compounds (as SO ₄)	0,01 %
Chloride (Cl)	0,001 %
Nitrate (NO ₃)	0,002 %
As	0,0001 %
Ca	0,005 %
Cd	0,002 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,005 %
Mg	0,005 %
Mn	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,005 %

Order code	Package	Units/Box st.
241786.1521	10 x 1,5 g	6
241786.1608	100 g	6

Zinc Oxide PA-ACS

ZnO
 M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H410

SPECIFICATIONS:
 Minimum assay (Compl.) 99,0 %

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H ₂ SO ₄	0,01 %
Alkalinity.....	p/t
Sulphur compounds (as SO ₄).....	0,01 %
Chloride (Cl).....	0,001 %
Nitrate (NO ₃).....	0,002 %
As.....	0,0001 %
Ca.....	0,005 %
Cd.....	0,002 %
Co.....	0,0005 %
Cu.....	0,0005 %
Fe.....	0,0005 %
K.....	0,005 %
Mg.....	0,005 %
Mn.....	0,0005 %
Na.....	0,005 %
Ni.....	0,0005 %
Pb.....	0,005 %

Order code	Package	Units/Box st.
131786.1210	500 g	6
131786.1211	1000 g	6
131786.0914	5 kg	
131786.0416	25 kg	

Zinc Oxide PRS

ZnO
 M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H410

SPECIFICATIONS:
 Assay (Compl.) 98 %
 Insoluble matter in H₂SO₄..... 0,05 %
 Sulphur compounds (as SO₄)..... 0,05 %
 Chloride (Cl)..... 0,005 %
 As..... 0,0005 %
 Ca..... 0,1 %
 Cu..... 0,01 %
 Fe..... 0,003 %
 Mg..... 0,1 %
 Ni..... 0,01 %
 Pb..... 0,01 %

Order code	Package	Units/Box st.
141786.1210	500 g	6
141786.1211	1000 g	6
141786.0914	5 kg	
141786.0416	25 kg	

Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX

ZnO
 M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H410

SPECIFICATIONS:
 Assay (Compl.) (calc. a.i.s.) 99,0-100,5 %
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition at 500°C.....	1,0 %
Residual solvents (Ph.Eur./USP).....	p/t.
Alkalinity.....	p/t.
Carbonate and insoluble substances in acid.....	p/t.
Iron and other heavy metals.....	p/t.
As.....	0,0005 %
Cd.....	0,0010 %
Fe.....	0,02 %
Pb.....	0,0050 %

Order code	Package	Units/Box st.
191786.1210	500 g	6
191786.1211	1000 g	6
191786.0914	5 kg	
191786.0416	25 kg	

Zinc Oxide (F.C.C.) ADITIO

ZnO
 M: 81,39 CAS: 1314-13-2 EINECS: 215-222-5 NC: 2817 00 00 UN: 3077
 IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
 Signal Word: Warning



H410

SPECIFICATIONS:
 Assay (as ZnO) after ignition, not less than..... 99,0 %
 Alkalinity..... p/t.
 Cadmium, not more than 3 ppm
 Lead, not more than 10 ppm
 Loss on ignition, not more than..... 1,0 %
 Substances not precipitated by sulphide, not more than 0,5 %
 Specifications F.C.C. 6

Order code	Package	Units/Box st.
201786.0416	25 kg	

Zinc Phenolsulphonate 8-hydrate PRS

C₁₂H₁₀O₈S₂Zn.8H₂O
 M: 555,83 CAS: 127-82-2 EINECS: 204-867-8 NC: 2908 99 10
 Signal Word: Warning



H302

SPECIFICATIONS:
 Assay (Compl.) 99-103 %
 pH of 5% solution ≥4,0
 Insoluble matter in H₂O..... 0,025 %
 Chloride (Cl)..... 0,01 %
 Sulphate (SO₄)..... 0,025 %

Order code	Package	Units/Box st.
141781.1211	1000 g	6
141781.0914	5 kg	

Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX

C₃₆H₇₀O₂Zn
 M: 632,33 CAS: 557-05-1 EINECS: 209-151-9 NC: 2915 70 30

SPECIFICATIONS:
 Assay (as Zn) (Compl.)..... 10,0-12,0%
 Assay (as ZnO) (Compl.)..... 12,5-14,0%
 Identity according to Pharmacopoeias p/t.

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution.....	p/t.
Appearance of solut. of the fatty acids.....	p/t.
Acidity or alkalinity.....	p/t.
Acid value of the fatty acids.....	195-210
Residual solvents (Ph.Eur./USP).....	p/t
Chloride (Cl).....	0,025 %
Sulphate (SO ₄).....	0,6 %
Alkalis and alkaline earths salts.....	1,0 %
As.....	0,00015 %
Ca.....	0,01 %
Cd.....	0,0005 %
K.....	0,01 %
Mg.....	0,01 %
Na.....	0,01 %
Pb.....	0,001 %

Order code	Package	Units/Box st.
141895.1211	1000 g	6
141895.0914	5 kg	

Zinc Stearate QP

C₃₆H₇₀O₂Zn
 M: 632,33 CAS: 557-05-1 EINECS: 209-151-9 NC: 2915 70 30

SPECIFICATIONS:
 Assay (as ZnO)(Compl.)..... 12-15 %
 Alkali and alkaline-earth salts..... 1,5 %
 As..... 0,00015 %
 Pb..... 0,002 %

Order code	Package	Units/Box st.
211895.1211	1000 g	6
211895.0914	5 kg	
211895.0416	25 kg	

Zinc Sulphate 1-hydrate PA

ZnSO₄·H₂O

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Minimum assay (Compl.) 99 %
pH of 5% solution 5,0-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,01 %
Chloride (Cl) 0,002 %
Nitrogen compounds (as N) 0,005 %
As 0,0001 %
Ca 0,005 %
Cd 0,001 %
Co 0,001 %
Cu 0,001 %
Fe 0,001 %
K 0,01 %
Mg 0,005 %
Mn 0,001 %
Na 0,01 %
Ni 0,001 %
Pb 0,006 %

Order code	Package	Units/Box st.
121788.1210	500 g	6
121788.1211	1000 g	6
121788.1214	5 kg	4

Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP)

PRS-CODEX

ZnSO₄·H₂O

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,0-100,5%
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,0-5,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Residual solvents (Ph.Eur./USP) p/t
Acidity p/t
Alkalis and alkaline-earths 0,9 %
Chloride (Cl) 0,03 %
As 0,0001 %
Fe 0,01 %
Pb 0,002 %

Order code	Package	Units/Box st.
141788.1210	500 g	6
141788.1211	1000 g	6
141788.1214	5 kg	4
141788.0416	25 kg	

Zinc Sulphate 1-hydrate (F.C.C.) ADITIO

ZnSO₄·H₂O

M: 179,45 CAS: 7446-19-7 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (as ZnSO₄·H₂O) 98,0-100,5%
Appearance p/t
Identity:
Sulphate p/t
Zinc p/t
Acidity p/t
Alkalis and alkaline-earths, not more than 0,5 %
Cadmium, not more than 2 ppm
Lead, not more than 4 ppm
Mercury, not more than 5 ppm
Selenium, not more than 0,003 %
Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201788.1214	5 kg	4
201788.0416	25 kg	

Zinc Sulphate 7-hydrate PA-ACS

ZnSO₄·7H₂O

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,5-103,0%
pH of 5% solution 4,4-6,0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter in H₂O 0,005 %
Chloride (Cl) 0,0005 %
Nitrogen compounds (as N) 0,0005 %
As 0,00005 %

Metals by ICP [mg/Kg (ppm)]

Al 5	Cu 5	Na 50
Bi 5	Fe 5	Ni 5
Ca 10	Hg 5	Pb 20
Cd 10	K 50	Sr 5
Co 5	Mg 10	
Cr 5	Mn 3	

Order code	Package	Units/Box st.
131787.1210	500 g	6
131787.1211	1000 g	6
131787.1214	5 kg	4
131787.0416	25 kg	

Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.)

PRS-CODEX

ZnSO₄·7H₂O

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (Compl.) 99,0-104,0%
Identity according to Pharmacopoeias p/t
pH of 5% solution 4,4-5,6

MAXIMUM LIMIT OF IMPURITIES

Appearance of solution p/t
Residual solvents (Ph.Eur./USP) p/t
Acidity p/t
Chloride (Cl) 0,03 %
Nitrogen compounds (as N) 0,005 %
Alkalis and alkaline-earths 0,5 %
As 0,0001 %
Ca 0,02 %
Fe 0,005 %
Pb 0,001 %

Order code	Package	Units/Box st.
141787.1210	500 g	6
141787.1211	1000 g	6
141787.1214	5 kg	4
141787.0416	25 kg	

Zinc Sulphate 7-hydrate (F.C.C.) ADITIO

ZnSO₄·7H₂O

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H302-H318-H410

SPECIFICATIONS:

Assay (as ZnSO₄·7H₂O) 99,0-108,7%
Appearance p/t
Identity:
Sulphate p/t
Zinc p/t
Acidity p/t
Alkalis and alkaline-earths, not more than 0,5 %
Cadmium, not more than 2 ppm
Lead, not more than 4 ppm
Mercury, not more than 5 ppm
Selenium, not more than 0,003 %
Specifications F.C.C. 6

"For use in foodstuffs according to F.C.C."

Order code	Package	Units/Box st.
201787.1214	5 kg	4
201787.0416	25 kg	

ZINC SULPHATE VOLUMETRIC SOLUTIONS

Zinc Sulphate 0,05 mol/l (0,05M) SV

Indicator: Eriochrome Black T

ZnSO₄·7H₂O

M: 287,54 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20

CE: 030-006-00-9

1l-1,007kg 1kg-0,993l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
182163.1211	1000 ml	6

Zinc Sulphate 0,1 mol/l (0,1M) SV

Indicator: Eriochrome Black T

ZnSO₄·7H₂O

M: 287,540 CAS: 7446-20-0 EINECS: 231-793-3 NC: 2833 29 20

CE: 030-006-00-9

1l-1,013kg 1kg-0,987l

SPECIFICATIONS:

Titer1,000±0,001

Order code	Package	Units/Box st.
181789.1211	1000 ml	6

Zinc Sulphide QP

ZnS

M: 97,43 CAS: 1314-98-3 EINECS: 215-251-3 NC: 2830 90 85

SPECIFICATIONS:

Minimum assay97 %

Order code	Package	Units/Box st.
213041.1209	250 g	6
213041.1211	1000 g	6

Zinc Sulphophenate

(see Zinc Phenolsulphonate 8-hydrate)

ZIRCONIUM SOLUTIONS

(see Standards for ICP)

Z-D-N-MeLeu-OH

(see Chapter Panreac Sintesis - Custom and Contract Synthesis)

Z-ONSu

(see N-(Benzyloxycarbonyloxy) Succinimide)

Z-OSu

(see N-(Benzyloxycarbonyloxy) Succinimide)

N-Z-L-Phenylalanine, 98% PS

C₉H₉NO₂

M: 299,32 CAS: 1161-13-3 EINECS: 214-599-3 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A563.1606	25 g	6

N-Z-L-Proline, 98% PS

M: 249,26 CAS: 1148-11-4 EINECS: 214-557-4 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A564.1605	10 g	6

N-α-Z-L-Tryptophan, 98% PS

M: 338,36 CAS: 7432-21-5 EINECS: 231-074-4 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A567.1604	5 g	6
15A567.1606	25 g	6

N-Z-L-Tyrosine hydrate, 98% PS

C₉H₉NO₄·xH₂O

M: 315,33 CAS: 1164-16-5 EINECS: 214-609-6 NC: 2922 49 95

SPECIFICATIONS:

Minimum assay98 %

Order code	Package	Units/Box st.
15A568.1604	5 g	6
15A568.1606	25 g	6

N-Z-L-Valine, 99% PS

C₆H₁₁NO₂

M: 251,28 CAS: 1149-26-4 EINECS: 214-562-1 NC: 2922 49 95

SPECIFICATIONS:

Assay99 %

IdentityIR p/t.

Melting range58-62°C

Order code	Package	Units/Box st.
15A469.1604	5 g	6
15A469.1606	25 g	6

Z-Val-OH

(see N-Z-L-Valine)



MICROBIOLOGY

Panreac

INGREDIENTS

Agar, Bacteriological American Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range 1,5%	32-38°C
Melting range 1,5% gel	80-95°C
Gel strength 1,5% (Nikan's Method)	600-850 g/cm ²
pH in gel 1,5%	6-7

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	20 %
Residue on ignition (as SO ₂)	6 %

Order code	Package	Units/Box st.
402303.1210	500 g	6
402303.0914	5 kg	
402303.0416	25 kg	

Agar, Bacteriological European Type (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gelling range of 1,5% solution	32-39,5°C
Melting range of 1,5% solution	80-90°C
Gel strength of 1,5 % solution (Nikan's Method)	800-1100 g/cm ²
pH in gel of 1,5% solution	6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	10 %
Residue on ignition (as SO ₂)	5 %

Order code	Package	Units/Box st.
402302.1210	500 g	6
402302.0914	5 kg	
402302.0416	25 kg	

Agar, Purified (Ingredient) CULTIMED

for immunodiffusion, electrophoresis and cell culture

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Melting range 1,5% gel	80-95°C
Gel strength 1,5% (Nikan's Method)	700-1200 g/cm ²
pH in gel 1,5%	5,5-7,4
Loss on drying at 105°C	10 %
Residue on ignition (as SO ₂)	5 %

Order code	Package	Units/Box st.
403904.1210	500 g	6
403904.0914	5 kg	
403904.0416	25 kg	

Agar, Technical (Ingredient) CULTIMED

Solidifying agent used in bacteriological culture media

CAS: 9002-18-0 EINECS: 232-658-1 NC: 1302 31 00

SPECIFICATIONS:

Gel strength 1,5% (Nikan's Method)	700-1100 g/cm ²
pH in gel 1,5%	6,0-7,5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 105°C	20 %
Residue on ignition (as SO ₂)	5 %

Order code	Package	Units/Box st.
401792.1210	500 g	6
401792.0914	5 kg	
401792.0416	25 kg	

Bile Salts n° 3 (Ingredient) CULTIMED

Product used to stimulate the growth of enteric bacteria.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	7,5-9,5
Loss on drying at 105°C	5 %
Insoluble matter in H ₂ O	p/t.

Order code	Package	Units/Box st.
403896.1210	500 g	6
403896.0914	5 kg	
403896.0416	25 kg	

Casein Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C	7 %
Residue on ignition (as SO ₂)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403898.1210	500 g	6
403898.0914	5 kg	
403898.0416	25 kg	

Casein Peptone Hydrolyzed (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C	5 %
Residue on ignition (as SO ₂)	45 %
Total Nitrogen	≥5 %

Order code	Package	Units/Box st.
403691.1210	500 g	6
403691.0914	5 kg	
403691.0416	25 kg	

Gelatine, Bacteriological (Ingredient) CULTIMED

Demonstration of proteolytic microorganisms.

CAS: 9000-70-8 EINECS: 232-554-6 NC: 3503 00 10

SPECIFICATIONS:

pH of 2% solution	4,0-7,5
Loss on drying	13 %
Residue on ignition	1 %

Order code	Package	Units/Box st.
403902.1210	500 g	6

Gelatine Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6-7,5
Loss on drying at 105°C	10 %
Residuo de calcinación (as SO ₂)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403686.1210	500 g	6
403686.0914	5 kg	
403686.0416	25 kg	

Hemoglobine (Additive) CULTIMED

Enrichment additive for the isolation of some fastidious microorganisms.

NC: 3002 10 91

SPECIFICATIONS:

pH of 5% solution	7,5-8,5
Loss on drying at 105°C	5 %
Insoluble matter in H ₂ O	p/t.
Salmonella	Absence/10 g

Order code	Package	Units/Box st.
402876.1210	500 g	6
402876.0914	5 kg	
402876.0416	25 kg	

Malt Extract (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds

NC: 3504 00 00

SPECIFICATIONS:

pH of 5% solution	4,5-6,0
Loss on drying at 105°C	6 %
Residue on ignition (as SO ₂)	4 %

Order code	Package	Units/Box st.
403690.1210	500 g	6
403690.0914	5 kg	
403690.0416	25 kg	

Meat Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7
Loss on drying at 105°C	6 %
Residue on ignition (as SO ₂)	16 %
Nitrogen, total	≥10 %

Order code	Package	Units/Box st.
403692.1210	500 g	6
403692.0914	5 kg	
403692.0416	25 kg	

Meat Peptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C	6 %
Residue on ignition (as SO ₂)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403683.1210	500 g	6
403683.0914	5 kg	
403683.0416	25 kg	

Mycological Peptone (Ingredient) CULTIMED

Nutritional ingredient to prepare culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6-7,5
Loss on drying at 105°C.....	6 %
Residue on ignition (as SO ₄)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
404140.1210	500 g	6
404140.0914	5 kg	
404140.0416	25 kg	

Ox Bile (Ingredient) CULTIMED

Product used to stimulate the growth of enteric bacteria.

NC: 0510 00 00

SPECIFICATIONS:

pH of 2% solution	6,0-8,5
Loss on drying at 105°C.....	6 %
Cholic Acid	≥40 %

Order code	Package	Units/Box st.
403685.1210	500 g	6
403685.0914	5 kg	
403685.0416	25 kg	

Peptone, Bacteriological (Ingredient) CULTIMED

Product used in bacteriological culture media.

EINECS: 293-428-4 NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	6 %
Residue on ignition (as SO ₄)	15 %
Total Nitrogen	≥12 %

Order code	Package	Units/Box st.
403695.1210	500 g	6
403695.0914	5 kg	
403695.0416	25 kg	

Potato Starch (Ingredient) CULTIMED

Nutritional ingredient in media preparation for yeast and moulds.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	5-8
Loss on drying at 105°C.....	20 %
Residue on ignition (as SO ₄)	1 %
Total Nitrogen	0,017 %

Order code	Package	Units/Box st.
404148.1210	500 g	6
404148.0914	5 kg	
404148.0416	25 kg	

Proteose Peptone (Ingredient) CULTIMED

Ingredient of a high nutritive value for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH 2% solution.....	6,5-7,5
Loss on drying at 105°C.....	6 %
Residue on ignition (as SO ₄)	12 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403901.1210	500 g	6
403901.0914	5 kg	
403901.0416	25 kg	

Proteose Peptone n° 3 (Ingredient) CULTIMED

Nutrient for fastidious microorganisms cultivation

NC: 3504 00 00

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₄)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403939.1210	500 g	6
403939.0914	5 kg	
403939.0416	25 kg	

Soy Peptone (Ingredient) CULTIMED

Nutritional ingredient for preparing culture media.

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	8 %
Residue on ignition (as SO ₄)	15 %
Total Nitrogen	≥7 %

Order code	Package	Units/Box st.
403684.1210	500 g	6
403684.0914	5 kg	
403684.0416	25 kg	

Tryptone (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₄)	15 %
Nitrogen, total	≥5 %

Order code	Package	Units/Box st.
403682.1210	500 g	6
403682.0914	5 kg	
403682.0416	25 kg	

Tryptose (Ingredient) CULTIMED

Source of nitrogen for culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,5-7,5
Loss on drying at 105°C.....	6 %
Residue on ignition (as SO ₄)	15 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403903.1210	500 g	6
403903.0914	5 kg	
403903.0416	25 kg	

Yeast Extract (Ingredient) CULTIMED

Nutrient base in culture media

NC: 3504 00 00

SPECIFICATIONS:

pH of 2% solution	6,0-8
Loss on drying at 105°C.....	10 %
Residue on ignition (as SO ₄)	16 %
Total Nitrogen	≥10 %

Order code	Package	Units/Box st.
403687.1210	500 g	6
403687.0914	5 kg	
403687.0416	25 kg	

DEHYDRATED CULTURE MEDIA AND SUPPLEMENTS

(See also Prepared Media)

Acetamide Broth (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Culture media for the confirmation of Pseudomonas aeruginosa according to UNE-EN 12780-2002

NC: 3821 00 00

Signal Word: Warning



H351

Composition (g/l):

Potassium di-Hydrogen Phosphate	1,0
Magnesium Sulphate.....	0,2
Acetamide	2,0
Sodium Chloride.....	0,2
pH: 7,0±0,5.....	

Order code	Package	Units/Box st.
416259.1210	500 g	6

Amies Transport Medium without Charcoal (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride.....	0,1
Magnesium Chloride	0,1
Potassium Chloride	0,2
Potassium di-Hydrogen Phosphate	0,2
Sodium Chloride.....	3,0
di-Sodium Hydrogen Phosphate.....	1,1
Sodium Thioglycollate	1,0
Agar	7,5
pH: 7,3±0,2.....	

Order code	Package	Units/Box st.
413734.1210	500 g	6
413734.0914	5 kg	

Anaerobic (MIC), Broth

(see Wilkins-Chalgren Broth)

Antibiotic Medium n° 1 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	3,0
D(+)-Glucose.....	1,0
Casein Peptone.....	4,0
Gelatine Peptone.....	6,0
Agar.....	15,0

pH: 6,6±0,2

Order code	Package	Units/Box st.
413735.1210	500 g	6
413735.0914	5 kg	

Antibiotic Medium n° 2 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for use a base layer in antibiotic assay testing.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	3,0
Gelatine Peptone.....	6,0
Agar.....	15,0

pH: 6,6±0,2

Order code	Package	Units/Box st.
413736.1210	500 g	6
413736.0914	5 kg	

Antibiotic Medium n° 3 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the turbidimetric assay of penicillin and tetracycline.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	1,5
D(+)-Glucose.....	1,0
Gelatine Peptone.....	5,0
Potassium di-Hydrogen Phosphate.....	1,32
di-Potassium Hydrogen Phosphate.....	3,68
Sodium Chloride.....	3,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
413737.1210	500 g	6
413737.0914	5 kg	

Antibiotic Medium n° 5 (USP) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used for the streptomycin assay.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	3,0
Gelatine Peptone.....	6,0
Agar.....	15,0

pH: 7,9±0,2

Order code	Package	Units/Box st.
413738.1210	500 g	6
413738.0914	5 kg	

Antibiotic Medium n° 8 (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the assay of tetracycline, vancomycin, mitomycin and mithramycin.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	3,0
Gelatine Peptone.....	6,0
Agar.....	15,0

pH: 5,7±0,2

Order code	Package	Units/Box st.
413739.1210	500 g	6
413739.0914	5 kg	

Antibiotic Medium n° 11 (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic assay testing. Used in the assay of amoxicillin, ampicillin, erythromycin, gentamycin, among others.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	1,5
Yeast Extract.....	3,0
D(+)-Glucose.....	1,0
Casein Peptone.....	4,0
Gelatine Peptone.....	6,0
Agar.....	15,0

pH: 7,9±0,2

Order code	Package	Units/Box st.
413740.1210	500 g	6
413740.0914	5 kg	

Bacillus Cereus according to Mossel Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation and enumeration of Bacillus cereus according Mossel

NC: 3821 00 00

Composition (g/l):

Phenol Red.....	0,025
D(-)-Mannitol.....	10,0
Meat Peptone.....	10,0
Meat Extract.....	1,0
Sodium Chloride.....	10,0
Agar.....	12,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
416271.1210	500 g	6

Bacillus Cereus Selective Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation and enumeration of Bacillus cereus.

NC: 3821 00 00

Composition (g/l):

Tartaric Acid.....	0,15
Bromothymol Blue.....	0,12
Magnesium Sulphate.....	0,1
D(-)-Mannitol.....	10,0
Casein Peptone.....	1,0
Potassium di-Hydrogen Phosphate.....	0,2
Sodium Chloride.....	2,0
di-Sodium Hydrogen Phosphate.....	2,5
Sodium Pyruvate.....	10,0
Agar.....	14,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
414119.1210	500 g	6
414119.0914	5 kg	

Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	5,0
Yeast Extract.....	1,0
Glycine.....	12,0
Lithium Chloride.....	5,0
Pancreatic Digest of Casein.....	10,0
Sodium Pyruvate.....	10,0
Agar.....	20,0

pH: 6,8±0,2

Order code	Package	Units/Box st.
413744.1208	100 g	6
413744.1210	500 g	6
413744.0914	5 kg	

BCYE Supplement (Additive) CULTIMED

Additive used for legionella detection

NC: 3821 00 00

Composition (per vial):

L-Cysteine.....	40 mg
Ferric Pyrophosphate.....	25 mg
ACES.....	1 g
Potassium Hydroxide.....	200 mg
α-Ketoglutarate.....	0,1 g

Order code	Package	Units/Box st.
416273.02132	10 vials	6

BiGGY, Agar

(see Nickerson Medium)

Bile Esculin Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation and presumptive identification of Enterococci.

NC: 3821 00 00

Composition (g/l):

Ox Bile	40,0
Esculin	1,0
Meat Extract	3,0
Iron(III) Citrate	0,5
Bacteriological Peptone	5,0
Agar	15,0
pH: 6,6±0,2	

Order code Package Units/Box st.

413835.1210	500 g		6
413835.0914	5 kg		

Bile Esculin Azide Agar (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED

Culture media for presumptive identification of Enterococci according ISO 7899-2:2000

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Ox Bile	10,0
Esculin	1,0
Sodium Azide	0,15
Yeast Extract	5,0
Iron(III) Citrate	0,5
Peptone	3,0
Sodium Chloride	5,0
Tryptone	17,0
Agar	15,0
pH: 7,1±0,2	

Order code Package Units/Box st.

415523.1210	500 g		6
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Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED

Culture media for the selective enrichment of Salmonella species.

NC: 3821 00 00

Composition (g/l):

Dried Ox Bile	8,0
Potassium Tetrathionate	20,0
Brilliant Green	0,07
Calcium Carbonate	20,0
Meat Peptone	8,6
Sodium Chloride	6,4
pH: 7,0±0,2	

Order code Package Units/Box st.

414654.1208	100 g		6
414654.1210	500 g		6
414654.0914	5 kg		

Bismuth Sulphite Agar (Dehydrated Culture Media) CULTIMED

Media for the isolation and identification of Salmonella.

NC: 3821 00 00

Composition (g/l):

Bismuth-Sulphite Indicator	8,0
Meat Extract	5,0
D(+)-Glucose	5,0
Iron(II) Sulphate	0,3
Bacteriological Peptone	10,0
di-Sodium Hydrogen Phosphate	4,0
Brilliant Green	0,025
Agar	20,0
pH: 7,5±0,2	

Order code Package Units/Box st.

413749.1210	500 g		6
413749.0914	5 kg		

Blood Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Heart Infusion (from 375 g)	10,0
Meat Peptone	10,0
Sodium Chloride	5,0
Agar	15,0
pH: 7,3±0,2	

Order code Package Units/Box st.

413806.1210	500 g		6
413806.0914	5 kg		

Blood Azide Agar Base (Dehydrated Culture Media) CULTIMED

Media for the isolation of Streptococci and Staphylococci.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Sodium Azide	0,2
Meat Extract	3,0
Peptones	10,0
Sodium Chloride	5,0
Agar	15,0
pH: 7,2±0,2	

Order code Package Units/Box st.

413741.1210	500 g		6
413741.0914	5 kg		

Bordet Gengou Agar Base (Dehydrated Culture Media) CULTIMED

Media for the detection and isolation of Bordetella pertussis and Bordetella parapertussis.

NC: 3821 00 00

Composition (g/l):

Potato Infusion	4,5
Proteose Peptone	10,0
Sodium Chloride	5,5
Agar	16,0
pH: 6,7±0,2	

Order code Package Units/Box st.

413750.1210	500 g		6
413750.0914	5 kg		

Brain Heart Infusion (BHI) (Dehydrated Culture Media) CULTIMED

Culture media for fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Calf Brain Infusion	7,5
Meat Heart Infusion	10,0
D(+)-Glucose	2,0
Gelatine Peptone	10,0
Sodium Chloride	5,0
di-Sodium Hydrogen Phosphate	2,5
pH: 7,4±0,2	

Order code Package Units/Box st.

413777.1210	500 g		6
413777.0914	5 kg		

Brain Heart Infusion Agar (BHI) (Dehydrated Culture Media) CULTIMED

Culture media for fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Calf Brain Infusion	7,5
Meat Heart Infusion	10,0
D(+)-Glucose	2,0
Peptone Mixture	10,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0
Agar	15,0
pH: 7,4±0,2	

Order code Package Units/Box st.

413772.1210	500 g		6
413772.0914	5 kg		

Brilliant Green Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella.

NC: 3821 00 00

Composition (g/l):

Brilliant Green	0,0125
Yeast Extract	3,0
Lactose	10,0
Peptones (meat and casein)	10,0
Phenol Red	0,08
Saccharose	10,0
Sodium Chloride	5,0
Agar	20,0
pH: 6,9±0,2	

Order code Package Units/Box st.

413823.1210	500 g		6
413823.0914	5 kg		

Brilliant Green Bile Agar (Dehydrated Culture Media) CULTIMED

Culture media for the detection of coliform bacteria.

NC: 3821 00 00

Composition (g/l):

Ox Bile.....	0,00295
Brilliant Green.....	0,0000295
Erioglaucine.....	0,0649
Basic Fuchsin.....	0,0776
Iron(III) Chloride.....	0,0295
Lactose.....	1,9
Gelatine Peptone.....	8,25
Potassium di-Hydrogen Phosphate.....	0,0153
Sodium Sulphite.....	0,205
Agar.....	10,15

pH: 6,9±0,2

Order code	Package	Units/Box st.
413747.1210	500 g	6
413747.0914	5 kg	

Brilliant Green Bile 2% Broth (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Ox Bile, Dehydrated.....	20,0
Brilliant Green.....	0,0133
Lactose.....	10,0
Gelatine Peptone.....	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413748.1208	100 g	6
413748.1210	500 g	6
413748.0914	5 kg	

Brucella Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Brucella species and other fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Yeast Extract.....	2,0
D(+)-Glucose.....	1,0
Meat Peptone.....	10,0
Casein Peptone.....	10,0
Sodium Chloride.....	5,0
Sodium Hydrogen Sulphite.....	0,1
Agar.....	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413837.1210	500 g	6
413837.0914	5 kg	

Buffered Peptone Water (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Diluent agent to homogenize samples in foodstuffs.

NC: 3821 00 00

Composition (g/l):

Pancreatic Digest of Casein.....	10,0
Potassium di-Hydrogen Phosphate.....	1,5
Sodium Chloride.....	5,0
di-Sodium Hydrogen Phosphate.....	3,5'

pH: 7,0±0,2
'is equivalent to di-Sodium Hydrogen Phosphate 12-hydrate.....9,0

Order code	Package	Units/Box st.
413795.1210	500 g	6
413795.0914	5 kg	

Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Diluent agent for the homogenization of samples.

NC: 3504 00 90

Composition (g/l):

Pancreatic Digest of Casein.....	1,00
Potassium di-Hydrogen Phosphate.....	3,60
Sodium Chloride.....	4,30
di-Sodium Hydrogen Phosphate 2-hydrate.....	7,20

pH: 7,0±0,2

Order code	Package	Units/Box st.
414944.1210	500 g	6
414944.0914	5 kg	

Calcium Caseinate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the count and research of proteolytic microorganisms.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride.....	0,05
Calcium Hydroxide.....	0,15
Casein (Hammarsten).....	2,5
Meat Extract.....	3,0
Meat Peptone.....	5,0
Sodium Chloride.....	5,0
Agar.....	13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
413830.1210	500 g	6
413830.0914	5 kg	

Cary-Blair Transport Medium (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride.....	0,09
Sodium Chloride.....	5,0
di-Sodium Hydrogen Phosphate.....	1,1
Sodium Thioglycollate.....	1,5
Agar.....	5,5

pH: 8,4±0,2

Order code	Package	Units/Box st.
413778.1210	500 g	6
413778.0914	5 kg	

Cefoxitin, Supplement (Additive) CULTIMED

NC: 3821 00 00

Formula per vial:

Cefoxitin.....2 mg

Order code	Package	Units/Box st.
416911.02132	10 vial	

Cetrimide Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa

NC: 3821 00 00

Composition (g/l):

Cetrimide.....	0,3
Magnesium Chloride.....	1,4
Gelatine Peptone.....	20,0
Potassium Sulphate.....	10,0
Agar.....	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
416256.1208	100 g	6
416256.1210	500 g	6
416256.0914	5 kg	

Chapman-Stone Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Ammonium Sulphate.....	75,0
Yeast Extract.....	2,0
Gelatine.....	30,0
D(-)-Mannitol.....	10,0
Casein Peptone.....	10,0
di-Potassium Hydrogen Phosphate.....	5,0
Sodium Chloride.....	55,0
Agar.....	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413831.1210	500 g	6
413831.0914	5 kg	

Chapman TTC (Tergitol 7) Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue.....	0,05
Meat Extract.....	5,0
Yeast Extract.....	6,0
Lactose.....	20,0
Meat Peptone.....	10,0
Sodium Heptadecyl Sulphate.....	0,1
Agar.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
414955.1208	100 g	6
414955.1210	500 g	6
414955.0914	5 kg	

Chapman USP Medium

(see Mannitol Salt Agar)

Chromogenic E. coli Agar (Dehydrated Culture Media) CULTIMED

Culture media for the simultaneous detection of total Coliform and E. Coli

NC: 3821 00 00

Composition (g/l):

Chromogenic mixture	0,36
Bacteriological Peptone	3,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Sorbitol	1,0
Phosphate Buffer	4,9
Tergitol-7	0,1
Tryptophan	1,0
Agar	10,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
416109.12135	105 g	6
416109.12133	525 g	6

Chromogenic Salmonella Agar (Dehydrated Culture Media) CULTIMED

Culture media for isolation of Salmonella

NC: 3821 00 00

Composition (g/l):

Chromogenic mixture	5,81
Meat Extract	5,00
Casein Peptone	5,0
Sodium Citrate	8,50
Agar	12,80
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416110.12136	115 g	6
416110.12134	575 g	6

CLED Medium (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration and presumptive identification of microorganisms from urine.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,02
L-Cystine	0,128
Meat Extract	3,0
Lactose	10,0
Casein Peptone	4,0
Gelatine Peptone	4,0
Agar	15,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413753.1210	500 g	6
413753.0914	5 kg	6

Clostridium perfringens m-CP Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water

NC: 3821 00 00

Composition (g/l):

L-Cysteine mono-Hydrochloride 1-hydrate	1,0
Yeast Extract	20,0
Magnesium Sulphate 7-hydrate	0,1
Bromocresol Purple	0,04
Saccharose	5,0
Tryptose	30,0
Agar	15,0
pH: 7,6±0,2	

Order code	Package	Units/Box st.
415463.1210	500 g	6

Columbia Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Cornstarch	1,0
Yeast Extract	5,0
Pancreatic Digest of Casein	10,0
Meat Peptic Digest	5,0
Heart Pancreatic Digest	3,0
Sodium Chloride	5,0
Agar	13,5
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413751.1210	500 g	6
413751.0914	5 kg	6

CTA Medium (Dehydrated Culture Media) CULTIMED

Culture media used for the preservation of strains.

NC: 3821 00 00

Composition (g/l):

L-Cystine	0,5
Yeast Extract	0,2
Casein Peptone	20,0
Phenol Red	0,017
Sodium Chloride	5,0
Sodium Sulphite	0,5
Agar	2,5
pH: 7,3±0,2	

Order code	Package	Units/Box st.
414709.1210	500 g	6
414709.0914	5 kg	6

Czapek Dox Agar (modified) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of fungal species.

NC: 3821 00 00

Composition (g/l):

Iron(II) Sulphate	0,01
Magnesium Glycerophosphate	0,5
Potassium Chloride	0,5
Potassium Sulphate	0,35
Saccharose	30,0
Sodium Nitrate	2,0
Agar	12,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413838.1210	500 g	6
413838.0914	5 kg	6

DermaSel Agar (Mycobiotic Agar) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of pathogenic fungi, especially dermatophytes.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Cycloheximide	0,4
Chloramphenicol	0,05
D(+)-Glucose	10,0
Soy Peptone	10,0
Agar	15,5
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413846.1210	500 g	6
413846.0914	5 kg	6

Desoxycholate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of Gram-negative enteric microorganisms.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	1,0
Iron(III) Citrate	1,0
Lactose	10,0
Peptones	10,0
di-Potassium Hydrogen Phosphate	2,0
Neutral Red	0,033
tri-Sodium Citrate	1,0
Sodium Chloride	5,0
Agar	16,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413754.1210	500 g	6
413754.0914	5 kg	6

Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the selective isolation of Salmonella and Shigella species.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	5,0
Ammonium Iron(III) Citrate	1,0
tri-Sodium Citrate	20,0
Meat Extract	10,0
Lactose	10,0
Meat Peptone	10,0
Neutral Red	0,02
Agar	13,5
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413755.1210	500 g	6
413755.0914	5 kg	6

Desoxycholate Citrate Lactose Agar (Dehydrated Culture Media) CULTIMED

Culture media for the selective isolation of Salmonella and Shigella species.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	0,5
tri-Sodium Citrate	2,0
Lactose	10,0
Peptone	10,0
Neutral Red	0,03
Sodium Chloride	5,0
Agar	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
413756.1210	500 g	6
413756.0914	5 kg	

Desoxycholate Lactose Saccharose Agar (Dehydrated Culture Media) CULTIMED

Selective media for the isolation of Gram-negative enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Sodium Desoxycholate	2,5
Lactose	5,0
Saccharose	5,0
Meat Extract	3,0
Proteose Peptone	7,0
Neutral Red	0,03
tri-Sodium Citrate	10,0
Sodium Thiosulphate	5,0
Agar	12,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413757.1210	500 g	6
413757.0914	5 kg	

DNase Agar (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Staphylococcus species and Serratia marcescens, based on their production of deoxyribonuclease.

NC: 3821 00 00

Composition (g/l):

Deoxyribonucleic Acid	2,0
Casein Peptone	15,0
Soymeal Peptone	5,0
Sodium Chloride	5,0
Agar	15,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413759.1210	500 g	6
413759.0914	5 kg	

EC Medium (Dehydrated Culture Media) CULTIMED

Culture media for the cultivation of Coliform bacterias.

NC: 3821 00 00

Composition (g/l):

Tryptose	20,0
Lactose	5,0
Potassium di-Hydrogen Phosphate	1,5
di-Potassium Hydrogen Phosphate	4,0
Bile Salts n° 3	1,9
Sodium Chloride	5,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413761.1210	500 g	6
413761.0914	5 kg	

EE Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media used for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):

Ox bile	20,0
D(+)-Glucose	5,0
Pancreatic Digest of Gelatine	10,0
Potassium di-Hydrogen Phosphate	2,0
di-Sodium Hydrogen Phosphate 2-hydrate	8,0
Brilliant Green	0,015
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413829.1210	500 g	6
413829.0914	5 kg	

Egg Yolk Emulsion (Additive) CULTIMED

Additive for culture media for detection of lecithinase activity.

NC: 3821 00 00

Order code	Package	Units/Box st.
414722.1607	50 ml	6
414722.1608	100 ml	6

Egg Yolk Tellurite Emulsion (Additive) CULTIMED

Additive for culture media for detection of lecithinase activity.

NC: 3821 00 00

Order code	Package	Units/Box st.
414723.1607	50 ml	6
414723.1608	100 ml	6

EMB Levine Agar

(see Eosin Methylene Blue Agar acc. to Levine (EMB Levine))

Endo Agar Base (Dehydrated Culture Media) CULTIMED

Culture media for enumeration of Coliform in water.

NC: 3821 00 00

Composition (g/l):

Lactose	10,0
Peptone	10,0
di-Potassium Phosphate	3,5
Sodium Sulphite	2,5
Agar	10,0
pH: 7,5±0,2	

Order code	Package	Units/Box st.
413760.1210	500 g	6
413760.0914	5 kg	

Eosin Methylene Blue Agar (EMB) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Gram-negative enteric bacteria.

NC: 3821 00 00

Composition (g/l):

Eosin Yellowish	0,4
Methylene Blue	0,065
Lactose	5,0
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Saccharose	5,0
Agar	13,5
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413762.1210	500 g	6
413762.0914	5 kg	

Eosin Methylene Blue Agar acc. to Levine (EMB Levine) (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Coliform microorganisms.

NC: 3821 00 00

Composition (g/l):

Eosin	0,4
Methylene Blue	0,065
Lactose	10,0
Gelatine Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Agar	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
413763.1208	100 g	6
413763.1210	500 g	6
413763.0914	5 kg	

EVA Broth (Ethyl Violet Azide) (Dehydrated Culture Media) CULTIMED

Media for the enrichment and cultivation of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Sodium Azide	0,4
Ethyl Violet	0,0008
D(+)-Glucose	5,0
Peptones mixture	20,0
Potassium di-Hydrogen Phosphate	2,7
di-Potassium Hydrogen Phosphate	2,7
Sodium Chloride	5,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413743.1210	500 g	6
413743.0914	5 kg	

FC Broth Base M (Dehydrated Culture Media) CULTIMED

Media used for the enumeration of faecal Coliform from waters using the membrane filtration method

NC: 3821 00 00

Composition (g/l):

Aniline Blue.....	0,1
Yeast Extract.....	3,0
Lactose.....	12,5
Proteose Peptone n° 3.....	5,0
Bile Salt n° 3.....	1,5
Sodium Chloride.....	5,0
Tryptose.....	10,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
414270.1210	500 g	6
414270.0914	5 kg	

FDA M145

(see Tetrathionate Broth Base)

FDA M169

(see TSC Agar Base)

Fraser Listeria Broth Base (ISO 11290-1:1996) (Dehydrated Culture Media) CULTIMED

Enrichment medium for detection and enumeration of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Esculin.....	1,0
Yeast Extrat.....	5,0
Meat Extract.....	5,0
Lithium Chloride.....	3,0
Potassium di-Hydrogen Phosphate.....	1,35
Proteose Peptone.....	5,0
Sodium Chloride.....	20,0
di-Sodium Phosphate.....	12,0
Tryptone.....	5,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416112.1210	500 g	6

Fraser Listeria Selective Enrichment Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes enrichment

NC: 3821 00 00

Signal Word: Danger



H302-H318-H412

Composition (mg/1 vial):	
Ammonium Iron(III) Citrate.....	250,0
Composition (mg/2 vial):	
Nalidixic Acid.....	10,0
Acryflavine.....	12,5

Order code	Package	Units/Box st.
416113.02131	2 x 5 vials	6

Fraser 1/2 Listeria Selective Enrichment Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes enrichment

NC: 3821 00 00

Signal Word: Danger



H302-H318-H412

Composition (mg/1 vial):	
Ammonium Iron(III) Citrate.....	250,0
Composition (mg/2 vial):	
Nalidixic Acid.....	5,0
Acryflavine.....	6,25

Order code	Package	Units/Box st.
416114.02131	2 x 5 vials	6

GC Agar Base (Dehydrated Culture Media) CULTIMED

Media for the cultivation and isolation of Neisseria.

NC: 3821 00 00

Composition (g/l):

Cornstarch.....	1,0
Peptone Mixture.....	15,0
Potassium di-Hydrogen Phosphate.....	1,0
di-Potassium Hydrogen Phosphate.....	4,0
Sodium Chloride.....	5,0
Agar.....	10,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413767.1210	500 g	6
413767.0914	5 kg	

Giolitti-Cantoni Broth (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Staphylococcus aureus.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	5,0
Yeast Extract.....	5,0
Glycine.....	1,2
Lithium Chloride.....	5,0
D(-)-Mannitol.....	20,0
Sodium Chloride.....	5,0
Sodium Pyruvate.....	3,0
Tryptone.....	10,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413765.1210	500 g	6
413765.0914	5 kg	

Glucose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose.....	10,0
Meat Extract.....	3,0
Peptone Mixture.....	10,0
Sodium Chloride.....	5,0
Agar.....	15,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413840.1210	500 g	6
413840.0914	5 kg	

Glucose Broth (Dehydrated Culture Media) CULTIMED

Culture media used for the study of glucose fermentation.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose.....	5,0
Casein Peptone.....	10,0
Sodium Chloride.....	5,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413847.1210	500 g	6
413847.0914	5 kg	

Glucose Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED

Culture media for the count and the isolation of Fungi.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose.....	20,0
Chloramphenicol.....	0,20
Yeast Extract.....	5,0
Agar.....	15,0
pH: 6,6±0,2	

Order code	Package	Units/Box st.
414956.1210	500 g	6
414956.0914	5 kg	

Glucose Chloramphenicol Broth (Dehydrated Culture Media) CULTIMED

Culture media for NMP count of Fungi.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose.....	20,0
Chloramphenicol.....	0,20
Yeast Extract.....	5,0
pH: 6,6±0,2	

Order code	Package	Units/Box st.
414957.1210	500 g	6
414957.0914	5 kg	

G.N. Broth (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose.....	1,0
D(-)-Mannitol.....	2,0
di-Potassium Hydrogen Phosphate.....	4,0
Potassium di-Hydrogen Phosphate.....	1,5
tri-Sodium Citrate.....	5,0
Sodium Chloride.....	5,0
Sodium Desoxycholate.....	0,5
Tryptose.....	20,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
414656.1210	500 g	6
414656.0914	5 kg	

GVPC Supplement (Additive) CULTIMED

Additive used for legionella detection

NC: 3821 00 00

Composition (per vial):

Polymyxin	39600 IU
Glycine.....	1,5 g
Cycloheximide.....	40 mg
Vancomycin	0,5 mg

Order code	Package	Units/Box st.
416274.02132	10 vials	6

Hektoen Enteric Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and differentiation of Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate.....	1,5
Bromothymol Blue.....	0,064
Yeast Extract	3,0
Fuchsin Acid.....	0,1
Lactose.....	12,0
Meat Peptone.....	12,0
Saccharose.....	12,0
Bile Salts.....	9,0
D(-)-Salicin.....	2,0
Sodium Chloride.....	5,0
Sodium Thiosulphate.....	5,0
Agar	14,0

pH: 7,5±0,2

Order code	Package	Units/Box st.
413768.1208	100 g	6
413768.1210	500 g	6
413768.0914	5 kg	

Kanamycin Esculin Azide Agar (CeNAN) (Dehydrated Culture Media) CULTIMED

Media for the enumeration and confirmation of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Kanamycin Sulphate	0,02
Esculin	1,0
Sodium Azide	0,15
Ammonium Iron(III) Citrate.....	0,5
Yeast Extract	5,0
Sodium Chloride.....	5,0
di-Sodium Hydrogen Citrate	1,0
Tryptone.....	20,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414676.1210	500 g	6
414676.0914	5 kg	

Kanamycin Esculin Azide Broth (CeNAN) (Dehydrated Culture Media) CULTIMED

Media for cultivation of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Kanamycin Sulphate	0,02
Esculin	1,0
Sodium Azide	0,15
Ammonium Iron(III) Citrate.....	0,5
Yeast Extract	5,0
Sodium Chloride.....	5,0
di-Sodium Hydrogen Citrate	1,0
Tryptone.....	20,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
414695.1210	500 g	6
414695.0914	5 kg	

KF Streptococcus Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of enterococci in water.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Yeast Extract	10,0
Lactose.....	1,0
Maltose.....	20,0
Peptones mixture	10,0
Sodium Azide	0,4
Sodium Chloride.....	5,0
Sodium Glycerophosphate.....	10,0
Agar	20,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413773.1210	500 g	6
413773.0914	5 kg	

King A Medium (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas based in the production of Pyocyanine.

NC: 3821 00 00

Composition (g/l):

Magnesium Chloride	1,4
Gelatine Peptone.....	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,0±0,2

Order code	Package	Units/Box st.
413774.1210	500 g	6
413774.0914	5 kg	

King B Medium (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas based in the production of Fluorescein.

NC: 3821 00 00

Composition (g/l):

Magnesium Sulphate.....	1,5
Polipeptone	20,0
di-Potassium Hydrogen Phosphate	1,5
Agar	15

pH: 7,0±0,2

Order code	Package	Units/Box st.
413775.1208	100 g	6
413775.1210	500 g	6
413775.0914	5 kg	

King B Medium (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Medium for the differentiation of Pseudomonas aeruginosa according UNE-EN 12780:2002

NC: 3821 00 00

Composition (g/l):

Magnesium Sulphate.....	1,5
Peptone	20,0
Potassium Hydrogen Phosphate.....	1,5
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
416260.1210	500 g	6

Kligler Agar

(see Kligler Iron Agar)

Kligler Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the identification of Gram-negative enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate.....	0,5
D(+)-Glucose	1,0
Lactose.....	10,0
Peptone Mixture	20,0
Phenol Red	0,025
Sodium Chloride.....	5,0
Sodium Thiosulphate.....	0,5
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413769.1210	500 g	6
413769.0914	5 kg	

Koser Citrate Medium (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Coliforms based on Citrate utilization.

NC: 3821 00 00

Composition (g/l):

Sodium Citrate	3,0
Ammonium Sodium Phosphate	1,5
Magnesium Sulphate.....	0,2
Potassium di-Hydrogen Phosphate	1,0
pH: 6,7±0,2	

Order code	Package	Units/Box st.
414692.1210	500 g	6
414692.0914	5 kg	

Lactosed Broth (Dehydrated Culture Media) CULTIMED

Medium for the detection of Coliforms, specially E. coli.

NC: 3821 00 00

Composition (g/l):

Lactose.....	5,0
Meat Extract	3,0
Gelatine Peptone.....	5,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413776.1210	500 g	6
413776.0914	5 kg	

Lactose Sulphite Broth Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Medium used as a presumptive test for Clostridium according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Lactose.....	10,0
Casein Peptone.....	5,0
Yeast Extract	2,5
Sodium Chloride.....	2,5
L-Cystein.....	0,3
pH: 7,1±0,2	

Order code	Package	Units/Box st.
416254.1210	500 g	6

Lauryl Sulphate Broth

(see Lauryl Tryptose Broth)

Lauryl Tryptose Broth (Dehydrated Culture Media) CULTIMED

Culture media for detection of Coliforms.

NC: 3821 00 00

Composition (g/l):

Sodium Dodecyl Sulphate.....	0,10
Tryptose.....	20,0
Lactose.....	5,0
Potassium di-Hydrogen Phosphate	2,75
di-Potassium Hydrogen Phosphate	2,75
Sodium Chloride.....	5,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413827.1210	500 g	6
413827.0914	5 kg	

Legionella Agar (BCYE-Cys)

(see Prepared Media: BCYE without Cysteine Agar)

Legionella Agar (BCYEx)

(see Prepared Media: BCYEx Agar)

Legionella CYE Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the enumeration and isolation of Legionella

NC: 3821 00 00

Composition (g/l):

Yeast Extract	10,0
Charcoal Activated.....	2,0
Agar	13,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
416277.1210	500 g	6

Lethen Agar (modified) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Meat Extract	3,0
Yeast Extract	2,0
Lecithin	1,0
Casein Peptone.....	10,0
Meat Peptone.....	10,0
Glucose	1,0
Sodium Chloride.....	5,0
Sodium Bisulphite	0,1
Polisorbate 80	7,0
Bacteriological Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
415379.1210	500 g	6

Lethen Broth (modified) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,70
Casein Peptone.....	5,0
Meat Peptone.....	20,0
Glucose	1,0
Sodium Chloride.....	5,0
Sodium Bisulphite	0,10
Polysorbate 80	5,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
415382.1210	500 g	6

Lipase C, Supplement (Additive) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Formula per vial:

Lipase C Substrate.....	1000 mg
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Order code	Package	Units/Box st.
416893.02132	10 vials	

Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Meat Peptone.....	18,00
Lithium Chloride	10,00
Yeast Extract	10,00
Tryptone.....	6,00
Sodium Chloride.....	5,00
di-Sodium Hydrogen Phosphate anhydrous.....	2,50
Glucose	2,00
Sodium Pyruvate.....	2,00
Magnesium glycerophosphate.....	1,00
Magnesium Sulphate.....	0,50
X-Glucoside	0,05
Bacteriological Agar	13,50
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416891.1210	500 g	6

Listeria Medium

(see Fraser, Oxford, PALCAM)

Listeria Selective Chromogenic Supplement (Additive) CULTIMEDD

NC: 3821 00 00

SPECIFICATIONS:

Formula per vial:

Cycloheximide.....	50 mg
Polymixin B Sulphate	38.350 UI
Nalidixic acid	10 mg
Ceftazidime	10 mg

Order code	Package	Units/Box st.
416894.02132	10 vials	6

Luria Broth Base (Dehydrated Culture Media) CULTIMED

Culture media for the development of Escherichia coli.

NC: 3821 00 00
 Composition (g/l):
 Casein Peptone10,0
 Yeast Extract5,0
 Sodium Chloride.....10,0
 pH: 7,0±0,2

Order code	Package	Units/Box st.
414753.1210	500 g	6
414753.0914	5 kg	

Lysine Decarboxylase Broth (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Salmonella, based on their ability to decarboxylate L-Lysine.

NC: 3821 00 00
 Composition (g/l):
 L-Lysine5,0
 Yeast Extract3,0
 D(+)-Glucose1,0
 Gelatine Peptone.....5,0
 Bromocresol Purple.....0,02
 pH: 6,8±0,2

Order code	Package	Units/Box st.
413828.1210	500 g	6
413828.0914	5 kg	

Lysine Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Salmonella and Arizona.

NC: 3821 00 00
 Composition (g/l):
 Ammonium Iron(III) Citrate.....0,5
 L-Lysine10,0
 Yeast Extract3,0
 D(+)-Glucose1,0
 Gelatine Peptone.....5,0
 Bromocresol Purple.....0,02
 Sodium Thiosulphate.....0,04
 Agar13,5
 pH: 6,7±0,2

Order code	Package	Units/Box st.
413770.1210	500 g	6
413770.0914	5 kg	

MacConkey Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for Coliforms.

NC: 3821 00 00
 Composition (g/l):
 Lactose10,0
 Peptone3,0
 Bile Salts1,5
 Gelatine Peptone.....17,0
 Neutral Red0,03
 Sodium Chloride.....5,0
 Crystal Violet0,001
 Agar13,5
 pH: 7,1±0,2

Order code	Package	Units/Box st.
413779.1208	100 g	6
413779.1210	500 g	6
413779.0914	5 kg	

MacConkey Agar n° 2 (Dehydrated Culture Media) CULTIMED

Culture media for the study of Enterococci in the presence of Coliforms.

NC: 3821 00 00
 Composition (g/l):
 Lactose10,0
 Peptone20,0
 Neutral Red0,05
 Bile Salts n° 21,5
 Sodium Chloride.....5,0
 Crystal Violet0,001
 Agar13,5
 pH: 7,2±0,2

Order code	Package	Units/Box st.
413845.1210	500 g	6
413845.0914	5 kg	

MacConkey Sorbitol Agar (Dehydrated Culture Media) CULTIMED

Selective culture media used in the E. coli investigation

NC: 3821 00 00
 Composition (g/l):
 D-Sorbitol10,0
 Bile Salts1,5
 Gelatine Peptone.....20,0
 Neutral Red0,03
 Sodium Chloride.....5,0
 Crystal Violet0,001
 Agar15,0
 pH: 7,1±0,2

Order code	Package	Units/Box st.
415641.1210	500 g	6

MacConkey Agar without Crystal Violet (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Enterobacteriaceae and Enterococci.

NC: 3821 00 00
 Composition (g/l):
 Lactose10,0
 Gelatine Peptone.....17,0
 Peptones Mixture3,0
 Neutral Red0,03
 Bile Salts n°35,0
 Sodium Chloride.....5,0
 Agar12,0
 pH: 7,4±0,2

Order code	Package	Units/Box st.
414679.1210	500 g	6

MacConkey Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for Coliforms.

NC: 3821 00 00
 Composition (g/l):
 Ox Bile5,0
 Lactose10,0
 Gelatine Peptone.....20,0
 Bromocresol Purple.....0,01
 pH: 7,3±0,2

Order code	Package	Units/Box st.
413780.1210	500 g	6
413780.0914	5 kg	

Malt Extract Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of yeast and fungi.

NC: 3821 00 00
 Composition (g/l):
 Malt Extract12,75
 Dextrine2,75
 Glycerol2,35
 Gelatine Peptone.....0,78
 Agar15,0
 pH: 4,7±0,2

Order code	Package	Units/Box st.
413781.1210	500 g	6
413781.0914	5 kg	

Malt Extract Broth (Dehydrated Culture Media) CULTIMED

Culture media for the isolation and enumeration of yeast and fungi.

NC: 3821 00 00
 Composition (g/l):
 Malt Extract6,0
 Yeast Extract1,2
 D(+)-Glucose6,0
 Maltose6,0
 pH: 4,7±0,2

Order code	Package	Units/Box st.
413832.1210	500 g	6
413832.0914	5 kg	

Mannitol Motility Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiation of Enterobacteriaceae.

NC: 3821 00 00
 Composition (g/l):
 D(-)-Mannitol7,5
 Caseine Peptone10,0
 Potassium Nitrate1,0
 Phenol Red0,04
 Agar3,5
 pH: 7,6±0,2

Order code	Package	Units/Box st.
413782.1210	500 g	6
413782.0914	5 kg	

Mannitol Salt Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for cultivation and enumeration of Staphylococci.

NC: 3821 00 00

Composition (g/l):

Sodium Chloride.....	75,0
D(-)-Mannitol.....	10,0
Meat Extract.....	1,0
Digest Pancreatic of Casein.....	5,0
Peptic Digest of Animal Tissue.....	5,0
Phenol Red.....	0,025
Agar.....	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413783.1210	500 g 	6
413783.0914	5 kg 	

Mannitol-Salt-Phenol Red Agar

(see Mannitol Salt Agar)

Marine Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of heterotrophic marine bacteria.

NC: 3821 00 00

Composition (g/l):

Boric Acid.....	0,022
Ammonium Nitrate.....	0,0016
Calcium Chloride.....	1,8
Strontium Chloride.....	0,034
Yeast Extract.....	1,0
Iron Citrate.....	0,1
Magnesium Chloride.....	8,8
Peptone.....	5,0
Potassium Bromide.....	0,08
Potassium Chloride.....	0,55
Sodium Chloride.....	19,4
Sodium Fluoride.....	0,0024
Sodium Hydrogen Carbonate.....	0,16
di-Sodium Hydrogen Phosphate.....	0,008
Sodium Silicate.....	0,004
Sodium Sulphate.....	3,24
Agar.....	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
414680.1210	500 g 	6
414680.0914	5 kg 	

Marine Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of heterotrophic marine bacteria.

NC: 3821 00 00

Composition (g/l):

Boric Acid.....	0,022
Ammonium Nitrate.....	0,0016
Calcium Chloride.....	1,8
Strontium Chloride.....	0,034
Yeast Extract.....	1,0
Iron Citrate.....	0,1
Magnesium Chloride.....	8,8
Bacteriological Peptone.....	5,0
Potassium Bromide.....	0,08
Potassium Chloride.....	0,55
Sodium Chloride.....	19,4
Sodium Fluoride.....	0,0024
Sodium Hydrogen Carbonate.....	0,16
di-Sodium Hydrogen Phosphate.....	0,008
Sodium Silicate.....	0,004
Sodium Sulphate.....	3,24

pH: 7,6±0,2

Order code	Package	Units/Box st.
414698.1210	500 g 	6
414698.0914	5 kg 	

Medium A

(see Tryptone Soy Broth (TSB))

Medium B

(see Tryptone Soy Agar (TSA))

Medium C

(see Sabouraud Glucose Agar + Chloramphenicol)

Medium D

(see Lactosed Broth)

Medium E

(see EE Broth)

Medium F

(see Violet Red Bile Lactose and Glucose Agar (VRBLG))

Medium G

(see MacConkey Broth)

Medium H

(see MacConkey Agar)

Medium I

(see Bile Tetrathionate-Brilliant Green Broth)

Medium J

(see Desoxycholate Citrate Agar)

Medium K

(see XLD Medium)

Medium L

(see Brilliant Green Agar)

Medium M

(see Triple Sugar Iron Agar)

Medium N

(see Cetrimide Agar)

Medium O

(see Baird-Parker Agar Base)

Medium P

(see Reinforced Clostridial Agar (Ph. Eur.))

Medium Q

(see Columbia Agar Base)

Medium S

(see R2A Agar)

Minerals (modified) Glutamated Broth (MMGB) (ISO 16649-3) (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Sodium L-Glutamate.....	6,4
Lactose.....	10,00
Sodium Formate.....	0,25
L-Cystine.....	0,02
L-Aspartic Acid.....	0,024
L-Arginine.....	0,02
Thiamine.....	0,001
Nicotinic Acid.....	0,001
Pantothenic Acid.....	0,001
Magnesium Sulphate 7-hydrate.....	0,10
Ammonium Iron(III) Citrate.....	0,01
Calcium Chloride 2-hydrate.....	0,01
di-Potassium Hydrogen Phosphate.....	0,90
Bromocresol Purple.....	0,01

pH 6,7±0,1

Order code	Package	Units/Box st.
416895.1210	500 g 	6

MRS Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Lactobacillus species.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate	2,0
Meat Extract	8,0
Yeast Extract	4,0
D(+)-Glucose	20,0
Magnesium Sulphate.....	0,2
Manganese(II) Sulphate.....	0,05
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Sodium Acetate.....	5,0
Tween 80	1,0
Agar	10,0
pH: 6,2±0,2	

Order code	Package	Units/Box st.
413784.1208	100 g	6
413784.1210	500 g	6
413784.0914	5 kg	

MRS Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Lactobacillus species.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate	2,0
Meat Extract	8,0
Yeast Extract	4,0
D(+)-Glucose	20,0
Magnesium Sulphate.....	0,2
Manganese(II) Sulphate.....	0,05
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Sodium Acetate.....	5,0
Tween 80	1,0
pH: 6,2±0,2	

Order code	Package	Units/Box st.
413785.1208	100 g	6
413785.1210	500 g	6
413785.0914	5 kg	

MR-VP Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	5,0
Peptone Mixture	7,0
tri-Potassium Phosphate.....	5,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413786.1210	500 g	6
413786.0914	5 kg	

Mueller-Hinton Agar (Dehydrated Culture Media) CULTIMED

Medium for sensitivity test for diverse antibiotics and sulphonamide.

NC: 3821 00 00

Composition (g/l):

Starch	1,5
Meat Infusion.....	2,0
Casein Peptone Hydrolysate.....	17,5
Agar	17,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
413787.1208	100 g	6
413787.1210	500 g	6
413787.0914	5 kg	

Mueller-Hinton Broth (Dehydrated Culture Media) CULTIMED

Medium for sensitivity test in broth for diverse antibiotics.

NC: 3821 00 00

Composition (g/l):

Starch	1,5
Meat Infusion.....	2,0
Casein Peptone Hydrolysate.....	17,5
pH: 7,4±0,2	

Order code	Package	Units/Box st.
413788.1210	500 g	6
413788.0914	5 kg	

Nickerson Medium (Dehydrated Culture Media) CULTIMED

Culture media for the presumptive identification of Candida species.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	1,0
Glycine.....	10,0
D(+)-Glucose	10,0
Bismuth Ammonium Citrate	5,0
Sodium Sulphite.....	3,00
Agar	16,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413790.1210	500 g	6
413790.0914	5 kg	

Nitrate Movility Medium (Dehydrated Culture Media) CULTIMED

Media for the identification of Clostridium perfringens based on its nitrate reduction capacity

NC: 3821 00 00

Composition (g/l):

Casein Peptone.....	5,0
Meat Extract	3,0
D(+)-Galactose	5,0
Potassium Nitrate.....	1,0
di-Sodium Hydrogen Phosphate.....	2,5
Agar	3,5
pH: 7,3±0,2	

Order code	Package	Units/Box st.
416275.1210	500 g	6

Nutrient Agar (Dehydrated Culture Media) CULTIMED

Media for enumeration of organisms in water.

NC: 3821 00 00

Composition (g/l):

Meat Extract	3,0
Gelatine Peptone.....	5,0
Agar	15,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413792.1208	100 g	6
413792.1210	500 g	6
413792.0914	5 kg	

Nutrient Agar (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Media for the differential subculture of Pseudomonas aeruginosa according to UNE-EN 12780:2002

NC: 3821 00 00

Composition (g/l):

Peptone	5,0
Meat Extract.....	1,0
Yeast Extract	2,0
Sodium Chloride.....	5,0
Agar	15,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
416261.1210	500 g	6

Nutrient Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of non fastidious microorganisms.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	3,0
Gelatine Peptone.....	5,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413793.1210	500 g	6
413793.0914	5 kg	

Nutrient Gelatine (Dehydrated Culture Media) CULTIMED

Media for the differentiation of bacteria based on their ability to liquefy gelatine.

NC: 3821 00 00

Composition (g/l):

Gelatine	120,0
Gelatine Peptone.....	5,0
Meat Extract.....	3,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413801.1210	500 g	6
413801.0914	5 kg	

OF Basal Medium (Dehydrated Culture Media) CULTIMED

Culture media for differentiating Gram-negative bacteria.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue.....	0,03
Casein Peptone.....	2,0
di-Potassium Hydrogen Phosphate.....	0,3
Sodium Chloride.....	5,0
Agar.....	2,5

pH: 7,1±0,2

Order code	Package	Units/Box st.
414707.1210	500 g	6
414707.0914	5 kg	

OGYE Agar Base (Dehydrated Culture Media) CULTIMED

Media for the enumeration and cultivation of yeasts and fungi.

NC: 3821 00 00

Composition (g/l):

Yeast Extract.....	5,0
D(+)-Glucose.....	10,0
Agar.....	15,0

pH: 6,5±0,2

Order code	Package	Units/Box st.
414958.1210	500 g	6
414958.0914	5 kg	

ONPG-FDA-MUG-INDOL Broth

(see Prepared Media: O-F-M-I Broth)

Orange Serum Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of acid tolerant microorganisms in fruit juices

NC: 3821 00 00

Composition (g/l):

Casein Peptone.....	10,0
Yeast Extract.....	3,0
Orange Extract.....	5,0
Glucose.....	4,0
Potassium di-Hydrogen Phosphate.....	3,0
Agar.....	15,0

pH: 5,5±0,2

Order code	Package	Units/Box st.
416276.1210	500 g	6

Oxford Listeria Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for detection of Listeria monocytogenes

NC: 3821 00 00

Signal Word: Warning



H302-H319-H315

Composition (g/l):

Columbia Agar Base.....	39,0
Esculin.....	1,0
Ammonium Iron(III) Citrate.....	0,5
Lithium Chloride.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
416111.1210	500 g	6

Oxford Listeria Selective Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes detection

NC: 3821 00 00 UN: 2811

IMDG: 6.1/I ADR: 6.1/I IATA: 6.1/I PAX: 606 CAO: 607

Signal Word: Danger



H360D-H300-H341

Composition (mg/vial):

Cycloheximide.....	200,0
Colystine Sulphate.....	10,0
Acryflavine.....	2,5
Cefotetan.....	1,0
Phosphomycine.....	5,0

Order code	Package	Units/Box st.
416115.02132	10 vials	6

Indole Sticks CULTIMED

NC: 3822 00 00

Signal Word: Warning



H319-H335-H315

SPECIFICATIONS:

Comprised of:

Indole test sticks (30 sticks)

Indole Reagent (1x3 ml)

Order code	Package	Units/Box st.
416445.0922	pack	6

Oxidase Sticks CULTIMED

NC: 3822 00 00

SPECIFICATIONS:

Composition (per stick):

Tetramethyl-p-phenylenediamine hydrochloride..... 8 % (w/v)

Order code	Package	Units/Box st.
416444.2326	50 sticks	

PALCAM Listeria Agar Base (Dehydrated Culture Media) CULTIMED

Media for the selective isolation, cultivation and differentiation of Listeria monocytogenes

NC: 3821 00 00

Signal Word: Warning



H319-H315

Composition (g/l):

Columbia Agar Base.....	39,0
Yeast Extract.....	3,0
Glucose.....	0,5
Esculin.....	0,8
Ammonium Iron(III) Citrate.....	0,5
Mannitol.....	10,0
Phenol Red.....	0,08
Lithium Chloride.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
415380.1210	500 g	6

PALCAM Listeria Selective Supplement (Additive) CULTIMED

Additive used for Listeria monocytogenes detection

NC: 3821 00 00

Signal Word: Danger



H318-H412

Composition (mg/vial):

Polymyxin B Sulphate.....	5,0
Ceftazidime.....	10,0
Acryflavine.....	2,5

Order code	Package	Units/Box st.
416116.02132	10 vials	6

PCA

(see Standard Methods Agar (APHA). Prepared Media: Plate Count Agar (PCA))

Peptone of Casein-Glucose-Yeast Extract Agar

(see Standard Methods Agar (APHA). Prepared Media: Plate Count Agar (PCA))

Peptone Water (Dehydrated Culture Media) CULTIMED

Diluent agent for the homogenization of samples.

NC: 3821 00 00

Composition (g/l):

Tryptone.....	10,0
Sodium Chloride.....	5,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413794.1210	500 g	6
413794.0914	5 kg	

Perfringens according to Angelotti Selective Agar

(see SPS Agar (Selective Agar according to Angelotti))

Potassium Tellurite solution 3,5% (Additive) CULTIMED

Additive selective for culture media.

NC: 3821 00 00

Signal Word: Warning



H302

Order code	Package	Units/Box st.
414724.1607	50 ml	6
414724.1608	100 ml	6

Potato Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the culture and enumeration of yeast and fungi.

NC: 3821 00 00

Composition (g/l):	
D(+)-Glucose	20,0
Potatoes Infusion (200 g)	4,0
Agar	15,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
413758.1208	100 g	6
413758.1210	500 g	6
413758.0914	5 kg	

Potato Infusion Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Brucella species

NC: 3821 00 00

Composition (g/l):	
Potato Infusion	200,0
Meat Peptone	10,0
Meat Extract	5,0
Glucose	10,0
Sodium Chloride	5,0
Agar	15,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
416322.1210	500 g	6

Pseudomonas CN Agar Base (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):	
Cetrimide	0,2
Nalidixic Acid	0,015
Magnesium Chloride	1,4
Hydrolyzed Casein Peptone	10,0
Gelatine Peptone	16,0
Potassium Sulphate	10,0
Agar	13,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
413752.1210	500 g	6
413752.0914	5 kg	

Pseudomonas-F Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):	
Magnesium Sulphate	1,5
Peptone	20,0
di-Potassium Hydrogen Phosphate	1,5
Agar	15,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413796.1210	500 g	6
413796.0914	5 kg	

R2A Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of heterotrophic bacteria in water according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):	
Proteose Peptone	0,5
Casein Hydrolyzed	0,50
Yeast Extract	0,5
Glucose	0,5
Starch	0,5
Sodium Pyruvate	0,3
di-Potassium Hydrogen Phosphate	0,3
Magnesium Sulphate	0,024
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416197.1210	500 g	6

Raka-Ray Agar Base (Dehydrated Culture Media) CULTIMED

Selective medium for the isolation of lactic acid bacteria.

NC: 3821 00 00

Composition (g/l):	
N-Acetylglucosamine	0,5
di-Ammonium Hydrogen Citrate	2,0
Betaine Chlorhydrate	2,0
Cycloheximide	0,007
Liver Extract	1,0
Yeast Extract	5,0
D(-)-Fructose	5,0
D(+)-Glucose	5,0
Magnesium Sulphate	2,0
Maltose	10,0
Manganese(II) Sulphate	0,66
Potassium Aspartate	2,5
tri-Potassium Phosphate	2,0
Potassium Glutamate	2,5
Tryptone	20,0
Agar	17,0
pH: 5,4±0,2	

Order code	Package	Units/Box st.
413797.1210	500 g	6
413797.0914	5 kg	

Rappaport Broth (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella, with the exception of S. typhi.

NC: 3821 00 00

Composition (g/l):	
Yeast Extract	1,6
Magnesium Chloride	30,0
Potassium di-Hydrogen Phosphate	0,78
Sodium Chloride	7,0
di-Sodium Hydrogen Phosphate	0,26
Trypticaseine	4,3
Malachite Green	0,1
pH: 5,5±0,2	

Order code	Package	Units/Box st.
413798.1210	500 g	6
413798.0914	5 kg	

Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Enrichment broth for Salmonella.

NC: 3821 00 00

Composition (g/l):	
Magnesium Chloride anhydrous	18,73 ¹
Soy Peptone	5,0
Potassium di-Hydrogen Phosphate	1,40
di-Potassium Hydrogen Phosphate	0,20
Sodium Chloride	8,00
Malachite Green	0,04
pH: 5,2±0,2	

¹ is equivalent to Magnesium Chloride 7-hydrate40,0

Order code	Package	Units/Box st.
414959.1210	500 g	6
414959.0914	5 kg	

Reinforced Clostridial Agar (RCM) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of Clostridium, Bifidobacterium and other anaerobic organisms.

NC: 3821 00 00

Composition (g/l):	
Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	12,5
pH: 6,8±0,2	

Order code	Package	Units/Box st.
414655.1210	500 g	6
414655.0914	5 kg	

Reinforced Clostridial Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of clostridia, lactobacillus and anaerobic bacteria according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Casein Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	0,5
pH: 6,8±0,2	

Order code	Package	Units/Box st.
416253.1210	500 g	6

Rogosa SL Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation, and enumeration of Lactobacillus.

NC: 3821 00 00

Composition (g/l):

di-Ammonium Hydrogen Citrate	2,0
Arabinose	5,0
Yeast Extract	5,0
D(+)-Glucose	10,0
Iron(II) Sulphate	0,03
Magnesium Sulphate	0,57
Manganese(II) Sulphate	0,12
Potassium di-Hydrogen Phosphate	6,0
Saccharose	5,0
Sodium Acetate	15,0
Sorbitan Monooleate	1,0
Tryptose	10,0
Agar	15,0
pH: 5,4±0,2	

Order code	Package	Units/Box st.
413800.1210	500 g	6
413800.0914	5 kg	

Rose Bengal Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00

Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Bacteriological Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
414855.1208	100 g	6
414855.1210	500 g	6
414855.0914	5 kg	

Rothe Broth (Glucose Azide Broth) (Dehydrated Culture Media) CULTIMED

Culture media for the detection of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):

Sodium Azide	0,2
D(+)-Glucose	7,5
Meat Extract	4,5
Mixture of Peptones	15,0
Sodium Chloride	7,5
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413742.1210	500 g	6
413742.0914	5 kg	

RPF Supplement (ISO-FDIS 6888-2) (Additive) CULTIMED

Additive for the preparation of Baird-Parker Agar Base (Code 413744) used for the detection of coagulase positive Staphylococcus

NC: 3821 00 00

Composition (per vial):

Rabbit Plasma	2,5 ml
Bovine Fibrinogen	380 mg
Trypsin Inhibitor	2,5 mg
Potassium Tellurite	2,5 mg

Order code	Package	Units/Box st.
416272.02132	10 vials	6

Sabouraud Agar

(see Sabouraud Glucose Agar)

Sabouraud+Chloramphenicol Agar

(see Sabouraud Glucose Agar+Chloramphenicol)

Sabouraud Glucose Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	10,0
Agar	15,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
413802.1208	100 g	6
413802.1210	500 g	6
413802.0914	5 kg	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Peptones Mixture	10,0
Agar	15,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
413842.1208	100 g	6
413842.1210	500 g	6
413842.0914	5 kg	

Sabouraud Glucose Agar+Cycloheximide (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	40,0
Cycloheximide	0,40
Peptones mixture	10,0
Agar	15,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
414267.1210	500 g	6

Glucose Sabouraud Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for antibiotic effectiveness test and in fungi and yeast cultures.

NC: 3821 00 00

Composition (g/l):

D(+)-Glucose	20,0
Mixture of peptic of animal tissue and pancreatic digest of casein (1:1)	10,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
413804.1210	500 g	6
413804.0914	5 kg	

Sabouraud Maltose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation and enumeration of fungi and yeasts.

NC: 3821 00 00

Composition (g/l):

D-Maltose	40,0
Peptone	10,0
Agar	15,0
pH: 5,6±0,2	

Order code	Package	Units/Box st.
413803.1210	500 g	6
413803.0914	5 kg	

Saline Peptone Water (NF ISO 6579:1990) (Dehydrated Culture Media) CULTIMED

General diluent agent

NC: 3821 00 00

Composition (g/l):

Casein Peptone	1,0
Sodium Chloride	8,5
pH: 7,0±0,2	

Order code	Package	Units/Box st.
416265.1210	500 g	6

Salmonella Shigella Agar (Dehydrated Culture Media) CULTIMED

Medium for the isolation of Shigella and Salmonella.

NC: 3821 00 00

Composition (g/l):

Meat Extract	5,0
Iron(III) Citrate	1,0
Lactose	10,0
Peptones	5,0
Neutral Red	0,025
Bile Salts	8,5
tri-Sodium Citrate	8,5
Sodium Thiosulphate	8,5
Brilliant Green	0,00033
Agar	13,5
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413805.1208	100 g	6
413805.1210	500 g	6
413805.0914	5 kg	

Schaedler Agar (Dehydrated Culture Media) CULTIMED

Culture media for anaerobic bacterial species.

NC: 3821 00 00

Composition (g/l):

Tryptone Soy Broth	10,0
L-Cystine	0,4
D(+)-Glucose	5,0
Yeast Extract	5,0
Hemin	0,01
Peptone	5,0
Tris (Hydroxymethyl) Aminomethane	3,0
Agar	13,5
pH: 7,6±0,2	

Order code	Package	Units/Box st.
413807.1210	500 g	6
413807.0914	5 kg	

Schaedler Broth (Dehydrated Culture Media) CULTIMED

Culture media for anaerobic bacterial species.

NC: 3821 00 00

Composition (g/l):

Tryptone Soy Broth	10,0
L-Cystine	0,4
D(+)-Glucose	5,0
Yeast Extract	5,0
Hemin	0,01
Casein Peptone	2,5
Meat Peptone	2,5
Tris (Hydroxymethyl) Aminomethane	3,0
pH: 7,6±0,2	

Order code	Package	Units/Box st.
413808.1210	500 g	6
413808.0914	5 kg	

Selenite Brilliant Green Broth (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Selenite	4,0
Brilliant Green	0,005
Yeast Extract	5,0
D(-)-Mannitol	5,0
Gelatin Peptone	5,0
di-Potassium Hydrogen Phosphate	2,65
Potassium di-Hydrogen Phosphate	1,02
Sodium Taurocholate	1,0
Sodium Sulfapyridine	0,5
pH: 7,4±0,2	

Order code	Package	Units/Box st.
414703.1210	500 g	6
414703.0914	5 kg	

Selenite Broth Base (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Selenite	4,00
Lactose	4,00
Peptone mixture	5,00
tri-Sodium Phosphate	10,00
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413824.1210	500 g	6
413824.0914	5 kg	

Selenite Cystine Broth (Dehydrated Culture Media) CULTIMED

Media for the enrichment of Salmonella.

NC: 3821 00 00 UN: 3077

IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911

Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Hydrogen Selenite	4,00
L(-)-Cystine	0,01
Lactose	4,00
Peptone mixture	5,00
tri-Sodium Phosphate	10,00
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413809.1210	500 g	6
413809.0914	5 kg	

SIM Medium (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Sulphate	0,2
Meat Peptone	6,1
Casein Peptone	20,0
Sodium Thiosulphate	0,2
Agar	3,5
pH: 7,3±0,2	

Order code	Package	Units/Box st.
413810.1210	500 g	6
413810.0914	5 kg	

Simmons Citrate Agar (Dehydrated Culture Media) CULTIMED

Culture media for the differentiation and identification of Enterobacteriaceae based on citrate utilization.

NC: 3821 00 00

Composition (g/l):

tri-Sodium Citrate	2,0
Ammonium di-Hydrogen Phosphate	1,0
Bromothymol Blue	0,08
Magnesium Sulphate	0,2
di-Potassium Hydrogen Phosphate	1,0
Sodium Chloride	5,0
Agar	15,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
413811.1210	500 g	6
413811.0914	5 kg	

Skim Milk Plate Count Agar (Dehydrated Culture Media) CULTIMED

Media used for the differentiation of bacteria based on proteolytic activity.

NC: 3821 00 00

Composition (g/l):

Skim milk	1,0
D(+)-Glucose	1,0
Yeast Extract	2,5
Tryptone	5,0
Agar	15,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
414118.1210	500 g	6
414118.0914	5 kg	

Slanetz Bartley Medium (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterococci.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	2,0
Sodium Azide	0,4
di-Potassium Hydrogen Phosphate	4,0
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....	0,1
Tryptose.....	20,0
Agar	10,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
413812.1208	100 g	6
413812.1210	500 g	6
413812.0914	5 kg	

SPS Agar (Selective Agar according to Angelotti) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,3
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine.....	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone.....	15,5
Agar	13,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
414125.1208	100 g	6
414125.1210	500 g	6
414125.0914	5 kg	

Standard Methods Agar (APHA) (ISO 4833:2003) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of microorganisms.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Tryptone.....	5,0
Agar	15,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413799.1208	100 g	6
413799.1210	500 g	6
413799.0914	5 kg	

Staphylococcus according to Baird-Parker Selective Agar

(see Baird-Parker Agar Base)

Staphylococcus Chromogenic Agar Base (Dehydrated Culture Media) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Peptone mixture	11,00
Growth factors.....	78,00
Chromogenic Substrate	1,90
Bacteriological Agar	12,50
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416892.12133	525 g	6

Staphylococcus Medium n° 110 (Dehydrated Culture Media) CULTIMED

Media for the isolation of Staphylococci in foodstuff and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	2,5
Gelatine	30,0
Lactose.....	2,0
D(-)-Mannitol	10,0
Casein Peptone.....	10,0
di-Potassium Hydrogen Phosphate	5,0
Sodium Chloride.....	75,0
Agar	15,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413764.1210	500 g	6
413764.0914	5 kg	

Sterility Test Broth

(see Thioglycollate Medium USP)

Stuart Transport Medium (Dehydrated Culture Media) CULTIMED

Culture media for the transport of samples to prolong the survival of microorganisms.

NC: 3821 00 00

Composition (g/l):

Methylene Blue.....	0,002
Calcium Chloride.....	0,1
Sodium Glycerophosphate.....	10,0
Sodium Thioglycollate	1,0
Agar	3,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
413813.1210	500 g	6
413813.0914	5 kg	

TBA Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):

Tryptone.....	20,0
Bile Salts.....	1,5
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416262.1210	500 g	6

TBX Agar (ISO 16649-2:2000) (Dehydrated Culture Media) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 16649-2:2000

NC: 3821 00 00

Composition (g/l):

Casein Peptone	20,0
Bile Salts.....	1,5
X-β-D-Glucuronide	0,075
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416220.1210	500 g	6

TCBS Cholera Medium (Dehydrated Culture Media) CULTIMED

Media for the cultivation and isolation of Vibrio cholerae and Vibrio parahaemolyticus.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue.....	0,04
Thymol Blue.....	0,04
Dried Bile	5,0
Yeast Extract	5,0
Iron(III) Citrate	1,0
Meat Peptone.....	5,0
Casein Peptone.....	5,0
Saccharose.....	20,0
tri-Sodium Citrate	10,0
Sodium Chloride.....	10,0
Sodium Chololate.....	3,0
Sodium Thiosulphate.....	10,0
Agar	14,0
pH: 8,6±0,2	

Order code	Package	Units/Box st.
413817.1210	500 g	6
413817.0914	5 kg	

Tergitol 7 Agar

(see Chapman TTC (Tergitol 7) Agar)

Tetrathionate Broth Base (Dehydrated Culture Media) CULTIMED

Culture media for the enrichment of Salmonella.

NC: 3821 00 00

Composition (g/l):

Calcium Carbonate.....	10,0
Mixture of Peptones	5,0
Bile Salts.....	1,0
Sodium Thiosulphate.....	30,0
pH: 8,4±0,2	

Order code	Package	Units/Box st.
413814.1210	500 g	6
413814.0914	5 kg	

Tetrathionate Broth Base acc. to Muller-Kauffmann (Dehydrated Culture Media) CULTIMED

Broth base for the enrichment of Salmonella.

NC: 3821 00 00
Composition (g/l):

Ox Bile.....	4,75
Calcium Carbonate.....	25,0
Meat Extract.....	0,9
Yeast Extract.....	1,8
Meat Peptone.....	4,5
Sodium Chloride.....	4,5
Sodium Thiosulphate.....	40,7

pH: 7,6±0,2

Order code	Package	Units/Box st.
414961.1210	500 g	6
414961.0914	5 kg	

Thioglycollate, Liquid Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests.

NC: 3821 00 00
Composition (g/l):

Sodium Thioglycollate.....	0,5
L-Cystine.....	0,5
Yeast Extract.....	5,0
D(+)-Glucose.....	5,0
Pancreatic Digest of Casein.....	15,0
Resazurin.....	0,001
Sodium Chloride.....	2,5
Agar.....	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
413815.1210	500 g	6
413815.0914	5 kg	

Thioglycollate Medium without Indicator (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests.

NC: 3821 00 00
Composition (g/l):

Sodium Thioglycollate.....	0,5
L-Cystine.....	0,25
D(+)-Glucose.....	6,0
Casein Peptone.....	17,0
Soymeal Peptone.....	3,0
Sodium Chloride.....	2,5
Sodium Sulphite.....	0,1
Agar.....	0,75

pH: 7,0±0,2

Order code	Package	Units/Box st.
413816.1210	500 g	6
413816.0914	5 kg	

Thioglycollate Liquid Medium (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests.

NC: 3821 00 00
Composition (g/l):

Sodium Thioglycollate.....	0,5
L-Cystine.....	0,5
Yeast Extract.....	5,0
D(+)-Glucose.....	5,5
Enzym Digest of Casein.....	15,0
Resazurin.....	0,001
Sodium Chloride.....	2,5
Agar.....	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
413912.1210	500 g	6
413912.0914	5 kg	

Todd Hewitt Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a great variety of pathogenic microorganisms.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	2,0
Heart Infusion.....	3,1
Bacteriological Peptone.....	20,0
Sodium Carbonate.....	0,5
Sodium Chloride.....	2,0
di-Sodium Hydrogen Phosphate.....	0,4

pH: 7,8±0,2

Order code	Package	Units/Box st.
413818.1210	500 g	6
413818.0914	5 kg	

Triple Sugar Iron Agar (Dehydrated Culture Media) CULTIMED

Media for the differentiation of Enterobacteriaceae.

NC: 3821 00 00
Composition (g/l):

Ammonium Iron(III) Citrate.....	0,3
D(+)-Glucose.....	1,0
Meat Extract.....	3,0
Yeast Extract.....	3,0
Lactose.....	10,0
Saccharose.....	10,0
Peptone Mixture (Meat/Casein).....	20,0
Phenol Red.....	0,025
Sodium Chloride.....	5,0
Sodium Thiosulphate.....	0,3
Agar.....	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
413771.1210	500 g	6
413771.0914	5 kg	

Tryptone, Bile, X-Glucuronide Agar

(see TBX Agar)

Tryptone Agar with bile salts

(see TBA Agar)

Tryptone Glucose Agar (Dehydrated Culture Media) CULTIMED

Media for the cultivation of aerobic and anaerobic microorganisms.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	5,0
Casein Peptone.....	20,0
Bromothymol Blue.....	0,01
Agar.....	3,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
413841.1210	500 g	6
413841.0914	5 kg	

Tryptone Glucose Extract Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of bacteria and for the detection of thermophilic organisms.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	1,0
Meat Extract.....	3,0
Casein Peptone.....	5,0
Agar.....	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
413844.1210	500 g	6
413844.0914	5 kg	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the cultivation of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):

Papaic Digest of Soya.....	5,0
Pancreatic Digest of Casein.....	15,0
Sodium Chloride.....	5,0
Agar.....	15,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413819.1208	100 g	6
413819.1210	500 g	6
413819.0914	5 kg	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):

Soy Peptone.....	3,0
D(+)-Glucose.....	2,5
Casein Peptone.....	17,0
di-Potassium Hydrogen Phosphate.....	2,5
Sodium Chloride.....	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
413820.1208	100 g	6
413820.1210	500 g	6
413820.0914	5 kg	

Tryptone Soy+Tween+Lecithin Agar

(see Prepared Media: TSA-Tween-Lecithin-Agar)

Tryptone Water

(see Peptone Water)

Tryptone Yeast Extract Agar (ISO 6222:1999) (Dehydrated Culture Media) CULTIMED

Media for the enumeration of microorganisms according ISO 6222:1999

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Tryptone.....	6,0
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
416106.1210	500 g	6

Tryptophan Broth (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED

Culture media for the differential subculture of Coliforms and for the indol test according to ISO 9308-1:2000

NC: 3821 00 00

Composition (g/l):

Casein Peptone.....	10,0
L-Tryptophan	1,0
Sodium Chloride.....	5,0
pH: 7,5±0,2	

Order code	Package	Units/Box st.
416263.1210	500 g	6

Tryptose-Sulphite-Cycloserine Agar

(see TSC Agar Base)

TSA

(see Tryptone Soy Agar (TSA))

TSA-Polysorbate-Lecithin Agar

(see Prepared Media: TSA-Tween-Lecithin-Agar)

TSB

(see Tryptone Soy Broth (TSB))

TSC Agar Base (UNE-EN 13401) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Clostridium perfringens and other anaerobics in water, foods and other materials.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone.....	5,0
Sodium Disulphite	1,0
Tryptose.....	15,0
Agar	15,0
pH: 7,6±0,2	

Order code	Package	Units/Box st.
415576.1210	500 g	6

TSN Agar (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Clostridium perfringens.

NC: 3821 00 00

Composition (g/l):

Neomycin Sulphate.....	0,02
Sodium Sulphite.....	1,0
Yeast Extract	10,0
Iron(III) Citrate.....	0,5
Casein Peptone.....	15,0
Polymyxin B Sulphate	0,05
Agar	13,5
pH: 7,0±0,2	

Order code	Package	Units/Box st.
413833.1210	500 g	6
413833.0914	5 kg	

Urea Agar Base (Dehydrated Culture Media)

CULTIMED

Culture media for the differentiation of enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Urea	20,0
D(+)-Glucose	1,0
Gelatine Peptone.....	1,0
Potassium di-Hydrogen Phosphate	2,0
Phenol Red.....	0,012
Sodium Chloride.....	5,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413821.1210	500 g	6
413821.0914	5 kg	

Urea Broth Base (Dehydrated Culture Media)

CULTIMED

Culture media for the differentiation of enteric bacilli.

NC: 3821 00 00

Composition (g/l):

Urea	20,0
Yeast Extract	0,1
Potassium di-Hydrogen Phosphate	9,1
Phenol Red.....	0,01
di-Sodium Hydrogen Phosphate.....	9,5
pH: 6,8±0,2	

Order code	Package	Units/Box st.
413822.1210	500 g	6
413822.0914	5 kg	

Urea Indole Broth (Dehydrated Culture Media)

CULTIMED

Culture media for the identification of Enterobacteria.

NC: 3821 00 00

Composition (g/l):

Urea	20,0
Potassium di-Hydrogen Phosphate	1,0
di-Potassium Hydrogen Phosphate	1,0
Phenol Red.....	0,025
Sodium Chloride.....	5,0
L-Tryptophan	3,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
414705.1210	500 g	6
414705.0914	5 kg	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture.....	1,5
Crystal Violet	0,002
Neutral Red	0,03
D(+)-Glucose	10,0
Yeast Extract	3,0
Gelatine Peptone.....	7,0
Sodium Chloride.....	5,0
Agar	15,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
413745.1208	100 g	6
413745.1210	500 g	6
413745.0914	5 kg	

Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00

Composition (g/l):

Bile Salts n° 3	1,5
Crystal Violet	0,002
Neutral Red	0,03
Lactose.....	10,0
Yeast Extract	3,0
Gelatine Peptone.....	7,0
Sodium Chloride.....	5,0
Agar	15,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
413746.1208	100 g	6
413746.1210	500 g	6
413746.0914	5 kg	

Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED

Culture media for the enumeration of Enterobacteriaceae according Ph Eur

NC: 3821 00 00

Composition (g/l):

Yeast Extract	3,0
Gelatine Peptone	7,0
Bile Salts n° 3	1,5
D(+)-Glucose	10,0
Lactose	10,0
Sodium Chloride	5,0
Neutral Red	0,03
Crystal Violet	0,002
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
416255.1210	500 g	6

Vogel-Johnson Agar (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Staphylococcus mannitol-positive.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
Glycine	10,0
Lithium Chloride	5,0
D(-)-Mannitol	10,0
di-Potassium Hydrogen Phosphate	5,0
Phenol Red	0,025
Tryptone	10,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
413825.1210	500 g	6
413825.0914	5 kg	

VRBG Agar

(see Violet Red Bile Glucose Agar (VRBG))

VRBL Agar

(see Violet Red Bile Lactose Agar (VRBL))

VRBLG Agar

(see Violet Red Bile Lactose and Glucose Agar (VRBLG))

Wilkins-Chalgren Agar (Dehydrated Culture Media) CULTIMED

Culture media for the cultivation and antimicrobial susceptibility testing of anaerobic bacteria.

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extract	5,0
D(+)-Glucose	1,0
Hemin	0,005
Peptone	10,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Tryptone	10,0
Vitamin K ₁	0,005
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
414715.1210	500 g	6

Wilkins-Chalgren Modified Agar (Dehydrated Culture Media) CULTIMED

Culture media for the Anaerobic and Staphylococcus impedancimetry

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extrat	5,0
D(+)-Glucose	41,0
Hemine	0,005
Trypticase Peptone	10,0
Gelatine Peptone	10,0
Gelatine	8,0
Ammonium Sulphate	5,0
Calcium Chloride	0,1
Iron Sulphate	0,1
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Sodium Hydrogen Carbonate	1,0
Agar	0,3

pH: 7,1±0,2

Order code	Package	Units/Box st.
416188.1210	500 g	6

Wilkins-Chalgren Broth (Dehydrated Culture Media) CULTIMED

Media for the cultivation and antimicrobial susceptibility (MIC) testing of anaerobic bacteria.

NC: 3821 00 00

Composition (g/l):

L-Arginine	1,0
Yeast Extract	5,0
D(+)-Glucose	1,0
Hemin	0,005
Tryptone	10,0
Bacteriological Peptone	10,0
Sodium Chloride	5,0
Sodium Pyruvate	1,0
Vitamin K ₁	0,005

pH: 7,1±0,2

Order code	Package	Units/Box st.
415433.1210	500 g	6

Wilson Blair Agar

(see Bismuth Sulphite Agar)

WL Differential Agar (Dehydrated Culture Media) CULTIMED

Media for the differential cultivation of bacteria in the brewing processes and other fermentation industries.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,125
Cycloheximide	0,004
Yeast Extract	4,0
D(+)-Glucose	50,0
Iron(III) Chloride	0,0025
Magnesium Sulphate	0,125
Manganese(II) Sulphate	0,0025
Tryptone	5,0
Potassium Chloride	0,425
Potassium di-Hydrogen Phosphate	0,55
Bromocresol Green	0,022
Agar	20,0

pH: 5,5±0,2

Order code	Package	Units/Box st.
413843.1210	500 g	6
413843.0914	5 kg	

WL Nutrient Agar (Dehydrated Culture Media) CULTIMED

Culture media for the determination of microbial flora in the brewing processes and other fermentation industries.

NC: 3821 00 00

Composition (g/l):

Calcium Chloride	0,125
Yeast Extract	4,0
D(+)-Glucose	50,0
Iron(III) Chloride	0,0025
Magnesium Sulphate	0,125
Manganese(II) Sulphate	0,0025
Potassium Chloride	0,425
Potassium di-Hydrogen Phosphate	0,55
Tryptone	5,0
Bromocresol Green	0,022
Agar	15,0

pH: 5,5±0,2

Order code	Package	Units/Box st.
413791.1210	500 g	6
413791.0914	5 kg	

XLD Agar (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella and Shigella according ISO 6579:2002

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,8
Yeast Extract	3,0
Lactose	7,5
L-Lysine	5,0
Phenol Red	0,08
Saccharose	7,5
Sodium Chloride	5,0
Sodium Desoxycholate	1,0
Sodium Thiosulphate	6,8
D(+)-Xylose	3,75
Agar	13,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
416270.1210	500 g	6

XLD Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED

Culture media for the isolation of Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate.....	0,8
Yeast Extract	3,0
Lactose.....	7,5
L-Lysine.....	5,0
Phenol Red.....	0,08
Saccharose.....	7,5
Sodium Chloride.....	5,0
Sodium Desoxycholate.....	2,5
Sodium Thiosulphate.....	6,8
D(+)-Xylose.....	3,5
Agar.....	13,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
413826.1208	100 g	6
413826.1210	500 g	6
413826.0914	5 kg	

Yeast Extract Agar (Dehydrated Culture Media) CULTIMED

Media for the culture of moulds and yeast.

NC: 3821 00 00

Composition (g/l):

Yeast Extract	5,0
D(+)-Glucose	10,0
Agar.....	20,0

pH: 6,5±0,2

Order code	Package	Units/Box st.
413897.1210	500 g	6

PREPARED MEDIA

PREPARED PLATES FOR WATER ANALYSIS THROUGH MEMBRANE FILTRATION

CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55 mm))

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):

Peptone.....	3,0
Sodium Chloride.....	5,0
Monosodium Phosphate.....	2,2
Disodium Phosphate.....	2,7
Sodium Pyruvate.....	1,0
L-Tryptofan.....	1,0
Agar.....	10,0
Sorbitol.....	1,0
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....	0,15
Cefsulodin.....	0,005
Vancomycin.....	0,005
Chromogenic β GLU Substrate.....	0,2
Chromogenic Salmon GAL Substrate.....	0,2

pH: 6,8±0,2

Order code	Package	Units/Box st.
446910.0922	30 dishes	6

m-CP Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water.

NC: 3821 00 00

Composition (g/l):

D-Cycloserine.....	0,4
L-Cysteine mono-Hydrochloride 1-hydrate.....	1,0
Yeast Extract	20,0
Phenolphthalein di-Phosphate sol. 0,5%.....	20,0
Iron(III) Chloride 6-hydrate sol. 4,5%.....	2,0
3-Indoxyl-β-D-Glucopyranoside 3-hydrate.....	0,06
Magnesium Sulphate 7-hydrate.....	0,1
Polymyxin B Sulphate.....	0,025
Bromocresol Purple.....	0,04
Saccharose.....	5,0
Tryptose.....	30,0
Agar.....	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
425463.0922	12 dishes and filters	

m-CP Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the enumeration of C. perfringens (spores included) from surface and drinking water.

NC: 3821 00 00

Composition (g/l):

D-Cycloserine.....	0,4
L-Cysteine mono-Hydrochloride 1-hydrate.....	1,0
Yeast Extract	20,0
Phenolphthalein di-Phosphate sol. 0,5%.....	20,0
Iron(III) Chloride 6-hydrate sol. 4,5%.....	2,0
3-Indoxyl-β-D-Glucopyranoside 3-hydrate.....	0,06
Magnesium Sulphate 7-hydrate.....	0,1
Polymyxin B Sulphate.....	0,025
Bromocresol Purple.....	0,04
Saccharose.....	5,0
Tryptose.....	30,0
Agar.....	15,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
445463.0922	12 dishes	

Nutrient Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	3,0
Meat Peptone.....	5,0
Agar.....	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
423792.0922	30 dishes and filters	

Nutrient Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	3,0
Meat Peptone.....	5,0
Agar.....	12,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
443792.0922	30 dishes	

Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide.....	0,2
Nalidixic Acid.....	0,015
Glycerol.....	10,0
Magnesium Chloride.....	1,4
Casein Peptone.....	10,0
Gelatine Peptone.....	16,0
Potassium Sulphate.....	10,0
Agar.....	11,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
423752.0922	30 dishes and filters	

Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00

Composition (g/l):

Cetrimide.....	0,2
Nalidixic Acid.....	0,015
Glycerol.....	10,0
Magnesium Chloride.....	1,4
Casein Peptone.....	10,0
Gelatine Peptone.....	16,0
Potassium Sulphate.....	10,0
Agar.....	11,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
443752.0922	30 dishes	

R2A Agar (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of heterotrophic bacteria in water according to Ph. Eur.

NC: 3821 00 00
Composition (g/l):

Proteose Peptone.....	0,5
Casein Peptone.....	0,5
Yeast Extract.....	0,5
Glucose.....	0,5
Starch soluble.....	0,5
Sodium Pyruvate.....	0,3
di-Potassium Hydrogen Phosphate.....	0,3
Magnesium Sulphate.....	0,024
Agar.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446197.0922	30 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	40,0
Chloramphenicol.....	0,05
Casein Peptone.....	5,0
Meat Peptone.....	5,0
Agar.....	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
423842.0922	30 dishes and filters	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	40,0
Chloramphenicol.....	0,05
Casein Peptone.....	5,0
Meat Peptone.....	5,0
Agar.....	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
443842.0922	30 dishes	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00
Signal Word: Warning

H302
Composition (g/l):

Yeast Extract.....	5,0
D(+)-Glucose.....	2,0
di-Potassium Hydrogen Phosphate.....	4,0
Sodium Azide.....	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....	0,1
Tryptose.....	20,0
Agar.....	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
423812.0922	30 dishes and filters	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00
Signal Word: Warning

H302
Composition (g/l):

Yeast Extract.....	5,0
D(+)-Glucose.....	2,0
di-Potassium Hydrogen Phosphate.....	4,0
Sodium Azide.....	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....	0,1
Tryptose.....	20,0
Agar.....	10,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
443812.0922	30 dishes	

SPS Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00
Composition (g/l):

Sodium Sulphite.....	0,5
Polymyxin B Sulphate.....	0,01
Sodium Sulfadiazine.....	0,12
Yeast Extract.....	10,0
Iron(III) Citrate.....	0,5
Casein Peptone.....	15,0
Agar.....	13,9

pH: 7,0±0,2

Order code	Package	Units/Box st.
424125.0922	30 dishes and filters	

SPS Agar (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00
Composition (g/l):

Sodium Sulphite.....	0,5
Polymyxin B Sulphate.....	0,01
Sodium Sulfadiazine.....	0,12
Yeast Extract.....	10,0
Iron(III) Citrate.....	0,5
Casein Peptone.....	15,0
Agar.....	13,9

pH: 7,0±0,2

Order code	Package	Units/Box st.
444125.0922	30 dishes	

TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00
Composition (g/l):

Tryptone.....	17,0
Peptone.....	3,0
Bile Salts.....	1,5
Agar.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
426262.0922	30 dishes and filters	

TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Selective culture media for the determination and the enumeration of E.coli according to ISO 9308-1:2000

NC: 3821 00 00
Composition (g/l):

Tryptone.....	17,0
Peptone.....	3,0
Bile Salts.....	1,5
Agar.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446262.0922	30 dishes	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00
Composition (g/l):

Bromothymol Blue.....	0,05
Yeast Extract.....	6,0
Meat Extract.....	5,0
Lactose.....	20,0
Peptone.....	10,0
Sodium Heptadecyl Sulphate.....	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride.....	0,025
Agar.....	17,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
424955.0922	30 dishes and filters	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00
Composition (g/l):

Bromothymol Blue	0,05
Yeast Extract	6,0
Meat Extract	5,0
Lactose	20,0
Peptone	10,0
Sodium Heptadecyl Sulphate	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,025
Agar	17,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
444955.0922	30 dishes 	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm) and filter) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
426106.0922	30 dishes and filters 	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm)) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
446106.0922	30 dishes 	

TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED

Culture media for the detection and enumeration of Clostridium perfringens and other anaerobics in water, foods and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
445576.0922	30 dishes 	

CONTACT PLATES FOR HYGIENE SURFACE CONTROL

Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00
Composition (g/l):

Egg-Yolk Emulsion	47,0
Meat Extract	5,0
Yeast Extract	1,0
Glycine	12,0
Lithium Chloride	5,0
Potassium Tellurite	0,1
Sodium Pyruvate	10,0
Tryptone	10,0
Agar	20,5

pH: 6,9±0,2

Order code	Package	Units/Box st.
433744.0922	30 dishes 	

Cetrimide Agar (Ph. Eur.) (Contact Plate) CULTIMED

Culture media for the enumeration of Pseudomonas aeruginosa.

NC: 3821 00 00
Composition (g/l):

Cetrimide	0,3
Glycerol	10,0
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6

pH: 7,2±0,2

Order code	Package	Units/Box st.
436256.0922	30 dishes 	

Mannitol Salt Agar (Ph. Eur.) (Contact Plate) CULTIMED

Media for cultivation and enumeration of Staphylococci.

NC: 3821 00 00
Composition (g/l):

Sodium Chloride	75,0
D(-)-Mannitol	10,0
Meat Extract	1,0
Meat Peptone	5,0
Phenol Red	0,025
Casein Peptone	5,0
Agar	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
433783.0922	30 dishes 	

Plate Count Agar (PCA) (ISO 4833:2003) (Contact Plate) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Tryptone	5,0
Agar	20,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
433799.0922	30 dishes 	

Rose Bengal Chloramphenicol Agar (Contact Plate) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00
Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	20,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
434855.0922	30 dishes 	

Sabouraud Glucose Agar (Contact Plate) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Peptone	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
433802.0922	30 dishes 	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Contact Plate) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Peptones Mixture	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
433842.0922	30 dishes 	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Contact Plate) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):
Soy Peptone.....5,0
Casein Peptone.....15,0
Sodium Chloride.....5,0
Agar.....20,5
pH: 7,3±0,2

Order code	Package	Units/Box st.
433819.0922	30 dishes	

TSA-Tween-Lecithin-Agar (Ph. Eur.) (Contact Plate) CULTIMED

Recommended culture media for the detection and enumeration of a wide variety of microorganisms. The presence of Lecithin and Tween neutralizes the antimicrobial activity, thus permitting the detection of pathogens on surfaces containing: Aldehydes, phenolic derivatives or quaternary ammonium salts.

NC: 3821 00 00
Composition (g/l):
Polysorbate 80.....5,0
Lecithin.....0,7
Histidine.....1,0
Casein Peptone.....15,0
Soy Peptone.....5,0
Sodium Chloride.....5,0
Sodium Thiosulphate.....0,5
Agar.....15,0
pH: 7,3±0,2

Order code	Package	Units/Box st.
435095.0922	30 dishes	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Contact Plate) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00
Composition (g/l):
Bile Salts Mixture.....1,5
Crystal Violet.....0,002
Neutral Red.....0,03
D(+)-Glucose.....10,0
Yeast Extract.....3,0
Gelatine Peptone.....7,0
Sodium Chloride.....5,0
Agar.....20,5
pH: 7,4±0,2

Order code	Package	Units/Box st.
433745.0922	30 dishes	

Violet Red Bile Lactose Agar (VRBL) (Contact Plate) CULTIMED

Culture media for the detection and enumeration of Coliforms.

NC: 3821 00 00
Composition (g/l):
Bile Salts Mixture.....1,5
Crystal Violet.....0,002
Neutral Red.....0,03
Lactose.....10,0
Yeast Extract.....3,0
Meat Peptone.....7,0
Sodium Chloride.....5,0
Agar.....15,0
pH: 7,4±0,2

Order code	Package	Units/Box st.
433746.0922	30 dishes	

PREPARED PLATES (Ø 90 mm)

Bacillus Cereus according to Mossel Agar Base (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration and isolation of Bacillus Cereus according Mossel

NC: 3821 00 00
Composition (g/l):
Phenol Red.....0,025
D(-)-Mannitol.....10,0
Polymyxin B.....0,1
Casein Peptone.....10,0
Egg Yolk Emulsion.....100
Meat Extract.....1,0
Sodium Chloride.....10,0
Agar.....12,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
456271.0922	20 dishes	

Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00
Composition (g/l):
Egg Yolk Emulsion.....47,0
Meat Extract.....5,0
Yeast Extract.....1,0
Glycine.....12,0
Lithium Chloride.....5,0
Potassium Tellurite.....0,1
Sodium Pyruvate.....10,0
Tryptone.....10,0
Agar.....20,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
453744.0922	20 dishes	

BCYE without Cysteine Agar (ISO 11731) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and isolation of Legionella.

NC: 3821 00 00
Composition (g/l):
ACES.....10,0
Charcoal Activated.....2,0
Yeast Extract.....10,0
Iron Pyrophosphate.....0,25
α-Ketoglutarate.....1,0
Potassium Hydroxide.....2,8
Agar.....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
456267.0922	20 dishes	

BCYEx Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and isolation of Legionella.

NC: 3821 00 00
Composition (g/l):
ACES.....10,0
Charcoal Activated.....2,0
L-Cysteine mono-Hydrochloride.....0,4
Yeast Extract.....10,0
Iron Pyrophosphate.....0,25
α-Ketoglutarate.....1,0
Potassium Hydroxide.....2,8
Agar.....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
456266.0922	20 dishes	

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the presumptive identification of Enterococci

NC: 3821 00 00
Signal Word: Warning



H302-H412

Composition (g/l):
Ox Bile.....10,0
Esculin.....1,0
Sodium Azide.....0,15
Yeast Extract.....5,0
Iron(III) Citrate.....0,5
Peptone.....3,0
Sodium Chloride.....5,0
Tryptone.....17,0
Agar.....15,0
pH: 7,1±0,2

Order code	Package	Units/Box st.
455523.0922	20 dishes	

Brilliant Green Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation of Salmonella

NC: 3821 00 00
Composition (g/l):
Brilliant Green.....0,0125
Yeast Extract.....3,0
Lactose.....10,0
Meat Peptone.....5,0
Casein Peptone.....5,0
Phenol Red.....0,08
Saccharose.....10,0
Sodium Chloride.....5,0
Agar.....15,0
pH: 6,9±0,2

Order code	Package	Units/Box st.
453823.0922	20 dishes	

Cetrimide Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration of *Pseudomonas aeruginosa*.

NC: 3821 00 00

Composition (g/l):	
Cetrimide.....	0,3
Glycerol.....	10,0
Magnesium Chloride.....	1,4
Gelatine Peptone.....	20,0
Potassium Sulphate.....	10,0
Agar.....	13,6
pH: 7,2±0,2	

Order code	Package	Units/Box st.
456256.0922	20 dishes 	

E.coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

SPECIFICATIONS:

Composition (g/l):	
Chromogenic mixture.....	0,36
Bacteriological Peptone.....	3,0
Sodium Chloride.....	5,0
Sodium Pyruvate.....	1,0
Sorbitol.....	1,0
Phosphate Buffer.....	4,9
Tergitol-7.....	0,1
Tryptophan.....	1,0
Agar.....	10,0
pH: 6,8 ±0,2	

Order code	Package	Units/Box st.
456109.0952	10 dishes 	

EMB Agar acc. to Levine (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and differentiation of enteric bacilli and Coliform microorganisms.

NC: 3821 00 00

Composition (g/l):	
Eosin Yellowish.....	0,4
Methylene Blue.....	0,065
Lactose.....	10,0
Gelatine Peptone.....	10,0
di-Potassium Hydrogen Phosphate.....	2,0
Agar.....	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
453763.0922	20 dishes 	

Hektoen Enteric Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation and differentiation of Enterobacteriaceae pathogens in various materials. It is indicated for the differentiation of *Salmonella* and *Shigella*.

NC: 3821 00 00

Composition (g/l):	
Ammonium Iron(III) Citrate.....	1,5
Bromothymol Blue.....	0,05
Yeast Extract.....	3,0
Fuchsin Acid.....	0,08
Lactose.....	14,0
Meat Peptone.....	15,0
Saccharose.....	14,0
Bile Salts.....	2,0
D(-)-Salicin.....	2,0
Sodium Chloride.....	5,0
Sodium Thiosulphate.....	5,0
Agar.....	13,5
pH: 7,6±0,2	

Order code	Package	Units/Box st.
453768.0922	20 dishes 	

Legionella Selective Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and isolation of *Legionella* species from clinical and nonclinical samples.

NC: 3821 00 00

Composition (g/l):	
ACES Buffer.....	10,0
Charcoal Activated.....	2,0
Cycloheximide.....	0,08
L-Cysteine Chloride.....	0,4
Yeast Extract.....	10,0
Glycine.....	3,0
Iron Pyrophosphate.....	0,25
α-Ketoglutarate.....	1,0
Polymyxin B Sulphate.....	80.000 IU
Potassium Hydroxide.....	2,8
Vancomycin.....	0,001
Agar.....	16,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
455378.0922	20 dishes 	

Listeria Chromogenic Agar (ISO 11290-1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the study of Coliforms organisms.

NC: 3821 00 00

Composition (g/l):	
Meat Peptone.....	18,00
Lithium Chloride.....	10,00
Yeast Extract.....	10,00
Tryptone.....	6,00
Sodium Chloride.....	5,00
di-Sodium Hydrogen Phosphate anhydrous.....	2,50
Glucose.....	2,00
Sodium Pyruvate.....	2,00
Magnesium glycerophosphate.....	1,00
Magnesium Sulphate.....	0,50
X-Glucoside.....	0,05
Lipase C Sustrat.....	1,0
Cicloheximide.....	0,10
Ceftazimide.....	0,02
Nalidixic Acid.....	0,02
Polymixine B.....	76700 IU
Bacteriological Agar.....	13,50
pH: 7,2±0,2	

Order code	Package	Units/Box st.
456891.0952	10 dishes 	

MacConkey Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the study of Coliforms organisms.

NC: 3821 00 00

Composition (g/l):	
Lactose.....	10,0
Peptones (meat and casein).....	3,0
Neutral Red.....	0,03
Bile Salts n° 3.....	1,5
Gelatine Peptone.....	17,0
Sodium Chloride.....	5,0
Crystal Violet.....	0,001
Agar.....	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
453779.0922	20 dishes 	

MacConkey Sorbitol Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Selective culture media used in the *E. coli* investigation

NC: 3821 00 00

Composition (g/l):	
D-Sorbitol.....	10,0
Peptone.....	20,0
Bile Salts n. 3.....	1,5
Neutral Red.....	0,03
Sodium Chloride.....	5,0
Crystal Violet.....	0,001
Cefixime.....	0,00005
Potassium Tellurite.....	0,0025
Agar.....	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
455641.0922	20 dishes 	

Mannitol Salt Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for cultivation and enumeration of *Staphylococci*.

NC: 3821 00 00

Composition (g/l):	
Sodium Chloride.....	75,0
D(-)-Mannitol.....	10,0
Meat Extract.....	1,0
Meat Peptone.....	5,0
Phenol Red.....	0,025
Casein Peptone.....	5,0
Agar.....	15,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
453783.0922	20 dishes 	

Nutrient Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):	
Meat Extract.....	3,0
Meat Peptone.....	5,0
Agar.....	12,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
453792.0922	20 dishes 	

OGYE Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the isolation, enumeration and cultivation of yeast and fungi

NC: 3821 00 00
Composition (g/l):

Oxytetracycline.....	0,1
Yeast Extract	5,0
Biotin	0,0001
D(+)-Glucose	20,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
456082.0922	20 dishes	

PALCAM Agar (ISO 11290-1:1996) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the selective isolation, cultivation and differentiation of Listeria monocytogenes and other Listeria species from foods.

NC: 3821 00 00
Signal Word: Warning

H319-H315

Composition (g/l):

Polymyxin B Sulphate	0,01
Acriflavine Chloride	0,005
Lithium Chloride	15,0
Ceftazidim	0,02
Esculin	0,8
D(-)-Mannitol	10,0
D(+)-Glucose	0,5
Starch	1,0
Ammonium Iron(III) Citrate.....	0,5
Peptone	23,0
Yeast Extract	3,0
Phenol Red	0,08
Sodium Chloride.....	5,0
Agar	13,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
455380.0922	20 dishes	

Plate Count Agar (ISO 4833:2003) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Casein Peptone	5,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
453799.0922	20 dishes	

Rose Bengal Chloramphenicol Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00
Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate.....	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
454855.0922	20 dishes	

Sabouraud Glucose Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
453802.0922	20 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone.....	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
453842.0922	20 dishes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (irradiated) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone.....	5,0
Meat Peptone.....	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
456213.0922	20 dishes	

Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00
Composition (g/l):

Chromogenic mixture	0,28
IPTG	0,03
Casein Peptone.....	5,0
Meat Extract.....	5,0
Ferric Ammonium Citrate	0,5
Sodium Citrate	8,5
Sodium Desoxicolate	5,0
Bacteriological Agar	12,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
456110.0952	10 dishes	

Salmonella Shigella Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Selective medium for the isolation of Shigella and Salmonella.

NC: 3821 00 00
Composition (g/l):

Ammonium Iron(III) Citrate.....	1,0
Ox Bile.....	8,5
Lactose	10,0
Peptone	10,0
Neutral Red	0,025
tri-Sodium Citrate.....	10,0
Sodium Thiosulphate.....	8,5
Brilliant Green	0,0003
Agar	12,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
453805.0922	20 dishes	

Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00
Composition (g/l):

Peptone Mixture	11,00
Growth Factors.....	78,00
Chromogenic Substrate	1,90
Cefoxitin	4 mg
Bacteriological Agar	12,50

pH: 7,2±0,2

Order code	Package	Units/Box st.
456892.0952	10 dishes	

Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of Enterococci in water and foods.

NC: 3821 00 00

Signal Word: Warning



H302

Composition (g/l):	
Yeast Extract	5,0
D(+)-Glucose	2,0
Casein Peptone	15,0
Soy Peptone	5,0
di-Potassium Hydrogen Phosphate	4,0
Sodium Azide	0,4
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,1
Agar	10,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
453812.0922	20 dishes	

SPS Agar (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00

Composition (g/l):

Sodium Sulphite	0,5
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,90
pH: 7,0±0,2	

Order code	Package	Units/Box st.
454125.0922	20 dishes	

TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

NC: 3821 00 00

Composition (g/l):

Casein Peptone	20,0
Bile Salts	1,5
X-β-D-Glucuronide	0,075
Bacteriological Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
456220.0952	10 dishes	

Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the detection and enumeration of total and faecal Coliforms in water by the membrane filter method.

NC: 3821 00 00

Composition (g/l):

Bromothymol Blue	0,03
Yeast Extract	3,0
Lactose	10,0
Peptone	5,0
Sodium Heptadecyl Sulphate	0,1
2,3,5-Triphenyl-2H-Tetrazolium Chloride	0,04
Agar	15,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
454955.0922	20 dishes	

Trypstone Soy Agar (TSA) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00

Composition (g/l):

Soy Peptone	5,0
Casein Peptone	15,0
Sodium Chloride	5,0
Agar	15,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
453819.0922	20 dishes	

TSA-Tween-Lecithin-Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Recommended culture media for the detection and enumeration of a wide variety of microorganisms. The presence of Lecithin and Tween neutralizes the antimicrobial activity, thus permitting the detection of pathogens on surfaces containing: Aldehydes, phenolic derivatives or quaternary ammonium salts.

NC: 3821 00 00

Composition (g/l):

Polysorbate 80	5,0
Lecithin	0,7
Histidine	1,0
Casein Peptone	15,0
Soy Peptone	5,0
Sodium Chloride	5,0
Sodium Thiosulphate	0,5
Agar	15,0
pH: 7,3±0,2	

Order code	Package	Units/Box st.
455095.0922	20 dishes	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the cultivation and enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture	1,5
Crystal Violet	0,002
Neutral Red	0,03
D(+)-Glucose	10,0
Yeast Extract	3,0
Gelatine Peptone	7,0
Sodium Chloride	5,0
Agar	13,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
453745.0922	20 dishes	

Violet Red Bile Lactose Agar (VRBL) (Prepared Plate (Ø 90 mm)) CULTIMED

Selective and differential media for the detection and enumeration of Coliforms in milk and dairy products. Also it is used in water and foodstuffs.

NC: 3821 00 00

Composition (g/l):

Bile Salts Mixture	1,5
Crystal Violet	0,002
Neutral Red	0,03
Lactose	10,0
Yeast Extract	3,0
Gelatine Peptone	7,0
Sodium Chloride	5,0
Agar	12,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
453746.0922	20 dishes	

XLD Medium (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED

Culture media for the isolation of pathogenic Enterobacteriaceae, specially Salmonella and Shigella.

NC: 3821 00 00

Composition (g/l):

Ammonium Iron(III) Citrate	0,8
Yeast Extract	3,0
Lactose	7,5
L-Lysine	5,0
Phenol Red	0,08
Saccharose	7,5
Sodium Chloride	5,0
Sodium Desoxycholate	2,5
Sodium Thiosulphate	6,8
D(+)-Xylose	3,5
Agar	13,5
pH: 7,4±0,2	

Order code	Package	Units/Box st.
453826.0922	20 dishes	

PREPARED TUBES

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Tubes) CULTIMED

Culture media for the presumptive identification of Enterococci

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):	
Ox Bile	10,0
Esculin	1,0
Sodium Azide	0,15
Yeast Extract	5,0
Iron(III) Citrate	0,5
Peptone	3,0
Sodium Chloride	5,0
Tryptone	17,0
Agar	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
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465523.0922	15 tubes	
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Brilliant Green Bile 2% Broth (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of Coliforms in materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):	
Ox Bile, Dehydrated	20,0
Brilliant Green	0,0133
Lactose	10,0
Peptone	10,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
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463748.0922	20 tubes with bell	
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Brilliant Green Bile 2% Broth (2X) (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of Coliforms in materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):	
Ox Bile, Dehydrated	40,0
Brilliant Green	0,0266
Lactose	20,0
Peptone	20,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
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465447.0922	15 tubes with bell	
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Buffered Peptone Water (ISO 6579:2002) (Prepared Tubes) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3821 00 00

Composition (g/l):	
Casein Peptone	10,0
Sodium Chloride	5,0
di-Sodium Phosphate 12-hydrate	9,0
mono-Potassium Phosphate	1,5
pH: 7,0±0,2	

Order code	Package	Units/Box st.
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463795.0922	20 tubes	
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Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Tubes) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3504 00 90

Composition (g/l):	
Peptone	1,00
Potassium di-Hydrogen Phosphate	3,56
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate	7,23
pH: 7,0±0,2	

Order code	Package	Units/Box st.
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464944.0922	20 tubes	
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EC Medium (Prepared Tubes) CULTIMED

Culture media for the cultivation and differentiation of Coliform bacteria and of Escherichia coli in water, foods and other specimens.

NC: 3821 00 00

Composition (g/l):	
Lactose	5,0
Casein Peptone	20,0
Potassium di-Hydrogen Phosphate	1,5
di-Potassium Hydrogen Phosphate	4,0
Bile Salts	1,5
Sodium Chloride	5,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
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463761.0922	20 tubes with bell	
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EE Broth (Ph. Eur.) (Prepared Tubes) CULTIMED

Culture media used for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):	
Ox bile	20,0
D(+)-Glucose	5,0
Gelatine Peptone	10,0
Potassium di-Hydrogen Phosphate	2,0
di-Sodium Hydrogen Phosphate	8,0
Brilliant Green	0,015
pH: 7,2±0,2	

Order code	Package	Units/Box st.
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463829.0922	20 tubes	
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Giolitti-Cantoni Broth (Prepared Tubes) CULTIMED

Culture media for the detection of Staphylococcus aureus in food samples.

NC: 3821 00 00

Composition (g/l):	
Meat Extract	5,0
Yeast Extract	5,0
Glycine	1,2
Lithium Chloride	5,0
D(-)-Mannitol	20,0
Casein Peptone	10,0
Potassium Tellurite	0,052
Sodium Chloride	5,0
Sodium Pyruvate	3,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
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463765.0922	15 tubes	
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Kanamycin Esculin Azide Broth (CeNAN) (Prepared Tubes) CULTIMED

Media for the isolation, cultivation, enumeration and confirmation of Enterococci from foods, water and other biological specimens.

NC: 3821 00 00

Signal Word: Warning



H302-H412

Composition (g/l):	
Kanamycin Sulphate	0,02
Esculin	1,0
Sodium Azide	0,15
Ammonium Iron(III) Citrate	0,5
Yeast Extract	5,0
Sodium Chloride	5,0
di-Sodium Hydrogen Citrate	1,0
Tryptone	20,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
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464695.0922	20 tubes	
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Kligler Iron Agar (Prepared Tubes) CULTIMED

Media for the differentiation and identification of Gram-negative enteric bacilli based on sugar fermentation (glucose and lactose) and Hydrogen Sulphide production.

NC: 3821 00 00

Composition (g/l):	
Iron(III) Citrate	0,3
Meat Extract	3,0
Yeast Extract	3,0
D(+)-Glucose	1,0
Lactose	10,0
Peptone	20,0
Phenol Red	0,05
Sodium Chloride	5,0
Sodium Thiosulphate	0,3
Agar	12,0
pH: 7,4±0,2	

Order code	Package	Units/Box st.
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463769.0922	20 tubes	
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Lactosed Broth (Ph. Eur.) (Prepared Tubes) CULTIMED

Medium for the detection of Coliforms, specially E.coli, and other lactose-fermenters, in water, milk and food specimens.

NC: 3821 00 00

Composition (g/l):

Lactose.....	5,0
Meat Extract.....	3,0
Gelatine Peptone.....	5,0
pH: 6,9±0,2	

Order code	Package	Units/Box st.
463776.0922	20 tubes with bell	

Lactose Sulphite, Medium (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the presumptive test for Clostridium according to Ph. Eur.

NC: 3821 00 00

Composition (g/l):

Lactose.....	10,0
Sodium meta-Bisulphite.....	0,7
Tryptone.....	5,0
Yeast Extract.....	2,5
Sodium Chloride.....	2,5
L-Cystein.....	0,3
Ammonium Iron(III) Citrate.....	0,5
pH: 7,1±0,2	

Order code	Package	Units/Box st.
466254.0922	20 tubes with bell	

Lauryl Tryptose Broth (Prepared Tubes) CULTIMED

Culture media for the enumeration and detection of Coliforms in water, milk and other food products.

NC: 3821 00 00

Composition (g/l):

Sodium Dodecyl Sulphate.....	0,10
Tryptose.....	20,0
Lactose.....	5,0
Potassium di-Hydrogen Phosphate.....	2,75
di-Potassium Hydrogen Phosphate.....	2,75
Sodium Chloride.....	5,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
463827.0922	20 tubes with bell	

Lauryl Tryptose Broth (2X) (Prepared Tubes) CULTIMED

Culture media for the enumeration and detection of Coliforms in water, milk and other food products.

NC: 3821 00 00

Composition (g/l):

Sodium Dodecyl Sulphate.....	0,20
Tryptose.....	40,0
Lactose.....	10,0
Potassium di-Hydrogen Phosphate.....	5,5
di-Potassium Hydrogen Phosphate.....	5,5
Sodium Chloride.....	10,0
pH: 6,8±0,2	

Order code	Package	Units/Box st.
465445.0922	15 tubes with bell	

Lethen Broth (modified) (Prepared Tubes) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):

Meat Extract.....	5,0
Yeast Extract.....	2,0
Lecithin.....	0,7
Casein Peptone.....	15,0
Meat Peptone.....	10,0
Sodium Chloride.....	10,0
Sodium Bisulphite.....	0,1
Tween.....	5,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
465382.0922	20 tubes 	

Fraser Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED

Culture media for secondary enrichment of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Esculin.....	1,0
Yeast Extract.....	5,0
Lithium Chloride.....	3,0
Potassium di-Hydrogen Phosphate.....	1,35
Meat Peptone.....	5,0
Sodium Chloride.....	20,0
di-Sodium Phosphate.....	12,0
Tryptone.....	5,0
Meat Extrat.....	5,0
Ammonium Iron(III) Citrate.....	0,5
Nalidixic Acid.....	0,02
Acryflavine.....	0,025
pH: 7,1±0,2	

Order code	Package	Units/Box st.
466268.0922	20 tubes 	

Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED

Culture media for primary enrichment of Listeria monocytogenes

NC: 3821 00 00

Composition (g/l):

Meat Peptone.....	5,0
Casein Peptone.....	5,0
Yeast Extract.....	5,0
Meat Extract.....	5,0
Sodium Chloride.....	20,0
di-Sodium Phosphate.....	12,0
Monopotassium Phosphate.....	1,35
Esculin.....	1,0
Lithium Chloride.....	3,0
Ammonium Iron(III) Citrate.....	0,5
Nalidixic Acid.....	0,01
Acryflavine.....	0,012
pH: 7,2±0,2	

Order code	Package	Units/Box st.
466269.0922	20 tubes 	

Lysine Iron Agar (Prepared Tubes) CULTIMED

Media for the cultivation and differentiation of Salmonella and Arizona, based on Lysine decarboxilation.

NC: 3821 00 00

Composition (g/l):

Iron(III) Citrate.....	0,5
L-Lysine.....	10,0
Yeast Extract.....	3,0
D(+)-Glucose.....	1,0
Peptone.....	5,0
Bromocresol Purple.....	0,02
Sodium Thiosulphate.....	0,04
Agar.....	12,0
pH: 6,7±0,2	

Order code	Package	Units/Box st.
463770.0922	20 tubes 	

M-Cetrimide (3 ml ampoules) CULTIMED

NC: 3821 00 00

Composition (g/l):

Cetrimide.....	0,3
Glycerol.....	12,5
Magnesium Chloride.....	1,4
Gelatine Peptone.....	20,0
Potassium Sulphate.....	10,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
466885.0922	50x3 ml 	

M-Endo (3 ml ampoules) CULTIMED

NC: 3821 00 00

Composition (g/l):

Yeast extract.....	1,5
Caseine Peptone.....	5
Thiopeptone.....	5
Tryptose.....	10
Lactose.....	12,5
Sodium Desoxicholate.....	0,1
di-Potassium Hydrogen Phosphate.....	4,38
Potassium di-Hydrogen Phosphate.....	1,38
Sodium Chloride.....	5
Sodium Sulphite.....	2,1
Sodium Dodecyl Sulphate.....	0,05
Fuchsin Basic.....	1,05
pH: 7,2±0,2	

Order code	Package	Units/Box st.
466890.0922	50x3 ml 	

M-FC (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):

Aniline Blue.....	0,1
Yeast Extract.....	3,0
Lactose.....	12,5
Protease Peptone n° 3.....	5,0
Bile Salt n° 3.....	1,5
Sodium Chloride.....	5,0
Tryptose.....	10,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
466888.0922	50x3 ml	

M-Green (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):

Dextrose.....	50
Yeast Extract.....	9
Tryptone.....	5
Meat Peptone.....	5
Magnesium Sulphate.....	2,1
Potassium Phosphate.....	2
Diastase.....	0,05
Thiamine.....	0,05
Bromocresol Green.....	0,026

pH: 4,6±0,2

Order code	Package	Units/Box st.
466889.0922	50x3 ml	

M-TGE (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):

Meat Extract.....	6,0
Tryptone.....	10,0
Dextrose.....	2,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
466887.0922	50x3 ml	

M-WLD (3 ml ampoules) CULTIMED

NC: 3821 00 00
Composition (g/l):

WL Nutrient Broth.....	60,24
Cycloheximide.....	0,0042

pH: 5,5±0,2

Order code	Package	Units/Box st.
466886.0922	50x3 ml	

O-F-M-I Broth (Prepared Tubes) CULTIMED

Culture media for the identification of Coliform and E.Coli

NC: 3821 00 00
Composition (g/l):

Tryptone.....	5,0
Sodium Chloride.....	5,0
Sorbitol.....	1,0
Tryptophan.....	1,0
Sodium Laurylsulphate.....	0,1
Potassium di-Hydrogen Phosphate.....	2,0
di-Potassium Hydrogen Phosphate.....	2,7
X-Gal.....	0,08
MUG.....	0,05
IPTG.....	0,1

pH: 6,8±0,2

Order code	Package	Units/Box st.
466258.0922	20 tubes	

PALCAM Broth (Prepared Tubes) CULTIMED

Culture media for the selective enrichment of Listeria.

NC: 3821 00 00
Composition (g/l):

Polymyxin B Sulphate.....	0,01
Acriflavine Chloride.....	0,005
Lithium Chloride.....	10,0
Ceftazidim.....	0,02
Esculin.....	0,8
D(-)-Mannitol.....	5,0
Ammonium Iron(III) Citrate.....	0,5
Peptone.....	23,0
Phenol Red.....	0,08
Yeast Extract.....	5,0
Soy Lecithin.....	1,0
Tween 80.....	2,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
465383.0922	20 tubes	

Peptone Water (Prepared Tubes) CULTIMED

Media for the cultivation of nonfastidious microorganisms, for the carbohydrate fermentation test and to carry out the Indole test.

NC: 3821 00 00
Composition (g/l):

Casein Peptone.....	10,0
Sodium Chloride.....	5,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
463794.0922	20 tubes	

Plate Count Agar (ISO 4833:2003) (Prepared Tubes) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract.....	2,5
D(+)-Glucose.....	1,0
Casein Peptone.....	5,0
Agar.....	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
463799.0922	15 tubes	

Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED

Enrichment broth for Salmonella.

NC: 3821 00 00
Composition (g/l):

Magnesium Chloride anhydrous.....	13,58
Soy Peptone.....	4,5
Potassium di-Hydrogen Phosphate.....	1,26
di-Potassium Hydrogen Phosphate.....	0,18
Sodium Chloride.....	7,2
Malachite Green.....	0,036

pH: 5,2±0,2

Order code	Package	Units/Box st.
464959.0922	20 tubes	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose.....	40,0
Chloramphenicol.....	0,05
Casein Peptone.....	5,0
Meat Peptone.....	5,0
Agar.....	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
463842.0922	20 tubes	

Selenite Cystine Broth (Prepared Tubes) CULTIMED

Media for the isolation and enrichment of Salmonella species from feces, food products and other specimens.

NC: 3821 00 00 UN: 3077
IMDG: 9/III ADR: 9/III IATA: 9/III PAX: 911 CAO: 911
Signal Word: Danger



H332-H302-H373-H411

Composition (g/l):

Sodium Hydrogen Selenite.....	4,00
L(-)-Cystine.....	0,01
Lactose.....	4,00
tri-Sodium Phosphate.....	10,00
Tryptone.....	5,00

pH: 7,0±0,2

Order code	Package	Units/Box st.
463809.0922	20 tubes	

SPS Agar (Prepared Tubes) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00
Composition (g/l):

Sodium Sulphite.....	0,5
Polymyxin B Sulphate.....	0,01
Sodium Sulfadiazine.....	0,12
Yeast Extract.....	10,0
Iron(III) Citrate.....	0,5
Casein Peptone.....	15,0
Agar.....	13,90

pH: 7,0±0,2

Order code	Package	Units/Box st.
464125.0922	20 tubes	

Thioglycollate Liquid Medium (Prepared Tubes) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests of biological samples.

NC: 3821 00 00
Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,5
Peptone	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
463912.0922	20 tubes 	

Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED

Media for the differentiation of members of the Enterobacteriaceae based on their fermentation of glucose, lactose and/or saccharose and the production of H₂S.

NC: 3821 00 00
Composition (g/l):

Iron(III) Citrate	0,3
D(+)-Glucose	1,0
Lactose	10,0
Saccharose	10,0
Meat Extract	3,0
Yeast Extract	3,0
Meat Peptone	10,0
Casein Peptone	10,0
Phenol Red	0,024
Sodium Chloride	5,0
Sodium Thiosulphate	0,3
Agar	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
463771.0922	20 tubes 	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Tubes) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):

Soy Peptone	3,0
D(+)-Glucose	2,5
Casein Peptone	17,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
463820.0922	20 tubes 	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Tubes) CULTIMED

Media for the enumeration of microorganism in water according to ISO 6222:1999.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
466106.0922	20 tubes 	

TSC Agar (UNE-EN 13401) (Prepared Tubes) CULTIMED

NC: 3821 00 00
Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6 ±0,2

Order code	Package	Units/Box st.
465576.0922	20 tubes 	

TSN Agar (Prepared Tubes) CULTIMED

Culture media for the isolation and enumeration of Clostridium perfringens.

NC: 3821 00 00
Composition (g/l):

Neomycin Sulphate	0,05
Sodium Sulphite	1,0
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Polymyxin B Sulphate	0,02
Agar	13,5

pH: 7,2±0,2

Order code	Package	Units/Box st.
463833.0922	20 tubes 	

PREPARED BOTTLES

Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED

Selective culture media for the determination and the enumeration of Staphylococci.

NC: 3821 00 00
Composition (g/l):

Meat Extract	5,0
Yeast Extract	1,0
Glycine	12,0
Lithium Chloride	5,0
Sodium Pyruvate	10,0
Tryptone	10,0
Agar	20,0

pH: 6,9±0,2

Order code	Package	Units/Box st.
493744.0922	10 x 90 ml 	

Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Bottles) CULTIMED

Culture media for the presumptive identification of Enterococci.

NC: 3821 00 00
Signal Word: Warning

 H302-H412
Composition (g/l):

Ox Bile	10,0
Esculin	1,0
Sodium Azide	0,15
Yeast Extract	5,0
Iron(III) Citrate	0,5
Peptone	3,0
Sodium Chloride	5,0
Tryptone	17,0
Agar	15,0

pH: 7,1±0,2

Order code	Package	Units/Box st.
495523.0922	10 x 100 ml 	

Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3821 00 00
Composition (g/l):

Casein Peptone	10,0
Sodium Chloride	5,0
di-Sodium Phosphate 12-hydrate	9,0
mono-Potassium Phosphate	1,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
493795.0922	10 x 100 ml 	
493795.0981	3x3 l 	1

Buffered Sodium Chloride-Peptone solution (Ph. Eur.) (Prepared Bottles) CULTIMED

Diluent agent to homogenize samples in microbiological analysis of foodstuffs.

NC: 3504 00 90
Composition (g/l):

Casein Peptone	1,00
Potassium di-Hydrogen Phosphate	3,56
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate	7,23

pH: 7,0±0,2

Order code	Package	Units/Box st.
494944.0922	10 x 90 ml 	

Cetrimide Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enumeration of *Pseudomonas aeruginosa*.

NC: 3821 00 00

Composition (g/l):	
Cetrimide	0,3
Glycerol	10,0
Magnesium Chloride	1,4
Gelatine Peptone	20,0
Potassium Sulphate	10,0
Agar	13,6
pH: 7,2±0,2	

Order code	Package	Units/Box st.
496256.0922	10 x 100 ml	

EE Broth (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enrichment of Enterobacteria.

NC: 3821 00 00

Composition (g/l):	
Ox bile	20,0
D(+)-Glucose	5,0
Gelatine Peptone	10,0
Potassium di-Hydrogen Phosphate	2,0
di-Sodium Hydrogen Phosphate	8,0
Brilliant Green	0,015
pH: 7,2±0,2	

Order code	Package	Units/Box st.
493829.0922	10 x 100 ml	

Lethen Agar (Prepared Bottles) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):	
Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,7
Casein Peptone	15,0
Meat Peptone	10,0
Sodium Chloride	10,0
Sodium Bisulphite	0,1
Tween	5,0
Agar	12,5
pH: 7,0±0,2	

Order code	Package	Units/Box st.
495379.0922	10 x 100 ml	

Lethen Broth (modified) (Prepared Bottles) CULTIMED

Culture media for the determination of the antimicrobial activity of quaternary ammonium compounds.

NC: 3821 00 00

Composition (g/l):	
Meat Extract	5,0
Yeast Extract	2,0
Lecithin	0,7
Casein Peptone	15,0
Meat Peptone	10,0
Sodium Chloride	10,0
Sodium Bisulphite	0,1
Tween	5,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
495382.0922	10 x 100 ml	

Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Bottles) CULTIMED

Culture media for primary enrichment of *Listeria monocytogenes*

NC: 3821 00 00

Composition (g/l):	
Esculin	1,0
Yeast Extract	5,0
Lithium Chloride	3,0
Potassium di-Hydrogen Phosphate	1,35
Meat Peptone	5,0
Sodium Chloride	20,0
di-Sodium Phosphate	12,0
Tryptone	5,0
Meat Extract	5,0
Ammonium Iron(III) Citrate	0,5
Nalidixic Acid	0,01
Acryflavine	0,012
pH: 7,2±0,2	

Order code	Package	Units/Box st.
496269.0979	10 x 225 ml	

MacConkey Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the study of Coliforms in water, milk and other materials of sanitary significance.

NC: 3821 00 00

Composition (g/l):	
Lactose	10,0
Peptone	20,0
Neutral Red	0,03
Bile Salts n° 3	1,5
Sodium Chloride	5,0
Crystal Violet	0,001
Agar	15,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
493779.0922	10 x 100 ml	

MacConkey Broth (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the isolation and cultivation of *Lactobacillus* species from clinical specimens and foods.

NC: 3821 00 00

Composition (g/l):	
Lactose	10,0
Gelatin Peptone	20,0
Bromocresol Purple	0,01
Biliar Salts	5,0
pH: 7,1±0,2	

Order code	Package	Units/Box st.
493780.0922	10 x 100 ml	

MRS Agar (Prepared Bottles) CULTIMED

Media for the isolation and cultivation of *Lactobacillus* species from clinical specimens and foods.

NC: 3821 00 00

Composition (g/l):	
tri-Ammonium Citrate	2,0
Meat Extract	8,0
Yeast Extract	4,0
D(+)-Glucose	20,0
Magnesium Sulphate 7-hydrate	0,2
Manganese(II) Sulphate 4-hydrate	0,05
Bacteriological Peptone	10,0
di-Potassium Hydrogen Phosphate	2,0
Sodium Acetate 3-hydrate	5,0
Tween 80	1,0
Agar	10,0
pH: 6,2±0,2	

Order code	Package	Units/Box st.
493784.0922	10 x 100 ml	

Nutrient Agar (Prepared Bottles) CULTIMED

Media for the cultivation of a wide variety of bacteria and for enumeration of organisms in water, feces and other materials.

NC: 3821 00 00

Composition (g/l):	
Meat Extract	3,0
Meat Peptone	5,0
Agar	12,0
pH: 7,0±0,2	

Order code	Package	Units/Box st.
493792.0922	10 x 100 ml	

Peptone Water (Prepared Bottles) CULTIMED

Media for the cultivation of nonfastidious microorganisms, for the carbohydrate fermentation test and to carry out the Indole test.

NC: 3821 00 00

Composition (g/l):	
Peptone	10,0
Sodium Chloride	5,0
pH: 7,2±0,2	

Order code	Package	Units/Box st.
493794.0922	10 x 100 ml	
493794.0979	10 x 225 ml	

Peptone Water with neutralizing agents (Ph. Eur.) (Prepared Bottles) CULTIMED

Neutralising solution in the dilution of samples with antimicrobial agents.

NC: 3821 00 00

Composition (g/l):	
Casein Peptone	1,00
Lecithin (egg)	0,7
Histidine	1,0
Potassium di-Hydrogen Phosphate	3,56
Sodium Chloride	4,30
di-Sodium Hydrogen Phosphate	7,23
Sodium Thiosulphate	0,5
Tween 80	5,00
pH: 7,2±0,2	

Order code	Package	Units/Box st.
495425.0932	1 x 450 ml	

Plate Count Agar (ISO 4833:2003) (Prepared Bottles) CULTIMED

Culture media for the enumeration of microorganisms in food, water and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	2,5
D(+)-Glucose	1,0
Casein Peptone	5,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
493799.0922	10 x 100 ml	

Reinforced Clostridial Agar (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the enumeration of clostridia, lactobacillis and anaerobic bacteria according to Ph. Eur.

NC: 3821 00 00
Composition (g/l):

Starch	1,0
L-Cysteine Hydrochloride	0,5
Meat Extract	10,0
Yeast Extract	3,0
D(+)-Glucose	5,0
Casein Peptone	10,0
Sodium Acetate	3,0
Sodium Chloride	5,0
Agar	0,5

pH: 6,8±0,2

Order code	Package	Units/Box st.
496253.0922	10 x 100 ml	

Rose Bengal Chloramphenicol Agar (Prepared Bottles) CULTIMED

Culture media for the enumeration and isolation of yeast and fungi.

NC: 3821 00 00
Composition (g/l):

Rose Bengal	0,05
Chloramphenicol	0,1
D(+)-Glucose	10,0
Magnesium Sulphate	0,5
Peptone	5,0
Potassium di-Hydrogen Phosphate	1,0
Agar	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
494855.0922	10 x 100 ml	

Sabouraud Glucose Agar (Prepared Bottles) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Peptone	10,0
Agar	20,5

pH: 5,6±0,2

Order code	Package	Units/Box st.
493802.0922	10 x 100 ml	

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the cultivation and enumeration of a wide variety of fungi and yeasts.

NC: 3821 00 00
Composition (g/l):

D(+)-Glucose	40,0
Chloramphenicol	0,05
Casein Peptone	5,0
Meat Peptone	5,0
Agar	15,0

pH: 5,6±0,2

Order code	Package	Units/Box st.
493842.0922	10 x 100 ml	

Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED

General diluent agent

NC: 3821 00 00
Composition (g/l):

Peptone	1,0
Sodium Chloride	8,5

pH: 7,0±0,2

Order code	Package	Units/Box st.
496265.0922	10 x 100 ml	

SPS Agar (Prepared Bottles) CULTIMED

Culture media for the detection and enumeration of sulphite-reducing clostridia in food and other materials.

NC: 3821 00 00
Composition (g/l):

Sodium Sulphite	0,5
Polymyxin B Sulphate	0,01
Sodium Sulfadiazine	0,12
Yeast Extract	10,0
Iron(III) Citrate	0,5
Casein Peptone	15,0
Agar	13,90

pH: 7,0±0,2

Order code	Package	Units/Box st.
494125.0922	10 x 100 ml	

Thioglycollate Liquid Medium (Prepared Bottles) CULTIMED

Media for the cultivation of aerobic and anaerobic organisms in the performance of sterility tests of biological samples.

NC: 3821 00 00
Composition (g/l):

Sodium Thioglycollate	0,5
L-Cystine	0,5
Yeast Extract	5,0
D(+)-Glucose	5,5
Peptone	15,0
Resazurin	0,001
Sodium Chloride	2,5
Agar	0,75

pH: 7,1±0,2

Order code	Package	Units/Box st.
493912.0922	10 x 100 ml	

Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the cultivation and maintenance of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):

Soy Peptone	5,0
Casein Peptone	15,0
Sodium Chloride	5,0
Agar	20,5

pH: 7,3±0,2

Order code	Package	Units/Box st.
493819.0922	10 x 100 ml	

Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Bottles) CULTIMED

Media for the culture of a wide variety of microorganisms.

NC: 3821 00 00
Composition (g/l):

Soy Peptone	3,0
D(+)-Glucose	2,5
Casein Peptone	17,0
di-Potassium Hydrogen Phosphate	2,5
Sodium Chloride	5,0

pH: 7,3±0,2

Order code	Package	Units/Box st.
493820.0922	10 x 100 ml	

Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Bottles) CULTIMED

Media for the enumeration of microorganisms in water according to ISO 6222:1999

NC: 3821 00 00
Composition (g/l):

Yeast Extract	3,0
Tryptone	6,0
Agar	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
496106.0922	10 x 100 ml	

TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED

Culture media for the detection and enumeration of clostridium perfringens in water, food and other materials.

NC: 3821 00 00
Composition (g/l):

Yeast Extract	5,0
Iron(III) Citrate	1,0
Soy Peptone	5,0
Sodium Disulphite	1,0
Tryptose	15,0
Cycloserine	0,4
Agar	14,0

pH: 7,6±0,2

Order code	Package	Units/Box st.
495576.0922	10 x 100 ml	

Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Bottles) CULTIMED

Culture media for the enumeration of Enterobacteriaceae.

NC: 3821 00 00

Composition (g/l):	
Bile Salts Mixture.....	1,5
Crystal Violet.....	0,002
Neutral Red.....	0,03
D(+)-Glucose.....	10,0
Yeast Extract.....	3,0
Gelatine Peptone.....	7,0
Sodium Chloride.....	5,0
Agar.....	20,5

pH: 7,4±0,2

Order code	Package	Units/Box st.
493745.0922	10 x 100 ml	

Violet Red Bile Lactose Agar (VRBL) (Prepared Bottles) CULTIMED

Selective and differential media for the detection and enumeration of Coliforms in milk and dairy products. Also it is used in water and foodstuffs.

NC: 3821 00 00

Composition (g/l):	
Bile Salts Mixture.....	1,5
Crystal Violet.....	0,002
Neutral Red.....	0,03
Lactose.....	10,0
Yeast Extract.....	3,0
Gelatine Peptone.....	7,0
Sodium Chloride.....	5,0
Agar.....	12,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
493746.0922	10 x 100 ml	

SLIDES FOR HYGIENE CONTROL

Slide PCA/PCA CULTIMED

Culture media for the total enumeration of aerobes

NC: 3821 00 00

Composition (g/l) (Side 1 and 2):	
Tryptone.....	5,0
Yeast Extract.....	2,5
D(+)-Glucose.....	1,0
TTC.....	0,1
di-Sodium Phosphate.....	1,0
Phosphatidylcholine.....	0,03
L-Histidine.....	0,01
Sodium Thiosulphate.....	0,078
Tween 80.....	0,3
Agar.....	15,0

pH: 7,0±0,2

Order code	Package	Units/Box st.
435895.0922	20 units	

Slide PCA/RB CULTIMED

Culture media for the total enumeration of aerobes and for the enumeration of fungi and yeasts

NC: 3821 00 00

Composition (g/l) (Side 1):	
Tryptone.....	5,0
Yeast Extract.....	2,5
D(+)-Glucose.....	1,0
TTC.....	0,1
di-Sodium Phosphate.....	1,0
Phosphatidylcholine.....	0,03
L-Histidine.....	0,01
Sodium Thiosulphate.....	0,078
Tween 80.....	0,3
Agar.....	15,0

pH: 7,0±0,2

Composition (g/l) (Side 2):	
Soy Peptone.....	5,0
D(+)-Glucose.....	10,0
Magnesium Sulphate.....	0,5
Rose Bengal.....	0,05
Chloramphenicol.....	0,1
di-Sodium Phosphate.....	1,0
Phosphatidylcholine.....	0,03
L-Histidine.....	0,01
Sodium Thiosulphate.....	0,078
Tween 80.....	0,3
Agar.....	15,0

pH: 7,2±0,2

Order code	Package	Units/Box st.
435896.0922	20 units	

Slide PCA/VRBG CULTIMED

Culture media for the total enumeration of aerobes and enterobacterias

NC: 3821 00 00

Composition (g/l) (Side 1):	
Tryptone.....	5,0
Yeast Extract.....	2,5
D(+)-Glucose.....	1,0
TTC.....	0,1
di-Sodium Phosphate.....	1,0
Phosphatidylcholine.....	0,03
L-Histidine.....	0,01
Sodium Thiosulphate.....	0,078
Tween 80.....	0,3
Agar.....	15,0

pH: 7,0±0,2

Composition (g/l) (Side 2):	
Yeast Extract.....	3,0
Peptone.....	7,0
Bile Salt n°3.....	1,5
D(+)-Glucose.....	10,0
Sodium Chloride.....	5,0
Neutral Red.....	0,03
Crystal Violet.....	0,002
di-Sodium Phosphate.....	1,0
Phosphatidylcholine.....	0,03
L-Histidine.....	0,01
Sodium Thiosulphate.....	0,078
Tween 80.....	0,3
Agar.....	15,0

pH: 7,4±0,2

Order code	Package	Units/Box st.
435897.0922	20 units	

PROSPORE (Sterilization test) CULTIMED

Ampoules containing G. Stearothermophilus spores. The test is used to validate or monitor steam sterilisation

Biological Features:

Microorganism: Geobacillus Stearothermophilus ATCC7953

Predefined population: 1-5x10⁶

D121 Value: 1,5-3,0 minutes (saturated steam at 121°C)

Z Value: 11,0°C (based on exposures at 118°C, 121,1°C and 126°C)

Order code	Package	Units/Box st.
PS-410MC	10 units	

BOTTLES FOR DILUTION AND SAMPLING

Sterile bottle, 500 ml, with 12 mg of sodium thiosulphate CULTIMED

Order code	Package	Units/Box st.
P500ST	111 units	

Sterile bottle, 1000 ml, with 24 mg of sodium thiosulphate CULTIMED

Order code	Package	Units/Box st.
P1000ST	74 units	

Analytical funnel white 0,45 µm

Order code	Package	Units/Box st.
AFW-045MC	50 units	

Filtration monitor white 0,45 µm

Order code	Package	Units/Box st.
FMW-045MC	50 units	



PANREAC SINTE SIS

YOUR EUROPEAN PARTNER FOR CUSTOM AND CONTRACT SYNTHESIS

Panreac Sintesis is focused in offering our customers the custom synthesis service.

We focus on manufacturing organic compounds, using an existing method of synthesis, or developing a new method.

CAPABILITIES:

- Lab scale: we carry out development projects and productions up to 1 kg.
- Pilot plant: productions up to 10 kg.
- Industrial production: productions up to 1 Tm.

TYPES OF PROJECTS WE MANAGE:

- Development projects
- Non-commercial starting materials and organic reagents
- Non-GMP intermediates
- Scaling of industrial procedures and productions
- Reactions with reagents which are hard to handle
- Enantioselective chemicals

STRONG POINTS THAT MAKE PANREAC SINTESIS YOUR IDEAL PARTNER:

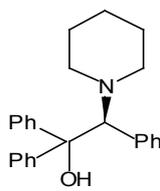
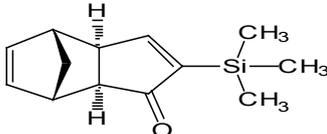
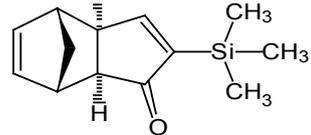
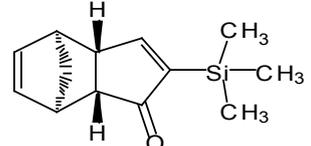
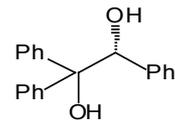
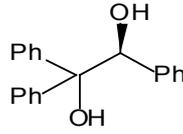
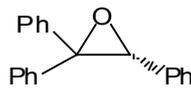
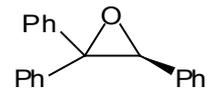
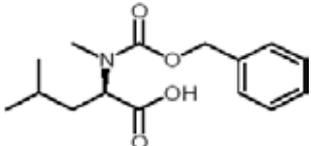
- **Project Management:** direct communication via a personal contact throughout all stages of the project and possibility of technical discussions with R&D personnel.
- **Analytical Department:** highly strict quality control on all products and most modern instrumental techniques and equipment. We are able to develop an analytical method for your product.
- **R&D Team:** we are young, highly qualified team and with a customer-oriented mentality.
- **Confidentiality:** we work on basis of strict confidentiality if it is necessary.
- **Responsiveness:** direct and reliable communication. Fast answer to any request.

The Panreac Sintesis team has collaboration agreements with other Companies and University Departments highly specialized in specific fields of organic chemistry for providing support in special projects. An example of close collaboration in chiral synthesis is done with Enantia, S.L., a spin-off from the University of Barcelona.

Some examples of products we have produced:

Code	CAS No.	Description	
15C708	[7682-20-4]	S-2-Aminobutyramide Hydrochloride	
15C422	[3054-07-7]	D,L-2-Aminosuberic Acid	
15C706	[19641-63-5]	(R)-2-Aminosuberic Acid	
15C413	[4254-88-0]	(S)-2-Aminosuberic Acid	
15C701	[66713-87-9]	(S)-Boc-2-Aminosuberic Acid	
15C702	[218457-76-2]	(S)-Fmoc-2-Aminosuberic Acid	
15C703	[276869-41-1]	Fmoc-L-2-Aminosuberic Acid, 8-tert-Butyl Ester	
15C689	[79868-79-4]	(R)- 2-Amino-1,1,2-Triphenylethanol	
15C688	[129704-13-8]	(S)- 2-Amino-1,1,2-Triphenylethanol	
15C696	-	(R)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	
15C695	-	(S)-(3-Benzenesulfonyl-1-Phenylallyl)-Carbamic Acid tert-Butyl Ester	
15C697	[287929-70-8]	(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	
15C698	[287929-86-6]	(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	
15C517	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	

Code	CAS No.	Description	
15C671	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	
15C385	[20439-47-8]	(1R,2R)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	
15C516	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤0,1% cis, ee ≥ 99,8%	
15C668	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤0,5% cis, ee ≥ 99%	
15C384	[21436-03-3]	(1S,2S)-Diaminocyclohexane, ≤2% cis, ee ≥ 96%	
15C693	-	(2R)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	
15C694	[417726-36-4]	(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	
15C700	[4792-18-1]	(R, R)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	
15C699	[4741-41-7]	(S, S)- 2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	
15C690	[98919-68-7]	(1R, 2S)-2-Phenyl-1-Cyclohexanol	
15C691	[34281-92-0]	(1S, 2R)-2-Phenyl-1-Cyclohexanol	
15C687	[213995-12-1]	(R)-2-Piperidino-1,1,2-Triphenylethanol	

Code	CAS No.	Description	
15C686		(S)-2-Piperidino-1,1,2-Triphenylethanol	
15C692	[143768-86-9]	(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C709	[297746-10-2]	(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C707	[297746-05-5]	(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	
15C478	[95061-46-4]	(R)-1,1,2-Triphenyl-1,2-Ethanediol	
15C477	[108998-83-0]	(S)-1,1,2-Triphenyl-1,2-Ethanediol	
15C705	[183849-26-5]	(R)-Triphenyloxirane	
15C704	[157556-88-2]	(S)-Triphenyloxirane	
15C588	[65635-85-0]	Z-D-N-MeLeu-OH	

For more information about our capabilities and products, please, do not hesitate to contact us. (panreacsintesis@panreac.com)

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CAS No.....	520
Qualities - product code.....	533
Classification in specific fields of application.....	552

 Panreac

CAS No. Reagents & Microbiology products		
50-00-0	Formaldehyde 37-38% w/w stabilized with methanol PA-ACS	190
50-00-0	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
50-00-0	Formaldehyde 35-40% w/v stabilized with methanol QP	190
50-00-0	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
50-00-0	Formaldehyde solution 10% neutralized, stabilized with methanol PRS	190
50-00-0	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
50-70-4	D(-)-Sorbitol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405
50-70-4	D(-)-Sorbitol (E-420i, F.C.C.) ADITIO	405
50-78-2	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
50-81-7	L(+)-Ascorbic Acid PA-ACS	60
50-81-7	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
50-81-7	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61
50-99-7	D(+)-Glucose anhydrous PA-ACS	196
50-99-7	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196
50-99-7	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196
51-28-5	2,4-Dinitrophenol moistened with ~33% of H ₂ O PA	162
51-28-5	2,4-Dinitrophenol, 98% moistened with ~33% of H ₂ O PS	162
52-51-7	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
52-51-7	2-Bromo-2-Nitro-1,3-Propanediol, 98% PS	85
52-90-4	L-Cysteine, 99% PS	137
54-21-7	Sodium Salicylate PA	397
54-21-7	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397
54-21-7	Sodium Salicylate, 99% PS	397
54-64-8	2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
54-96-6	3,4-Diaminopyridine, 98% PS	141
55-21-0	Benzamide, 98% PS	66
55-55-0	4-Methylaminophenol Sulphate PA-ACS	268
55-55-0	4-Methylaminophenol Sulphate PRS	269
56-17-7	Cystaminium Dichloride, 99% PS	137
56-23-5	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
56-23-5	Carbon Tetrachloride (IR) (E.U.) PAI	111
56-23-5	Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.) (E.U.) PA-ACS-ISO	111
56-23-5	Carbon Tetrachloride (E.U.) PRS	111
56-37-1	Benzyltriethylammonium Chloride, 99% PS	73
56-40-6	Glycine (Reag. USP) PA-ACS	199
56-40-6	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200
56-40-6	Glycine (E-640, F.C.C.) ADITIO	200
56-40-6	Glycine, 99% PS	200
56-41-7	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31
56-41-7	L-Alanine (F.C.C.) ADITIO	31
56-41-7	L-Alanine, 99% PS	31
56-45-1	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360
56-45-1	L-Serine, 99% PS	360
56-75-7	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
56-81-5	Glycerol PA-ACS-ISO	198
56-81-5	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198
56-81-5	Glycerol (E-422, F.C.C.) ADITIO	198
56-81-5	Glycerol, 99% PS	198
56-81-5	Glycerol QP	199
56-81-5	Glycerol 87% PA	199
56-81-5	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199
56-84-8	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61
56-84-8	L-Aspartic Acid (F.C.C.) ADITIO	61
56-84-8	L-Aspartic Acid, 99% PS	61
56-85-9	L-Glutamine (USP) PRS-CODEX	197
56-85-9	L-Glutamine, 99% PS	197
56-86-0	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197
56-86-0	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197
56-86-0	L-Glutamic Acid, 99% PS	197
56-89-3	L-Cystine (E-921, F.C.C.) ADITIO	137
56-89-3	L-Cystine, 98% PS	137
56-93-9	Benzyltrimethylammonium Chloride, 99% PS	73
57-09-0	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115
57-09-0	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115
57-10-3	Palmitic Acid (E-570, F.C.C.) ADITIO	296
57-10-3	Palmitic Acid, 98% PS	296
57-11-4	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
57-11-4	Stearic Acid, 98% PS	427
57-11-4	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427
57-11-4	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	427
57-13-6	Urea crystal PA-ACS	463
57-13-6	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
57-13-6	Urea pearls PRS	463
57-13-6	Urea pearls, (E-927b, F.C.C.) ADITIO	464
57-13-6	Urea pearls, 98,5% PS	464
57-44-3	5,5-Diethylbarbituric Acid PA	149
57-44-3	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
57-48-7	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193
57-48-7	D(-)-Fructose (F.C.C.) ADITIO	193
57-50-1	Saccharose PA-ACS	357
57-50-1	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357
57-50-1	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357
57-50-1	Saccharose solution 14,9% w/w VINIKIT	357
57-50-1	Saccharose solution 19,4% w/w VINIKIT	357
57-50-1	Saccharose solution 23,8% w/w VINIKIT	357
57-55-6	1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	346
57-55-6	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346
57-55-6	1,2-Propanediol, 99% PS	346
57-71-6	Diacetylmonoxime PA	140
58-08-2	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101
58-85-5	D(+)-Biotin (USP) PRS-CODEX	73
58-85-5	D(+)-Biotin (F.C.C.) ADITIO	73
58-86-6	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472
59-30-3	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189
59-30-3	Folic Acid (F.C.C.) ADITIO	189
59-30-3	Folic Acid, 97% PS	189
59-50-7	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
59-50-7	4-Chloro-3-Methylphenol, 99% PS	125
59-51-8	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
59-67-6	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284
59-67-6	Nicotinic Acid, 99% PS	284
59-88-1	Phenylhydrazinium Chloride PA	311
60-00-4	Ethylenediaminetetraacetic Acid PA-ACS	177
60-00-4	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
60-10-6	Dithione (Reag. Ph. Eur.) PA-ACS	165
60-11-7	Methyl Yellow solution 0,5% RV	278
60-11-7	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	156
60-18-4	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463
60-18-4	L-Tyrosine, 99% PS	463
60-27-5	Creatinine DC	132
60-29-7	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
60-29-7	Diethyl Ether stabilized with ethanol (PAR) PAI	150
60-29-7	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT PRS	150
60-29-7	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	150
60-29-7	Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS	150
60-29-7	Diethyl Ether stabilized with ~6 ppm of BHT QP	150
60-31-1	Acetylcholine Chloride (USP) PRS-CODEX	28
60-31-1	Acetylcholine Chloride, 98% PS	28
60-32-2	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38
60-32-2	6-Aminohexanoic Acid, 99% PS	38
60-33-3	Linoleic Acid CG	246
60-35-5	Acetamide PA	18
60-35-5	Acetamide PRS	18
60-35-5	Acetamide, 99% PS	18
61-73-4	Methylene Blue (C.I. 52015) PA	271
61-73-4	Methylene Blue (C.I. 52015) (USP) CODEX	271
61-73-4	Methylene Blue (C.I. 52015) DC	271
61-90-5	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245
61-90-5	L-Leucine (F.C.C.) ADITIO	245
61-90-5	L-Leucine, 99% PS	245
62-33-9	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
62-38-4	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312
62-53-3	Aniline (Reag. Ph. Eur.) PA-ACS	56
62-53-3	Aniline PRS	56
62-53-3	Aniline, 99% PS	56
62-54-4	Calcium Acetate x-hydrate PA	101
62-54-4	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
62-54-4	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO	101
62-54-4	Calcium Acetate x-hydrate QP	101
62-55-5	Thioacetamide (Reag. Ph. Eur.) PA-ACS	442
62-55-5	Thioacetamide, 98% PS	442
62-56-6	Thiourea (Reag. Ph. Eur.) PA-ACS	443
62-56-6	Thiourea PRS	443
62-56-6	Thiourea, 98% PS	443
62-76-0	di-Sodium Oxalate EQP-ACS	393
62-76-0	di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS	393
62-76-0	di-Sodium Oxalate PRS	393
62-76-0	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
63-68-3	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267
63-68-3	L-Methionine (F.C.C.) ADITIO	267
63-68-3	L-Methionine, 99% PS	267
63-74-1	Sulphanilamide (Reag. Ph. Eur.) PA	429
63-74-1	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429
63-91-2	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310
63-91-2	L-Phenylalanine (F.C.C.) ADITIO	310
63-91-2	L-Phenylalanine, 99% PS	310
64-17-5	Ethanol absolute (HPLC-gradient grade) PAI	169
64-17-5	Ethanol absolute (UV-IR-HPLC) PAI	169
64-17-5	Ethanol absolute dry (max. 0,02% water) DS	170
64-17-5	Ethanol absolute PA-ACS-ISO	170
64-17-5	Ethanol absolute PA	170
64-17-5	Ethanol absolute PRS	170
64-17-5	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
64-17-5	Ethanol absolute (F.C.C.) ADITIO	171
64-17-5	Ethanol absolute, 99,5% PS	171
64-17-5	Ethanol absolute DC	171
64-17-5	Ethanol absolute partially denatured QP	171
64-17-5	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
64-17-5	Ethanol 96% v/v PA-ACS	172
64-17-5	Ethanol 96% v/v PA	172
64-17-5	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
64-17-5	Ethanol 96% v/v (F.C.C.) ADITIO	172
64-17-5	Ethanol 96% v/v DC	173
64-17-5	Ethanol 96% v/v partially denatured QP	173
64-17-5	Ethanol 96% v/v totally denatured QP	173
64-17-5	Ethanol 70% v/v (BP) CODEX	173
64-17-5	Ethanol 70% v/v ADITIO	173
64-18-6	Formic Acid 98% PA-ACS	191
64-18-6	Formic Acid 98% PRS	192
64-18-6	Formic Acid 98% (F.C.C.) ADITIO	192
64-18-6	Formic Acid 85% PA	192
64-18-6	Formic Acid 85% PRS	192
64-18-6	Formic Acid 85% (F.C.C.) ADITIO	192
64-19-7	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19
64-19-7	Acetic Acid glacial (TMA) HIPERPUR	19
64-19-7	Acetic Acid glacial (HPLC) PAI	20
64-19-7	Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO	20
64-19-7	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
64-19-7	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20
64-19-7	Acetic Acid glacial, 99,5% PS	20
64-19-7	Acetic Acid glacial QP	21
64-19-7	Acetic Acid glacial DC	21
64-19-7	Acetic Acid 96% PA	21
64-19-7	Acetic Acid 80% PA	21
64-19-7	Acetic Acid 0,1 mol/l (0,1N) SV	21
64-19-7	Acetic Acid 0,5 mol/l (0,5N) SV	21
64-19-7	Acetic Acid 1 mol/l (1N) SV	21
64-67-5	Diethyl Sulphate, 99% PS	152
65-45-2	Salicylamide (USP) PRS-CODEX	358
65-85-0	Benzoic Acid EQP	69
65-85-0	Benzoic Acid PA-ACS	69
65-85-0	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
65-85-0	Benzoic Acid (E-210, F.C.C.) ADITIO	69
65-85-0	Benzoic Acid, 99,5% PS	70
67-43-6	Diethylenetriaminopentaacetic Acid PA	150
67-56-1	Methanol (HPLC-hypergradient grade) HIPERPUR	264
67-56-1	Methanol (HPLC-gradient grade) PAI-ACS	264
67-56-1	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
67-56-1	Methanol (HPLC-preparative) PAI	265
67-56-1	Methanol (LC-MS) PAI	265
67-56-1	Methanol (PAR) PAI	265
67-56-1	Methanol dry (max. 0,005% water) DS-ACS-ISO	265
67-56-1	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
67-56-1	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
67-56-1	Methanol (F.C.C.) ADITIO	266
67-56-1	Methanol, 99,5% PS	266
67-56-1	Methanol according to Karl Fischer RE	266
67-63-0	2-Propanol (VLSI) EG	347

67-63-0	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348	71-43-2	Benzene (Reag. Ph. Eur.) PA-ACS-ISO	67	75-65-0	2-Methyl-2-Propanol, 99,7% PS	275
67-63-0	2-Propanol (HPLC) PAI	348	71-43-2	Benzene PRS	67	75-75-2	Methanesulphonic Acid 70% w/w PS	264
67-63-0	2-Propanol (HPLC-preparative) PAI	348	71-43-2	Benzene, 99,8% PS	67	75-76-3	Tetramethylsilane (NMR) PAI	441
67-63-0	2-Propanol (PAR) PAI	348	71-55-6	1,1,1-Trichloroethane (E.U.) PRS	450	75-77-4	Chlorotrimethylsilane CG	121
67-63-0	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349	71-91-0	Tetraethylammonium Bromide, 99% PS	440	75-77-4	Chlorotrimethylsilane, 98% PS	122
67-63-0	2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO	349	72-17-3	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390	75-89-8	2,2,2-Trifluoroethanol PS	457
67-63-0	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349	72-18-4	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391	75-91-2	tert-Butyl Hydroperoxide aqueous solution ~70% PS	96
67-63-0	2-Propanol (F.C.C.) ADITIO	349	72-18-4	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464	75-91-2	tert-Butyl Hydroperoxide solution 3M in isoctane PS	96
67-63-0	2-Propanol, 99,7% PS	349	72-18-4	L-Valine (F.C.C.) ADITIO	464	76-03-9	Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS	450
67-63-0	2-Propanol QP	350	72-18-4	L-Valine, 98% PS	464	76-03-9	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450
67-64-1	Acetone (VLSI) EG	22	72-19-5	L-Threonine, 99% PS	443	76-03-9	Trichloroacetic Acid, 98% PS	450
67-64-1	Acetone (MOS) EG	22	72-48-0	Alizarin (C.I. 58000) PA	32	76-03-9	Trichloroacetic Acid solution 20% w/w DC	450
67-64-1	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23	72-48-0	Alizarin solution 0,1% RV	32	76-05-1	Trifluoroacetic Acid (UV) PAI	457
67-64-1	Acetone (PAR) PAI	23	73-22-3	L-Tryptophan PA	460	76-05-1	Trifluoroacetic Acid, 99% PS	457
67-64-1	Acetone dry (max. 0,01% water) DS	23	73-22-3	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460	76-13-1	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
67-64-1	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23	73-22-3	L-Tryptophan, 99% PS	461	76-13-1	1,1,2-Trichlorotrifluoroethane (ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS	455
67-64-1	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24	73-32-5	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235	76-13-1	1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS	455
67-64-1	Acetone (F.C.C.) ADITIO	24	73-32-5	L-Isoleucine (F.C.C.) ADITIO	235	76-54-0	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
67-64-1	Acetone, 99,5% PS	24	73-32-5	L-Isoleucine, 99% PS	235	76-54-0	2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE	145
67-64-1	Acetone QP	24	73-40-5	Guanine, 99% PS	201	76-59-5	Bromothymol Blue PA-ACS	86
67-66-3	Trichloromethane stabilized with ~150 ppm of amylene (HPLC-GPC) PAI	451	74-39-5	Magneson I PA	255	76-59-5	Bromothymol Blue DC	86
67-66-3	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451	74-79-3	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59	76-59-5	Bromothymol Blue solution 0,04% RV	86
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS	452	74-79-3	L-Arginine (F.C.C.) ADITIO	59	76-59-5	Bromothymol Blue solution 0,4% VINIKIT	87
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene PA	452	74-79-3	L-Arginine, 99% PS	59	76-60-8	Bromocresol Green PA-ACS	82
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452	74-88-4	Iodomethane, 99% stabilized with copper PS	229	76-60-8	Bromocresol Green solution 0,04% RV	82
67-66-3	Trichloromethane stabilized with ~50 ppm of amylene PS	452	74-89-5	Methylamine solution 40% w/w PS	268	76-61-9	Thymol Blue PA-ACS	444
67-66-3	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453	74-96-4	Bromoethane, 99% PS	83	76-61-9	Thymol Blue solution 0,04% RV	444
67-66-3	Trichloromethane stabilized with ethanol (PAR) PAI	453	75-03-6	Iodoethane, 98% stabilized with copper PS	229	76-83-5	Triphenylchloromethane, 98% PS	459
67-66-3	Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO	453	75-05-8	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25	76-83-5	Triphenylchloromethane, 98% PS	459
67-66-3	Trichloromethane stabilized with ethanol PA	453	75-05-8	Acetonitrile (HPLC-gradient grade) PAI-ACS	25	76-93-7	Benzilic Acid, 99% PS	69
67-66-3	Trichloromethane stabilized with ethanol PRS	454	75-05-8	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25	77-06-5	Gibberellic Acid, 90% PS	196
67-66-3	Trichloromethane, 99% stabilized with ethanol PS	454	75-05-8	Acetonitrile (HPLC-preparative) PAI	25	77-09-8	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309
67-66-3	Trichloromethane stabilized with ethanol QP	454	75-05-8	Acetonitrile (LC-MS) PAI	26	77-09-8	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309
67-66-3	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454	75-05-8	Acetonitrile (PAR) PAI-ACS	26	77-73-6	Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS	148
67-68-5	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160	75-05-8	Acetonitrile dry (max. 0,005% water) DS-ACS	26	77-76-9	2,2-Dimethylsulpropane, 98% PS	155
67-68-5	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161	75-05-8	Acetonitrile (Reag. Ph. Eur.) PA-ACS	26	77-78-1	Dimethyl Sulphate, 99% PS	160
67-68-5	Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS	161	75-05-8	Acetonitrile, 99,7% PS	27	77-86-1	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
67-68-5	Dimethyl Sulphoxide PRS	161	75-07-0	Acetaldehyde, 99% PS	18	77-86-1	Tris (Hydroxymethyl) Aminomethane PA-ACS	459
67-68-5	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161	75-09-2	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145	77-86-1	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
67-68-5	Dimethyl Sulphoxide, 99,5% PS	161	75-09-2	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146	77-92-9	Citric Acid anhydrous PA-ACS	124
68-04-2	Sodium Citrate solution 3,8% DC	374	75-09-2	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146	77-92-9	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
68-11-1	Thioglycolic Acid 80% PRS	442	75-09-2	Dichloromethane stabilized with amylene PA-ACS-ISO	146	77-92-9	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124
68-12-2	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158	75-09-2	Dichloromethane stabilized with amylene (RFE, USP, NF, BP, Ph. Eur.) PRS-CODEX	146	77-92-9	Citric Acid anhydrous, 99% PS	124
68-12-2	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158	75-09-2	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147	78-70-6	(±)-Linalool, 95% PS	246
68-12-2	N,N-Dimethylformamide (Reag. Ph. Eur.) PA-ACS-ISO	158	75-09-2	Dichloromethane, 99,8% stabilized with amylene PS	147	78-77-3	1-Bromo-2-Methylpropane, 99% PS	84
68-12-2	N,N-Dimethylformamide PRS	159	75-09-2	Dichloromethane stabilized with amylene QP	147	78-78-4	Isopentane (UV-IR-HPLC) PAI	237
68-12-2	N,N-Dimethylformamide, 99,8% PS	159	75-09-2	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol PS	147	78-78-4	Isopentane PA	237
68-94-0	Hypoxanthine, 99% PS	225	75-11-6	Diiodomethane, 99% stabilized with copper PS	154	78-78-4	Isopentane PRS	237
69-65-8	D(-)-Mannitol PA-ACS	259	75-12-7	Formamide PA-ACS	191	78-83-1	Isobutanol (UV-IR-HPLC) PAI	233
69-65-8	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259	75-12-7	Formamide PRS	191	78-83-1	Isobutanol (Reag. Ph. Eur.) PA-ACS	233
69-65-8	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259	75-12-7	Formamide, 98% PS	191	78-83-1	Isobutanol PRS	233
69-72-7	Salicylic Acid PA-ACS	358	75-12-7	Formamide AQUAMETRIC KF dry RV	191	78-83-1	Isobutanol (F.C.C.) ADITIO	233
69-72-7	Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358	75-15-0	Carbon Disulphide (UV-IR-HPLC) PAI	110	78-83-1	Isobutanol, 99% PS	234
69-72-7	Salicylic Acid, 99% PS	358	75-15-0	Carbon Disulphide dry (max. 0,005% water) low in aromatic compounds DS-ACS	110	78-92-2	2-Butanol (Reag. Ph. Eur.) PA	93
69-93-2	Uric Acid PRS	464	75-15-0	Carbon Disulphide PA-ACS	110	78-92-2	2-Butanol, 99% PS	93
71-00-1	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209	75-15-0	Carbon Disulphide PRS	110	78-93-3	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
71-00-1	L-Histidine, 99% PS	209	75-25-2	Carbon Disulphide, 99,5% PS	110	78-93-3	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94
71-23-8	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346	75-25-2	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84	78-93-3	Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS	94
71-23-8	1-Propanol (Reag. USP, Ph. Eur.) PA-ACS	347	75-25-2	Bromoform, 99% stabilized with ~1% of ethanol PS	84	78-93-3	Butanone (Methylethylketone) PRS	94
71-23-8	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347	75-26-3	2-Bromopropane, 99% PS	86	78-93-3	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
71-23-8	1-Propanol, 99,5% PS	347	75-36-5	Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS	28	78-93-3	Butanone, 99,5% (Methylethylketone) PS	94
71-36-3	1-Butanol (UV-IR-HPLC) PAI	92	75-36-5	Acetyl Chloride, 98% PS	28	79-01-6	Trichloroethylene, stabilized with ethanol (Reag. Ph. Eur.) PA-ACS	451
71-36-3	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92	75-47-8	Iodoform PRS	229	79-01-6	Trichloroethylene, 99% stabilized with ethanol PS	451
71-36-3	1-Butanol (USP-NF) PRS-CODEX	92	75-52-5	Nitromethane (Reag. USP, Ph. Eur.) PA-ACS	290	79-03-8	Propionyl Chloride, 98% PS	351
71-36-3	1-Butanol (F.C.C.) ADITIO	93	75-52-5	Nitromethane, 98% PS	290	79-06-1	Acrylamide, 99% PS	29
71-36-3	1-Butanol, 99,5% PS	93	75-57-0	Tetramethylammonium Chloride, 98% PS	441	79-08-3	Bromoacetic Acid, 99% PS	79
71-41-0	1-Pentanol (Reag. Ph. Eur.) PA-ACS	301	75-62-7	Bromotrichloromethane, 98% PS	87	79-09-4	Propionic Acid (Reag. Ph. Eur.) PA-ACS	350
71-41-0	1-Pentanol PRS	301	75-64-9	tert-Butylamine, 98% PS	96	79-09-4	Propionic Acid (E-280, F.C.C.) ADITIO	350
71-41-0	1-Pentanol, 98% PS	301	75-65-0	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275	79-09-4	Propionic Acid, 99% PS	350
71-43-2	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66	75-65-0	2-Methyl-2-Propanol PRS	275	79-10-7	Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS	30
71-43-2	Benzene dry (max. 0,005% water) DS-ACS-ISO	67				79-11-8	Mono-Chloroacetic Acid PRS	116

79-27-6	1,1,2,2-Tetrabromoethane PRS	438	95-47-6	o-Xylene (Reag. USP, Ph. Eur.) PA	470	102-54-5	Ferrocene, 98% PS	183
79-27-6	1,1,2,2-Tetrabromoethane, 98,5% PS	438	95-47-6	o-Xylene PRS	471	102-71-6	Triethanolamine PA	455
79-33-4	L(+)-Lactic Acid PA	240	95-47-6	o-Xylene, 99% PS	471	102-71-6	Triethanolamine (USP-NF) PRS-CODEX	456
79-33-4	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240	95-48-7	o-Cresol, 99% PS	132	102-71-6	Triethanolamine (BP, Ph. Eur.) CODEX	456
79-33-4	L(+)-Lactic Acid (F.C.C.) ADITIO	240	95-50-1	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143	102-71-6	Triethanolamine, 98% PS	456
79-34-5	1,1,2,2-Tetrachloroethane, 98% PS	439	95-50-1	1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA	143	102-76-1	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
79-37-8	Oxalyil Chloride, 98% PS	295	95-50-1	1,2-Dichlorobenzene, 98% PS	143	102-76-1	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199
79-40-3	Rubeanic Acid PRS	357	95-52-3	2-Fluorotoluene, 99% PS	188	102-82-9	Tri-n-Butylamine, 99% PS	449
79-43-6	Dichloroacetic Acid, 98% PS	143	95-53-4	o-Toluidine PA	448	103-03-7	1-Phenylsemicarbazide, 99% PS	312
80-73-9	1,3-Dimethyl-2-Imidazolidinone, 98% PS	160	95-53-4	o-Toluidine stabilized PA	449	103-45-7	2-Phenylethyl Acetate, 98% PS	311
81-88-9	Rhodamine B (C.I. 45170) PA	356	95-53-4	o-Toluidine, 99% PS	449	103-74-2	2-(2-Hydroxyethyl) Pyridine, 98% PS	223
81-88-9	Rhodamine B (C.I. 45170) DC	356	95-55-6	2-Aminophenol, 98% PS	39	103-82-2	Phenylacetic Acid, 99% PS	310
81-88-9	Rhodamine B in ethanol absolute, TLC developer RE	356	95-56-7	2-Bromophenol, 98% PS	85	103-84-4	Acetanilide (Reag. USP) PA	18
83-07-8	4-Aminoantipyrine, 98% PS	37	95-57-8	2-Chlorophenol PA	121	103-84-4	Acetanilide PPS	18
84-58-2	2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS	144	95-57-8	2-Chlorophenol, 99% PS	121	103-84-4	Acetanilide, 99% PS	19
84-65-1	Antraquinone, 98% PS	57	95-92-1	Diethyl Oxalate, 98,5% PS	152	103-88-8	4-Bromoacetanilide, 98% PS	79
84-66-2	Diethyl Phthalate (USP-NF, BP, Ph. Eur.)	152	96-22-0	Diethylketone, 99% PS	151	103-89-9	4'-Methylacetanilide, 98% PS	268
84-66-2	Diethyl Phthalate, 99% PS	152	96-31-1	1,3-Dimethylurea, 98% PS	162	104-55-2	Cinnamaldehyde, 98% PS	123
84-74-2	Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA	142	96-33-3	Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS	268	104-76-7	2-Ethyl-1-Hexanol PA	181
84-74-2	Di-n-Butyl Phthalate PRS	142	96-41-3	Cyclopentanol, 99% PS	136	104-76-7	2-Ethyl-1-Hexanol, 99% PS	181
84-74-2	Di-n-Butyl Phthalate, 99% PS	142	96-47-9	2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS	277	104-86-9	4-Chlorobenzylamine, 98% PS	118
84-74-2	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142	96-48-0	γ-Butyrolactone, 99% PS	98	105-36-2	Ethyl Bromoacetate, 98% PS	176
85-41-6	Phthalimide, 98% PS	316	97-00-7	1-Chloro-2,4-Dinitrobenzene PA	119	105-53-3	Diethyl Malonate, 99% PS	152
85-44-9	Phthalic Anhydride PA-ACS	316	97-00-7	1-Chloro-2,4-Dinitrobenzene, 98% PS	120	106-24-1	Geraniol, 97% PS	195
85-44-9	Phthalic Anhydride, 98% PS	316	97-51-8	5-Nitrosalicylaldehyde, 98% PS	291	106-38-7	4-Bromotoluene, 98% PS	87
85-83-6	Sudan IV (C.I. 26105) DC	429	97-59-6	Allantoin (BP, Ph. Eur.) PRS-CODEX	33	106-40-1	4-Bromoaniline (Reag. USP) PA	80
85-86-9	Sudan III (C.I. 26100) DC	429	97-59-6	Allantoin, 98% PS	33	106-40-1	4-Bromoaniline, 98% PS	80
86-73-7	Fluorene, 98% PS	184	98-00-0	Furfuryl Alcohol, 98% PS	194	106-41-2	4-Bromophenol, 98% PS	85
86-87-3	1-Naphthaleneacetic Acid, 97% PS	280	98-01-1	Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS	194	106-42-3	p-Xylene (Reag. USP) PA	471
87-41-2	Phthalide, 99% PS	316	98-01-1	Furfural, 98% stabilized with ~0,1% of BHT PS	194	106-42-3	p-Xylene PPS	472
87-51-4	1H-Indole-3-Acetic Acid, 98% PS	227	98-05-5	Phenylarsonic Acid, 97% PS	311	106-42-3	p-Xylene, 99% PS	472
87-66-1	Pyrogallallic Acid (Reag. Ph. Eur.) PA-ACS	354	98-17-9	3-(Trifluoromethyl) Phenol, 98% PS	458	106-44-5	p-Cresol, 98,5% PS	132
87-66-1	Pyrogallallic Acid, 99% PS	354	98-29-3	4-tert-Butylprocatechol, 99% PS	98	106-46-7	1,4-Dichlorobenzene, 99% PS	143
87-69-4	L(+)-Tartaric Acid PA - ACS	436	98-55-5	a-Terpineol, 70% PS	437	106-49-0	p-Toluidine, 99% PS	449
87-69-4	L(+)-Tartaric Acid PPS	437	98-59-9	4-Toluenesulphonyl Chloride, 98% PS	448	106-51-4	1,4-Benzoquinone, 99% PS	70
87-69-4	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437	98-60-2	4-Chlorobenzensulfonyl Chloride, 97% PS	118	106-70-7	Methyl Hexanoate, 98% PS	272
87-69-4	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437	98-86-2	Acetophenone (F.C.C.) ADITIO	27	106-89-8	Epichlorohydrin, 98% PS	168
87-69-4	L(+)-Tartaric Acid QP	437	98-86-2	Acetophenone, 98% PS	27	107-06-2	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
87-89-8	myo-Inositol, 99% PS	227	98-88-4	Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS	71	107-06-2	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144
87-91-2	Diethyl L(+)-Tartarate, 99% PS	152	98-88-4	Benzoyl Chloride, 99% PS	71	107-06-2	1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS	144
88-06-2	2,4,6-Trichlorophenol, 98% PS	455	98-88-4	Benzoyl Chloride, 99% PS	71	107-06-2	1,2-Dichloroethane PRS	145
88-14-2	2-Furoic Acid, 98% PS	194	98-95-3	Nitrobenzene (Reag. Ph. Eur.) PA-ACS	289	107-06-2	1,2-Dichloroethane, 99,5% PS	145
88-65-3	2-Bromobenzoic Acid, 99% PS	80	98-95-3	Nitrobenzene, 99% PS	289	107-07-3	2-Chloroethanol, 98% PS	120
88-75-5	2-Nitrophenol, 98% PS	290	99-09-2	3-Nitroaniline, 98% PS	289	107-08-4	1-Iodopropane, 99% stabilized with copper PS	229
88-89-1	Picric Acid moistened with ~33% of H ₂ O (Reag. Ph. Eur.) PRS	316	99-10-5	3,5-Dihydroxybenzoic Acid, 99% PS	153	107-12-0	Propionitrile (UV-HPLC) PAI	350
88-89-1	Picric Acid, 98% moistened with ~33% of H ₂ O PS	316	99-11-6	Citrazinic Acid, 97% PS	123	107-12-0	Propionitrile, 99% PS	351
88-89-1	Picric Acid saturated solution DC	316	99-33-2	3,5-Dinitrobenzoyl Chloride, 98% PS	162	107-13-1	Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS	30
88-89-3	Phthalic Acid, 99,5% PS	316	99-34-3	3,5-Dinitrobenzoic Acid, 98% PS	162	107-15-3	Ethylenediamine PA	177
89-57-6	5-Amino-2-Hydroxybenzoic Acid, 97% PS	38	99-50-3	3,4-Dihydroxybenzoic Acid, 98% PS	153	107-15-3	Ethylenediamine, 99% PS	177
89-83-8	Thymol (Reag. USP, Ph. Eur.) PA	444	99-52-5	2-Methyl-4-Nitroaniline, 98% PS	273	107-18-6	Allyl Alcohol, 99% PS	33
89-83-8	Thymol PRS	444	99-57-0	2-Amino-4-Nitrophenol, 98% PS	39	107-21-1	Ethylene Glycol (Reag. USP, Ph. Eur.) PA	179
89-97-4	2-Chlorobenzylamine, 97% PS	118	99-65-0	1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA	162	107-21-1	Ethylene Glycol PPS	179
89-98-5	2-Chlorobenzaldehyde, 99% PS	117	99-65-0	1,3-Dinitrobenzene, 98% PS	162	107-21-1	Ethylene Glycol, 99% PS	179
89-99-6	2-Fluorobenzylamine, 97% PS	186	99-76-3	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272	107-22-2	Glyoxal solution 40% PS	200
90-11-9	1-Bromonaphthalene, 96% PS	85	99-76-3	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272	107-31-3	Methyl Formate, 97% PS	272
90-13-1	1-Chloronaphthalene, 93% PS	120	99-85-4	γ-Terpinene, 95% PS	437	107-35-7	Taurine, 99% PS	437
90-15-3	1-Naphthol (Reag. USP, Ph. Eur.) PA	281	99-90-1	4'-Bromoacetophenone, 98% PS	80	107-41-5	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274
90-15-3	1-Naphthol, 99% PS	281	99-93-4	4'-Hydroxyacetophenone, 98% PS	222	107-88-0	1,3-Butanediol, 99% PS	91
90-27-7	2-Phenylbutyric Acid, 98% PS	311	99-96-7	4-Hydroxybenzoic Acid, 99% PS	222	107-92-6	n-Butyric Acid, 99% PS	98
90-43-7	2-Hydroxybiphenyl, 98% PS	222	100-01-6	4-Nitroaniline, 98% PS	289	107-98-2	1-Methoxy-2-Propanol PPS	267
90-44-8	Anthrone (Reag. Ph. Eur.) PA-ACS	57	100-02-7	4-Nitrophenol PA	291	107-98-2	1-Methoxy-2-Propanol, 99% PS	268
90-44-8	Anthrone, 98% PS	57	100-02-7	4-Nitrophenol, 98% PS	291	108-10-1	4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS	274
91-17-8	Decahydronaphthalene, 98% isomers mixture PS	138	100-09-4	4-Methoxybenzoic Acid, 99% PS	267	108-10-1	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274
91-20-3	Naphthalene PRS	280	100-10-7	4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS	156	108-10-1	4-Methyl-2-Pentanone, 99% PS	274
91-20-3	Naphthalene, 98% PS	280	100-10-7	4-(Dimethylamino) Benzaldehyde PA	157	108-11-2	4-Methyl-2-Pentanol, 97% PS	274
91-22-5	Quinoline, 96% PS	355	100-10-7	4-(Dimethylamino) Benzaldehyde, 99% PS	157	108-13-4	Malonamide, 99% PS	256
91-56-5	Isatin (Reag. Ph. Eur.) PA	232	100-11-8	4-Nitrobenzyl Bromide, 98% PS	290	108-18-9	Di-Isopropylamine, 99% PS	154
91-56-5	Isatin, 98% PS	232	100-41-4	Ethylbenzene, 99% PS	176	108-20-3	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS	154
91-64-5	Coumarin, 97% PS	132	100-42-5	Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS	428	108-20-3	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PPS	155
92-52-4	Biphenyl, 99% PS	73	100-44-7	Benzyl Chloride, 99% PS	72	108-20-3	Di-Isopropyl Ether, 99% stabilized with ~50 ppm of BHT PS	155
92-66-0	4-Bromobiphenyl, 98% PS	81	100-47-0	Benzonitrile, 99% PS	70	108-21-4	Isopropyl Acetate PA	238
92-87-5	Benzidine PA	68	100-51-6	Benzyl Alcohol PA-ACS	71	108-21-4	Isopropyl Acetate PPS	238
92-87-5	Benzidine, 99% PS	68	100-51-6	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72	108-21-4	Isopropyl Acetate, 99% PS	238
93-55-0	Propiophenone, 99% PS	351	100-51-6	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72	108-24-7	Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO	22
93-58-3	Methyl Benzoate PPS	269	100-51-6	Benzyl Alcohol, 99% PS	72	108-24-7	Acetic Anhydride PPS	22
93-58-3	Methyl Benzoate, 99% PS	269	100-52-7	Benzaldehyde, 99% PS	66	108-24-7	Acetic Anhydride, 98% PS	22
93-60-7	Methyl Nicotinate, 99% PS	273	100-58-3	Phenylmagnesium Bromide 1,2M in THF PS	311	108-30-5	Succinic Anhydride, 99% PS	429
93-89-0	Ethyl Benzoate PPS	176	100-63-0	Phenyldiazine (Reag. USP) PA	311	108-31-6	Maleic Anhydride, 98% PS	255
93-89-0	Ethyl Benzoate, 99% PS	176	100-63-0	Phenyldiazine, 98% PS	311	108-32-7	Propylene Carbonate, 99% PS	351
94-13-3	Propyl 4-Hydroxybenzoate, 99% PS	351	100-66-3	Anisole, 99% PS	56	108-36-1	1,3-Dibromobenzene, 97% PS	141
94-36-0	Benzoyl Peroxide humidified with ~25% of H ₂ O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71	100-82-3	3-Fluorobenzylamine, 97% PS	186	108-38-3	m-Xylene (Reag. Ph. Eur.) PA	471
94-36-0	Benzoyl Peroxide humidified with ~25% of H ₂ O (F.C.C.) ADITIO	71	100-97-0	Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS	205	108-38-3	m-Xylene PPS	471
95-14-7	1H-Benzotriazole, 99% PS	70	100-97-0	Hexamethylenetetramine PRS	205	108-38-3	m-Xylene, 98,5% PS	471
95-25-0	5-Chloro-2-Benzoxazalone, 98% PS	118	100-97-0	Hexamethylenetetramine, 99% PS	205	108-43-0	3-Chlorophenol, 98% PS	121
95-45-4	Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS	159	102-08-9	1,3-Diphenylthiourea PA	165	108-46-3	Resorcinol PA	356
95-46-5	2-Bromotoluene, 98% PS	87	102-08-9	1,3-Diphenylthiourea, 98% PS	165	108-46-3	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356
						108-46-3	Resorcinol, 99% PS	356

108-48-5	2,6-Dimethylpyridine, 98% PS	160	110-54-3	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206	119-26-6	2,4-Dinitrophenylhydrazine moistened with ~33% of H ₂ O (Reag. Ph. Eur.) PA	162
108-68-9	3,5-Dimethylphenol, 99% PS	160	110-54-3	n-Hexane 95% (PAR) PAI	206	119-26-6	2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H ₂ O PS	162
108-83-8	Di-Isobutylketone PRS	154	110-54-3	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207	119-36-8	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277
108-83-8	Di-Isobutylketone PS	154	110-54-3	n-Hexane 95% PA-ACS	207	119-36-8	Methyl Salicylate, 99% PS	277
108-86-1	Bromobenzene, 99% PS	80	110-54-3	n-Hexane 95% PRS	207	119-53-9	Benzoin, 99% PS	70
108-87-2	Methylcyclohexane dry (max. 0,005% water) DS	270	110-54-3	n-Hexane 95% PS	207	119-61-9	Benzophenone, 99% PS	70
108-87-2	Methylcyclohexane, 99% PS	271	110-63-4	1,4-Butanediol, 99% PS	91	119-64-2	1,2,3,4-Tetrahydronaphthalene, 98% PS	441
108-88-3	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447	110-71-4	Ethylene Glycol di-Methyl Ether PA	180	119-93-7	o-Tolidine (Reag. USP, Ph. Eur.) PA	446
108-88-3	Toluene (PAR) PAI	447	110-71-4	Ethylene Glycol di-Methyl Ether, 99% PS	180	119-93-7	o-Tolidine solution 0,1% RE	447
108-88-3	Toluene dry (max. 0,005% water) DS-ACS-ISO	447	110-80-5	Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA	179	120-51-4	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
108-88-3	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447	110-80-5	Ethylene Glycol mono-Ethyl Ether PRS	180	120-51-4	Benzyl Benzoate, 99% PS	72
108-88-3	Toluene PRS	448	110-80-5	Ethylene Glycol mono-Ethyl Ether, 99% PS	180	120-72-9	Indole PA	226
108-88-3	Toluene, 99,5% PS	448	110-82-7	Cyclohexane (UV-IR-HPLC) PAI-ACS	134	120-72-9	Indole, 99% PS	227
108-88-3	Toluene QP	448	110-82-7	Cyclohexane (PAR) PAI	134	120-80-9	Pyrocatechol (Reag. USP, Ph. Eur.) PA	354
108-90-7	Chlorobenzene dry (max. 0,01% water) DS-ACS	117	110-82-7	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135	120-80-9	Pyrocatechol, 98% PS	354
108-90-7	Chlorobenzene (Reag. USP) PA-ACS	117	110-82-7	Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO	135	120-82-1	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
108-90-7	Chlorobenzene PRS	117	110-82-7	Cyclohexane PRS	135	120-82-1	1,2,4-Trichlorobenzene, 98,5% PS	450
108-90-7	Chlorobenzene, 99,5% PS	118	110-82-7	Cyclohexane, 99,5% PS	135	120-92-3	Cyclopentanone, 99% PS	136
108-91-8	Cyclohexylamine, 99% PS	136	110-82-7	Cyclohexane QP	135	121-00-6	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
108-93-0	Cyclohexanol PRS	136	110-82-7	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135	121-00-6	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96
108-93-0	Cyclohexanol, 99% PS	136	110-83-8	Cyclohexane, 99% stabilized with ~100 ppm of BHT PS	136	121-14-2	2,4-Dinitrotoluene, 96% PS	163
108-94-1	Cyclohexanone PA-ACS	136	110-85-0	Piperazine anhydrous, 98% PS	316	121-33-5	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465
108-94-1	Cyclohexanone, 99,5% PS	136	110-86-1	Pyridine dry (max. 0,01% water) DS-ACS	352	121-33-5	Vanillin (F.C.C.) ADITIO	465
108-94-1	Cyclohexanone QP	136	110-86-1	Pyridine (Reag. Ph. Eur.) PA-ACS	352	121-33-5	Vanillin, 99% PS	465
108-95-2	Phenol PA-ACS	308	110-86-1	Pyridine PRS	352	121-43-7	Trimethyl Borate azeotrope with methanol 70:30 PS	458
108-95-2	Phenol crystallized (detached crystals) PA-ACS	308	110-86-1	Pyridine, 99% PS	352	121-44-8	Triethylamine (Reag. USP) PA	456
108-95-2	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308	110-86-1	Pyridine (max. 0,02% water) according to Karl Fischer RE	353	121-44-8	Triethylamine, 99,5% PS	456
108-95-2	Phenol crystallized, 99% (detached crystals) PS	308	110-87-2	3,4-Dihydro-2H-Pyran, 98% PS	153	121-54-0	Benzethonium Chloride (Reag. Ph. Eur.) PA	68
108-95-2	Phenol 90% aqueous solution (USP) PRS-CODEX	308	110-89-4	Piperidine (Reag. Ph. Eur.) PA	317	121-54-0	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68
109-01-3	1-Methylpiperazine, 98% PS	274	110-89-4	Piperidine, 99% PS	317	121-54-0	Benzethonium Chloride (0,004M) SV	68
109-02-4	N-Methylmorpholine, 98% PS	273	110-91-8	Morpholine (Reag. Ph. Eur.) PA-ACS	279	121-54-0	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
109-06-8	2-Methylpyridine, 98% PS	275	110-91-8	Morpholine, 98% PS	279	121-57-3	Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS	430
109-57-9	N-Allylthiourea, 98% PS	34	110-97-4	Di-Isopropanolamine, 99% PS	154	121-57-3	Sulphanilic Acid PRS	430
109-63-7	Boron Trifluoride-Diethyl Ether (complex) PS	78	110-98-5	Dipropylene Glycol, 98% isomers mixture PS	165	121-57-3	Sulphanilic Acid, 99% PS	430
109-65-9	1-Bromobutane, 98% PS	81	111-11-5	Methyl Octanoate, 98% PS	273	121-66-4	2-Amino-5-Nitrothiazole, 97% PS	39
109-66-0	n-Pentane (UV-IR-HPLC) PAI	298	111-14-8	Heptanoic Acid, 98,5% PS	204	121-69-7	N,N-Dimethylaniline PA	157
109-66-0	n-Pentane (PAR) PAI	298	111-17-1	3,3'-Thiodipropionic Acid, 99% PS	442	121-69-7	N,N-Dimethylaniline, 99% PS	157
109-66-0	n-Pentane (Reag. USP, Ph. Eur.) PA	299	111-25-1	1-Bromohexane, 98% PS	84	121-79-9	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351
109-66-0	n-Pentane PRS	299	111-27-3	1-Hexanol, 98% PS	208	121-79-9	Propyl Gallate (E-310, F.C.C.) ADITIO	351
109-66-0	n-Pentane 95% (UV-IR-HPLC) PAI	299	111-30-8	Glutaraldehyde solution 25% PS	197	121-98-2	Methyl 4-Methoxybenzoate, 98% PS	273
109-66-0	n-Pentane 95% (PAR) PAI	299	111-30-8	Glutaraldehyde solution 25% DC	198	122-39-4	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
109-66-0	n-Pentane 95% dry (max. 0,005% water) DS	300	111-30-8	Glutaraldehyde solution 50% PS	198	122-39-4	Diphenylamine PA	164
109-66-0	n-Pentane 95% PA	300	111-40-0	Diethylenetriamine, 98% PS	150	122-39-4	Diphenylamine, 98% PS	164
109-66-0	n-Pentane 95% PS	300	111-42-2	Diethanolamine PA-ACS	148	122-99-6	2-Phenoxyethanol, 99% PS	310
109-69-3	1-Chlorobutane (UV-IR-HPLC) PAI	119	111-42-2	Diethanolamine, 98% PS	148	123-11-5	4-Methoxybenzaldehyde, 98% PS	267
109-69-3	1-Chlorobutane (Reag. USP) PA	119	111-46-6	Diethylene Glycol (Reag. USP, Ph. Eur.) PA	149	123-30-8	4-Aminophenol, 98% PS	39
109-69-3	1-Chlorobutane, 99% PS	119	111-46-6	Diethylene Glycol, 98% PS	149	123-31-9	Hydroquinone (USP) PRS-CODEX	222
109-80-8	1,3-Propanedithiol, 98% PS	346	111-64-8	Octanoyl Chloride, 98% PS	293	123-31-9	Hydroquinone, 99% PS	222
109-86-4	Ethylene Glycol mono-Methyl Ether PA-ACS	180	111-65-9	n-Octane, 99% PS	291	123-38-6	Propanal, 98% PS	346
109-86-4	Ethylene Glycol mono-Methyl Ether, 99% PS	180	111-66-0	1-Octene, 97% PS	293	123-42-2	4-Hydroxy-4-Methyl-2-Pentanone PRS	224
109-87-5	Formaldehyde Dimethylacetal, 98% PS	191	111-76-2	Ethylene Glycol mono-Butyl Ether PRS	179	123-42-2	4-Hydroxy-4-Methyl-2-Pentanone, 98% PS	224
109-89-7	Diethylamine (Reag. USP, Ph. Eur.) PA-ACS	148	111-77-3	Diethylene Glycol mono-Methyl Ether, 98% PS	149	123-51-3	3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS	269
109-89-7	Diethylamine, 99,5% PS	149	111-82-0	Methyl Laurate CG	273	123-51-3	3-Methyl-1-Butanol according to Gerber PA	270
109-95-5	Ethyl Nitrite 50% in ethanol 96% v/v PS	182	111-82-0	Methyl Laurate, 98% PS	273	123-51-3	3-Methyl-1-Butanol PRS	270
109-97-7	Pyrole, 98% PS	354	111-87-5	1-Octanol (Reag. USP) PA-ACS	292	123-51-3	3-Methyl-1-Butanol, 98% PS	270
109-99-9	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440	111-87-5	1-Octanol, 99% PS	293	123-54-6	2,4-Pentanedione (Reag. USP, Ph. Eur.) PA	300
109-99-9	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440	111-90-0	Diethylene Glycol mono-Ethyl Ether, 98% PS	149	123-54-6	2,4-Pentanedione, 99% PS	300
109-99-9	Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS	440	112-92-2	Di-n-Butylamine, 99% PS	141	123-56-8	Succinimide, 99% PS	429
109-99-9	Tetrahydrofuran stabilized with ~300 ppm of BHT PRS	441	112-13-0	Decanoyl Chloride, 98% PS	138	123-72-8	n-Butyraldehyde, 99% PS	98
109-99-9	Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS	441	112-27-6	Triethylene Glycol, 99% PS	456	123-75-1	Pyrrolidine, 99% PS	354
110-15-6	Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS	428	112-34-5	Diethylene Glycol mono-Butyl Ether, 98% PS	149	123-86-4	n-Butyl Acetate (VLSI) EG	95
110-15-6	Succinic Acid (E-363, F.C.C.) ADITIO	428	112-36-7	Diethylene Glycol Diethyl Ether, 98% PS	149	123-86-4	n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS	95
110-15-6	Succinic Acid, 99% PS	428	112-39-0	Methyl Palmitate, 98% PS	273	123-86-4	n-Butyl Acetate PRS	95
110-16-7	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255	112-53-8	1-Dodecanol (Reag. USP) PA-ACS	166	123-86-4	n-Butyl Acetate, 99% PS	95
110-16-7	Maleic Acid, 99% PS	255	112-53-8	1-Dodecanol (F.C.C.) ADITIO	166	123-91-1	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
110-17-8	Fumaric Acid (USP-NF) PRS-CODEX	193	112-53-8	1-Dodecanol, 98% PS	166	123-91-1	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163
110-17-8	Fumaric Acid (E-297, F.C.C.) ADITIO	193	112-61-8	Methyl Stearate, 98% PS	277	123-91-1	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163
110-17-8	Fumaric Acid, 99% PS	193	112-80-1	Oleic Acid (USP) PRS-CODEX	293	123-91-1	1,4-Dioxan, 99,5% stabilized with ~25 ppm of BHT PS	164
110-19-0	Isobutyl Acetate (Reag. USP) PA	234	112-92-5	Stearyl Alcohol, 96% PS	427	123-92-2	Isoamyl Acetate PA	232
110-19-0	Isobutyl Acetate, 99% PS	234	115-39-9	Bromophenol Blue PA-ACS	86	123-92-2	Isoamyl Acetate PRS	232
110-27-0	Isopropyl Myristate, 98% PS	238	115-39-9	Bromophenol Blue DC	86	124-04-9	Isoamyl Acetate, 98% PS	232
110-30-5	Micropowder Wax (Licoowax C®) PA	278	115-39-9	Bromophenol Blue solution 0,04% RV	86	124-04-9	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30
110-42-9	Methyl Decanoate, 98% PS	271	115-40-2	Bromocresol Purple PA	82	124-04-9	Adipic Acid (E-355, F.C.C.) ADITIO	30
110-44-1	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403	115-40-2	Bromocresol Purple solution 0,025% RV	82	124-07-2	Octanoic Acid PRS	292
110-44-1	Sorbic Acid (E-200, F.C.C.) ADITIO	403	115-40-2	Bromocresol Purple solution 0,04% RV	82			
110-46-3	Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	233	115-40-2	Bromocresol Purple 0,2% tablets 0,1g RV	82			
110-53-2	1-Bromopentane, 99% PS	85	115-41-3	Pyrocatechol Violet PA	354			
110-54-3	n-Hexane (UV-IR-HPLC) PAI	205	115-95-7	Linyl Acetate, 95% PS	246			
110-54-3	n-Hexane (Reag. USP, Ph. Eur.) PA-ACS	206	116-53-0	2-Methylbutyric Acid, 98% PS	270			
110-54-3	n-Hexane PRS	206	116-63-2	1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS	39			
			117-81-7	Bis (2-Ethylhexyl) Phthalate, 98% PS	74			
			117-92-0	Quinaldine Red PA	355			
			118-10-5	Cinchonine (Reag. USP, Ph. Eur.) PA	123			
			118-92-3	2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA	37			
			118-92-3	2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS	37			
			118-97-8	4-Chloro-3,5-Dinitrobenzoic Acid, 99% PS	120			

124-07-2	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	292
124-07-2	Octanoic Acid (E-570, F.C.C.) ADITIO	292
124-07-2	Octanoic Acid, 99% PS	292
124-09-4	Hexamethylenediamine, 99% PS	205
124-10-7	Methyl Myristate, 98% PS	273
124-17-4	Diethylene Glycol mono-Butyl Ether Acetate, 98% PS	149
124-40-3	Dimethylamine solution 40% PS	156
124-41-4	Sodium Methylate solution ~30% in methanol PS	391
124-41-4	Sodium Methylate 0,5 mol/l methanolic PA-ACS	391
124-42-5	Acetaminidinium Chloride, 98% PS	18
124-65-2	Caodylic Acid Sodium Salt 3-hydrate, 98% PS	98
124-68-5	2-Amino-2-Methyl-1-Propanol, 95% PS	39
125-20-2	Thymolphthalein PA-ACS	444
125-20-2	Thymolphthalein solution 0,1% RV	444
126-81-8	Dimedone PA	155
126-96-5	Sodium Hydrogen di-Acetate PRS	378
126-96-5	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378
127-08-2	Potassium Acetate PA-ACS	320
127-08-2	Potassium Acetate PA	320
127-08-2	Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX	320
127-08-2	Potassium Acetate (E-261) ADITIO	320
127-09-3	Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS	364
127-09-3	Sodium Acetate anhydrous (USP) PRS-CODEX	364
127-09-3	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364
127-09-3	Sodium Acetate 0,1 mol/l (0,1M) RV	365
127-09-3	Sodium Acetate 1 mol/l (1M) RV	365
127-17-3	Pyruvic Acid, 98% PS	355
127-18-4	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
127-18-4	Tetrachloroethylene PRS	439
127-18-4	Tetrachloroethylene, 99,5% PS	439
127-19-5	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
127-19-5	N,N-Dimethylacetamide (Reag. Ph. Eur.) PA	156
127-19-5	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
127-19-5	N,N-Dimethylacetamide, 99% PS	156
127-82-2	Zinc Phenolsulphonate 8-hydrate PRS	475
127-95-7	Potassium Hydrogen Oxalate PRS	331
128-08-5	N-Bromosuccinimide, 98% PS	86
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142
128-37-0	2,6-Di-tert-Butyl-4-Methylphenol, 98% PS	142
129-16-8	Mercurydibromofluorescein PRS	261
129-17-9	Disulphine Blue (C.I. 42045) PA	165
130-15-4	1,4-Naphthoquinone, 97% PS	281
130-22-3	Alizarin Red S (C.I. 58005) PA	32
131-11-3	Dimethyl Phthalate, 99% PS	160
131-91-9	1-Nitroso-2-Naphthol (C.I. 10005) PA	291
133-32-4	1H-Indole-3-Butyric Acid, 99% PS	227
134-03-2	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366
134-03-2	Sodium L(+)-Ascorbate (E-301, F.C.C.) ADITIO	366
134-20-3	Methyl 2-Aminobenzoate, 99% PS	268
134-32-7	1-Naphthylamine, 99% PS	281
134-81-6	Benzil, 99% PS	69
134-85-0	4-Chlorobenzophenone, 99% PS	118
135-19-3	2-Naphthol PRS	281
135-19-3	2-Naphthol, 99% PS	281
135-20-6	Cupferron (ACS IX) PA-ACS	133
136-95-8	2-Aminobenzothiazole, 97% PS	38
137-40-6	Sodium Propionate (USP-NF) PRS-CODEX	396
139-13-9	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
139-13-9	Nitrile tri-Acetic Acid PRS	289
139-13-9	Nitrile tri-Acetic Acid, 98% PS	289
139-85-5	3,4-Dihydroxybenzaldehyde, 98% PS	153
140-11-4	Benzyl Acetate, 99% PS	71
140-22-7	1,5-Diphenylcarbazine (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
140-22-7	1,5-Diphenylcarbazine PA	165
140-67-0	4-Allylanisole, 98% PS	34
140-75-0	4-Fluorobenzylamine, 97% PS	186
140-89-6	Potassium O-Ethylthiocarbonate PA	328
140-89-6	Potassium O-Ethylthiocarbonate, 98% PS	328
141-43-5	Ethanolamine PA-ACS	174
141-43-5	Ethanolamine, 99% PS	174
141-53-7	Sodium Formate (Reag. Ph. Eur.) PA-ACS	377
141-53-7	Sodium Formate PRS	377
141-75-3	Butyryl Chloride, 98% PS	98
141-78-6	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
141-78-6	Ethyl Acetate (PAR) PAI	174
141-78-6	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175
141-78-6	Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO	175
141-78-6	Ethyl Acetate PRS	175
141-78-6	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
141-78-6	Ethyl Acetate (F.C.C.) ADITIO	175
141-78-6	Ethyl Acetate, 99,5% PS	176
141-95-7	Sodium Malonate, 99% PS	391
141-97-9	Ethyl Acetoacetate, 98% PS	176
142-04-1	Anilinium Chloride PA	56
142-04-1	Anilinium Chloride, 99% PS	56
142-61-0	Hexanoyl Chloride, 98% PS	209
142-62-1	Hexanoic Acid, 98% PS	208
142-63-2	Piperazine 6-hydrate PRS	316
142-82-5	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
142-82-5	n-Heptane dry (max. 0,005% water) DS	202
142-82-5	n-Heptane PA	203
142-82-5	n-Heptane PRS	203
142-82-5	n-Heptane, 99% PS	203
142-82-5	n-Heptane (ASTM) RE	203
142-82-5	Heptane, alkanes mixture PA	203
142-82-5	Heptane, alkanes mixture PRS	203
142-82-5	Heptane, alkanes mixture PS	203
142-91-6	Isopropyl Palmitate, 90% PS	238
142-96-1	Di-n-Butyl Ether, 99% PS	142
143-07-7	Lauric Acid, 99% PS	242
143-33-9	Sodium Cyanide PA-ACS	374
143-33-9	Sodium Cyanide PRS	374
143-66-8	Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS	395
143-74-8	Phenol Red PA-ACS	309
143-74-8	Phenol Red solution 0,02% RV	309
144-02-5	Sodium 5,5-Diethylbarbiturate (Reag. USP, Ph. Eur.) PA	375
144-02-5	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375
144-33-2	di-Sodium Hydrogen Citrate 1/2-hydrate (Reag. Ph. Eur.) PA	379
144-33-2	di-Sodium Hydrogen Citrate 1/2-hydrate PRS	379
144-33-2	di-Sodium Hydrogen Citrate 1/2-hydrate (E-331ii) ADITIO	379
144-55-8	Sodium Hydrogen Carbonate PA-ACS-ISO	379
144-55-8	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379
144-55-8	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379
147-71-7	D(-)-Tartaric Acid, 99% PS	436
147-85-3	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345
147-85-3	L-Proline (F.C.C.) ADITIO	345
147-85-3	L-Proline, 99% PS	345
148-24-3	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225
148-24-3	8-Hydroxyquinoline, 99% PS	234
149-44-0	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377
149-57-5	2-Ethylhexanoic Acid, 99% PS	181
150-13-0	4-Aminobenzoic Acid, 99% PS	37
150-76-5	4-Methoxyphenol, 98% PS	267
150-90-3	Sodium Succinate anhydrous PRS	398
151-21-3	Sodium Dodecyl Sulphate (HPLC) PAI	376
151-21-3	Sodium Dodecyl Sulphate PA-ACS	376
151-21-3	Sodium Dodecyl Sulphate (RFE, USP, NF, BP, Ph. Eur.) PRS-CODEX	376
151-21-3	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
151-21-3	Sodium Dodecyl Sulphate solution 10% w/v PRS	376
151-21-3	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
151-50-8	Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO	326
151-50-8	Potassium Cyanide PRS	326
156-38-7	4-Hydroxyphenylacetic Acid, 98% PS	224
281-23-2	Adamantane, 98% PS	30
288-32-4	Imidazole (Reag. USP, Ph. Eur.) PA-ACS	225
288-32-4	Imidazole, 99% PS	225
298-14-6	Potassium Hydrogen Carbonate PA	330
298-14-6	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330
298-14-6	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330
302-17-0	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
302-72-7	DL-Alanine PRS	32
311-28-4	Tetrabutylammonium Iodide, 98% PS	439
314-13-6	Evans Blue (C.I. 23860) DC	182
321-28-8	2-Fluoroanisole, 99% PS	185
328-50-7	2-Oxoglutaric Acid PRS	295
331-39-5	Caffeic Acid, 99% PS	100
333-20-0	Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	344
333-20-0	Potassium Thiocyanate PA	345
333-20-0	Potassium Thiocyanate PRS	345
333-20-0	Potassium Thiocyanate solution 20% w/v VINIKIT	345
333-20-0	Potassium Thiocyanate solution 5% w/v VINIKIT	345
333-20-0	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
334-48-5	Decanoic Acid, 98% PS	138
336-59-4	Heptafluorobutyric Anhydride CG	202
336-59-4	Heptafluorobutyric Anhydride, 99% PS	202
338-69-2	D-Alanine, 98% PS	35
345-35-7	2-Fluorobenzyl Chloride, 98% PS	187
348-54-9	2-Fluoroaniline, 99% PS	185
350-46-9	1-Fluoro-4-Nitrobenzene, 99% PS	187
351-28-0	3'-Fluoroacetanilide, 98% PS	184
351-54-2	3-Fluoro-4-Methoxybenzaldehyde, 98% PS	187
351-83-7	4'-Fluoroacetanilide, 98% PS	185
352-11-4	4-Fluorobenzyl Chloride, 99% PS	187
354-38-1	2,2,2-Trifluoroacetamide, 98% PS	456
361-09-1	Cholic Acid Sodium Salt, 98% PS	122
364-83-0	2',4'-Difluoroacetophenone, 98% PS	152
366-18-7	2,2'-Bipyridine (Reag. USP) PA-ISO	73
366-18-7	2,2'-Bipyridine, 99% PS	74
367-21-5	3-Chloro-4-Fluoroaniline, 98% PS	120
367-24-8	4-Bromo-2-Fluoroaniline, 98% PS	83
367-25-9	2,4-Difluoroaniline, 99% PS	152
369-33-5	3',4'-Difluoroacetophenone, 98% PS	152
369-34-6	1,2-Difluoro-4-Nitrobenzene, 98,5% PS	153
370-81-0	Oxalic Acid Bis (Cyclohexylidene hydrazide) PA	295
371-40-4	4-Fluoroaniline, 99% PS	185
371-42-6	4-Fluorothiophenol, 98% PS	188
372-09-8	Cyanoacetic Acid, 98% PS	134
372-19-0	3-Fluoroaniline, 99% PS	185
372-20-3	3-Fluorophenol, 99% PS	188
383-63-1	Ethyl Trifluoroacetate, 98% PS	182
393-52-2	2-Fluorobenzoyl Chloride, 98% PS	186
394-47-8	2-Fluorobenzonitrile, 98% PS	186
399-31-5	2'-Fluoroacetanilide, 98% PS	184
401-95-6	3,5-Bis (Trifluoromethyl) Benzaldehyde, 98% PS	75
403-42-9	4'-Fluoroacetophenone, 98% PS	185
403-54-3	2-Fluorobenzonitrile, 98% PS	186
407-25-0	Trifluoroacetic Anhydride CG	457
407-25-0	Trifluoroacetic Anhydride, 99% PS	457
420-37-1	Trimethylxonium tetra-Fluoroborate, 97% PS	458
431-03-8	2,3-Butanedione, 98% PS	92
441-38-3	a-Benzoinoxime PA	70
445-27-2	2'-Fluoroacetophenone, 97% PS	185
445-29-4	2-Fluorobenzoic Acid, 98% PS	186
446-08-2	2-Amino-5-Fluorobenzoic Acid, 97% PS	38
446-35-5	1,3-Difluoro-4-Nitrobenzene, 98% PS	153
446-48-0	2-Fluorobenzyl Bromide, 98% PS	186
446-52-6	2-Fluorobenzaldehyde, 97% PS	185
452-63-1	2-Bromo-5-Fluorotoluene, 98% PS	84
454-89-7	3-(Trifluoromethyl) Benzaldehyde, 98% PS	457
455-36-7	3'-Fluoroacetophenone, 98% PS	185
455-91-4	3'-Fluoro-4'-Methoxyacetophenone, 99% PS	187
456-41-7	3-Fluorobenzyl Bromide, 98% PS	187
456-42-8	3-Fluorobenzyl Chloride, 97% PS	187
456-48-4	3-Fluorobenzaldehyde, 99% PS	185
456-49-5	3-Fluoroanisole, 99% PS	185
458-37-7	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
459-32-5	4-Fluorocinnamic Acid, 98% PS	187
459-46-1	4-Fluorobenzyl Bromide, 97% PS	187
459-57-4	4-Fluorobenzaldehyde, 99% PS	186
461-58-5	1-Cyanoguanidine, 98% PS	134
461-72-3	Hydantoin, 99% PS	210
464-45-9	(-)-Borneol, 98% PS	78
470-82-6	Eucalyptol (USP) PRS-CODEX	182
470-82-6	Eucalyptol, 98% PS	182
470-82-6	Eucalyptol QP	182
471-34-1	Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO	102
471-34-1	Calcium Carbonate precipitated, low content of alkalis PA	102
471-34-1	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102
471-34-1	Calcium Carbonate precipitated PA	102
471-34-1	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
471-34-1	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103
471-34-1	Calcium Carbonate precipitated QP	103
477-73-6	Safranine O (C.I. 50240) DC	357
477-73-6	Safranine O solution 0,2% DC	358
477-73-6	Safranine O solution 1% DC	358
484-11-7	Neocuproin PA	282
485-47-2	Ninhydrin PA-ACS	284
493-52-7	Methyl Red (C.I. 13020) PA-ACS	276
494-19-9	Iminodibenzyl, 99% PS	225
497-19-8	Sodium Carbonate anhydrous EQP-ACS-ISO	369
497-19-8	Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO	369
497-19-8	Sodium Carbonate anhydrous (RFE, USP, NF, BP, Ph. Eur.) PRS-CODEX	369
497-19-8	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369
497-19-8	Sodium Carbonate 0,5 mol/l (1N) SV	370
499-06-9	3,5-Dimethylbenzoic Acid, 98% PS	157
499-75-2	5-Isopropyl-2-Methylphenol, 97% PS	238
499-83-2	Pyridine 2,6-Dicarboxylic Acid, 98% PS	353
501-30-4	Kojic Acid, 98% PS	140
504-02-9	1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS	235

504-29-0	2-Aminopyridine, 98% PS	40
504-63-2	1,3-Propanediol, 98% PS	346
506-64-9	Silver Cyanide PRS	361
506-96-7	Acetyl Bromide, 98% PS	28
507-19-7	2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS	85
512-56-1	Trimethyl Phosphate, 99% PS	458
513-48-4	2-Iodobutane, 98% stabilized with copper PS	229
513-77-9	Barium Carbonate (Reag. Ph. Eur.) PA-ACS	63
513-77-9	Barium Carbonate PA	63
513-77-9	Barium Carbonate PRS	63
515-98-0	Ammonium Lactate solution 70% w/w PS	51
516-06-3	DL-Valine, 98% PS	464
516-12-1	N-Iodosuccinimide, 98% PS	229
517-28-2	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
517-28-2	Hematoxylin (C.I. 75290) DC	201
518-47-8	Fluorescein Sodium (C.I. 45350) PA	184
518-67-2	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141
524-38-9	N-Hydroxyphthalimide, 98% PS	224
525-05-3	Nitroso R Salt PA	291
526-94-3	Sodium Hydrogen Tartrate anhydrous PRS	383
526-94-3	Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA	383
526-94-3	Sodium Hydrogen Tartrate 1-hydrate PRS	384
527-07-1	Sodium D-Gluconate (USP) PRS-CODEX	377
531-55-5	Azur B (C.I. 52010) DC	62
531-57-7	Azur C (C.I. 52002) DC	62
531-85-1	Benzidinium di-Chloride PA	69
532-32-1	Sodium Benzoate PA	366
532-32-1	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366
532-32-1	Sodium Benzoate (E-211, F.C.C.) ADITIO	366
534-16-7	Silver Carbonate PRS	361
534-22-5	2-Methylfuran, 99% PS	272
536-74-3	Phenylacetylene, 97% PS	324
538-62-5	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
538-75-0	N,N'-Dicyclohexylcarbodiimide, 98% PS	148
540-37-4	4-Iodoaniline, 98% PS	228
540-69-2	Ammonium Formate PRS	47
540-72-7	Sodium Thiocyanate PA-ACS	401
540-72-7	Sodium Thiocyanate PRS	401
540-72-7	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
540-84-1	Isooctane (UV-IR-HPLC) PAI-ACS	235
540-84-1	Isooctane (PAR) PAI	235
540-84-1	Isooctane dry (max. 0,005% water) DS-ACS	236
540-84-1	Isooctane (Reag. Ph. Eur.) PA-ACS	236
540-84-1	Isooctane PRS	236
540-84-1	Isooctane, 99% PS	236
540-84-1	Isooctane (ASTM) RE	236
540-88-5	tert-Butyl Acetate, 98% PS	95
541-73-1	1,3-Dichlorobenzene, 98% PS	143
541-88-8	Chloroacetic Anhydride, 97% PS	117
542-56-3	Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	234
542-69-8	1-Iodobutane, 98% stabilized with copper PS	228
543-80-6	Barium Acetate PA-ACS	62
543-80-6	Barium Acetate PRS	62
544-16-1	n-Butyl Nitrite stabilized with ~0,5% of sodium carbonate anhydrous PS	98
544-17-2	Calcium Formate PRS	105
544-63-8	Myristic Acid, 98% PS	280
544-92-3	Copper(I) Cyanide PRS	129
544-92-3	Copper(II) Cyanide, 98% PS	130
546-68-9	Titanium(IV) Isopropylate, 97% PS	446
547-58-0	Methyl Orange (C.I. 13025) PA-ACS	273
547-58-0	Methyl Orange solution 0,04% RV	273
547-58-0	Methyl Orange solution 0,1% RV	285
548-24-3	Eosin Bluish (C.I. 45400) DC	167
548-62-9	Crystal Violet (C.I. 42555) PA-ACS	133
548-62-9	Crystal Violet (C.I. 42555) DC	133
548-62-9	Gentian Violet (C.I. 42535+42555) DC	195
552-89-6	2-Nitrobenzaldehyde, 99% PS	289
553-24-2	Neutral Red (C.I. 50040) PA	282
553-24-2	Neutral Red (C.I. 50040) DC	282
554-13-2	Lithium Carbonate (Reag. Ph. Eur.) PA-ACS	247
554-13-2	Lithium Carbonate PRS	247
554-84-7	3-Nitrophenol, 98% PS	290
555-31-7	Aluminum Isopropylate, 98% PS	35
555-68-0	3-Nitrocinamic Acid, 99% PS	290
557-04-0	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254
557-04-0	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254
557-04-0	Magnesium Stearate QP	254
557-05-1	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
557-05-1	Zinc Stearate QP	475
557-21-1	Zinc Cyanide PRS	474
563-41-7	Semicarbazide Hydrochloride PA	359
563-63-3	Silver Acetate PRS	361
573-58-0	Congo Red (C.I. 22120) DC	128
573-58-0	Congo Red (C.I. 22120) PA	128
574-09-4	Benzoin Ethyl Ether, 99% PS	70
576-23-8	3-Bromo-1,2-Dimethylbenzene, 99% PS	85
580-13-2	2-Bromonaphthalene, 97% PS	83
581-64-6	Thionin (C.I. 52000) DC	442
584-08-7	Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO	322
584-08-7	Potassium Carbonate PA	322
584-08-7	Potassium Carbonate PRS	322
584-08-7	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323
584-08-7	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323
584-08-7	Potassium Carbonate QP	323
584-42-9	Alizarin Yellow GG (C.I. 14025) PA	33
586-75-4	4-Bromobenzoyl Chloride, 98% PS	81
586-89-0	4-Acetylbenzoic Acid, 98% PS	27
587-04-2	3-Chlorobenzaldehyde, 99% PS	117
587-98-4	Metanil Yellow (C.I. 13065) PA	264
589-15-1	4-Bromobenzyl Bromide, 98% PS	81
589-87-7	1-Bromo-4-Iodobenzene, 98% stabilized with copper PS	84
589-92-4	4-Methylcyclohexanone, 98% PS	271
590-28-3	Potassium Cyanate, 97% PS	326
590-29-4	Potassium Formate PRS	329
591-20-8	3-Bromophenol, 98% PS	85
592-85-8	Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA	263
593-56-6	O-Methylhydroxylammonium Chloride PA	272
594-61-6	2-Hydroxylisobutyric Acid, 99% PS	223
596-27-0	o-Cresolphthalein PA	132
598-62-9	Manganese(II) Carbonate x-hydrate PRS	257
599-00-8	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
600-05-5	2,3-Dibromopropionic Acid, 98% PS	141
603-35-0	Triphenylphosphine, 99% PS	459
603-45-2	Rosolic Acid (C.I. 43800) PA	357
609-65-4	2-Chlorobenzoyl Chloride, 98% PS	118
609-99-4	3,5-Dinitrosalicylic Acid, 98% PS	163
610-72-0	2,5-Dimethylbenzoic Acid, 98% PS	157
611-34-7	5-Aminoquinoline, 98% PS	40
611-72-3	DL-Mandelic Acid, 99% PS	256
612-25-9	2-Nitrobenzyl Alcohol, 99% PS	290
612-41-9	2-Nitrocinnamic Acid, 98% PS	290
615-36-1	2-Bromoaniline, 98% PS	80
615-43-0	2-Iodoaniline, 98% PS	228
616-38-6	Dimethyl Carbonate, 99% PS	158
616-79-5	2-Amino-5-Nitrobenzoic Acid, 97% PS	39
616-91-1	N-Acetyl-L-Cysteine, 98% PS	28
617-45-8	DL-Aspartic Acid PRS	61
617-45-8	DL-Aspartic Acid (F.C.C.) ADITIO	61
617-48-1	DL-Malic Acid (USP-NF) PRS-CODEX	256
617-48-1	DL-Malic Acid (E-296, F.C.C.) ADITIO	256
617-48-1	DL-Malic Acid, 99% PS	256
618-46-2	3-Chlorobenzoyl Chloride, 98% PS	118
619-89-6	4-Nitrocinnamic Acid, 97% PS	290
620-45-1	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
623-00-7	4-Bromobenzonitrile, 99% PS	80
623-05-2	4-Hydroxybenzyl Alcohol, 99% PS	222
623-37-0	3-Hexanol, 98% PS	209
624-49-7	Dimethyl Fumarate, 98% PS	159
627-63-4	Fumaryl Chloride, 97% PS	194
629-04-9	1-Bromoheptane, 98% PS	84
631-61-8	Ammonium Acetate (Reag. Ph. Eur.) PA-ACS	43
631-61-8	Ammonium Acetate PRS	44
631-61-8	Ammonium Acetate 1M buffered to pH=7, extractant solution RE	44
632-22-4	1,1,3,3-tetramethylurea, 99% PS	442
632-69-9	Rose Bengal (C.I. 45440) DC	357
632-99-5	Fuchsin Basic (C.I. 42510) DC	193
633-03-4	Brilliant Green (C.I. 42040) DC	78
633-03-4	Brilliant Green aqueous solution 5% DC	78
633-96-5	Orange II (C.I. 15510) DC	293
633-96-5	Orange II (C.I. 15510) PA	293
635-21-2	2-Amino-5-Chlorobenzoic Acid, 98% PS	38
636-61-3	D(+)-Malic Acid, 99% PS	255
636-73-7	3-Pyridinesulphonic Acid, 98% PS	353
637-03-6	Phenylarsine Oxide, 95% PS	311
637-60-5	p-Tolylhydrazinium Chloride, 98% PS	449
638-07-3	Ethyl 4-Chloroacetate, 98% PS	176
640-19-7	2-Fluoroacetamide, 98% PS	184
640-68-6	D-Valine, 99% PS	464
646-06-0	1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS	164
657-27-2	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
657-27-2	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250
657-27-2	L-Lysine mono-Hydrochloride, 99% PS	250
659-28-9	4-(Trifluoromethoxy) Benzaldehyde, 98% PS	457
666-52-4	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24
666-52-4	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24
666-52-4	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24
670-80-4	1-(4-Morpholinol) Cyclohexene, 98% PS	280
685-27-8	N-Methyl-Bis (Trifluoroacetamide) CG	269
685-27-8	N-Methyl-Bis (Trifluoroacetamide), 97% PS	269
687-47-8	Ethyl (S)-(-)-Lactate PRS	181
687-47-8	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181
687-47-8	Ethyl (S)-(-)-Lactate, 98% PS	181
693-13-0	N,N'-Diisopropylcarbodiimide, 98% PS	154
693-58-3	1-Bromononane, 98% PS	85
699-12-7	2-(Phenylthio) Ethanol, 98% PS	312
700-58-3	2-Adamantanone, 98% PS	30
765-43-5	Cyclopropylmethylketone, 98% PS	137
768-95-6	1-Adamantanol, 99% PS	30
811-98-3	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
811-98-3	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
814-95-9	Strontium Oxalate 1-hydrate PRS	428
815-06-5	N-Methyltrifluoroacetamide, 98% PS	277
822-16-2	Sodium Stearate PRS	398
822-16-2	Sodium Stearate (E-470a) ADITIO	398
823-78-9	3-Bromobenzyl Bromide, 99% PS	81
823-85-8	4-Fluorophenylhydrazinium Chloride, 97% PS	188
845-10-3	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
860-22-0	Indigo Carmine (C.I. 73015) PA	226
860-22-0	Indigo Carmine (C.I. 73015) DC	226
865-49-6	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454
865-49-6	Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI	454
865-49-6	Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI	454
867-56-1	Sodium Lactate PRS	390
868-14-4	Potassium Hydrogen Tartrate PA	333
868-14-4	Potassium Hydrogen Tartrate PRS	334
868-14-4	Potassium Hydrogen Tartrate (USP)	334
868-14-4	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334
872-50-4	1-Methyl-2-Pyrrolidone (VLSI) EG	275
872-50-4	1-Methyl-2-Pyrrolidone (C.I. 73015) DC	275
872-50-4	1-Methyl-2-Pyrrolidone (VU-IR-HPLC-GPC) PAI	275
872-50-4	1-Methyl-2-Pyrrolidone PA-ACS	276
872-50-4	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276
872-50-4	1-Methyl-2-Pyrrolidone, 99% PS	276
873-76-7	4-Chlorobenzyl Alcohol, 98% PS	118
877-24-7	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
877-24-7	Potassium Hydrogen Phthalate PA-ISO	333
877-24-7	Potassium Hydrogen Phthalate PRS	333
915-67-3	Amaranth (C.I. 16185) (Reag. USP) PA	37
930-28-9	Chlorocyclopentane, 98% PS	119
932-77-4	3-Bromobenzyl Chloride, 99% PS	81
996-50-9	N-(Trimethylsilyl) Diethylamine CG	458
999-97-3	Hexamethyldisilazane (VLSI) EG	204
999-97-3	Hexamethyldisilazane CG	204
999-97-3	Hexamethyldisilazane, 98% PS	205
1003-29-8	Pyrrrole-2-Carboxaldehyde, 98% PS	354
1064-48-8	Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA	37
1064-48-8	Amido Black 10B (C.I. 20470) DC	37
1066-33-7	Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA	47
1066-33-7	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
1066-33-7	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO	48
1066-54-2	Trimethylsilylacetylene, 98% PS	458
1071-83-6	N-(Phosphonomethyl) Glycine, 95% PS	313
1073-06-9	1-Bromo-3-Fluorobenzene, 98% PS	84
1073-67-2	4-Chlorostyrene, 98% PS	121
1073-70-7	4-Chlorophenylhydrazinium Chloride, 98% PS	121
1074-82-4	Phthalimide Potassium Salt, 98% PS	316
1076-43-3	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67
1076-43-3	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67
1076-43-3	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68
1119-34-2	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
1119-97-7	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
1121-37-5	Dicyclopropylketone, 98% PS	148
1122-58-3	4-(Dimethylamino) Pyridine, 99% PS	157
1122-91-4	4-Bromobenzaldehyde, 99% PS	80
1142-20-7	N-Z-L-Alanine, 98% PS	472
1148-11-4	N-Z-L-Proline, 98% PS	477
1149-16-2	Glyoxal-Bis (2-Hydroxyani) (Reag. Ph. Eur.) PA	200
1149-26-4	N-Z-L-Valine, 99% PS	477
1152-61-0	N-Z-L-Aspartic Acid, 98% PS	472
1155-62-0	N-Z-L-Glutamic Acid, 98% PS	473
1161-13-3	N-Z-L-Phenylalanine, 98% PS	477
1164-16-5	N-Z-L-Tyrosine hydrate, 98% PS	477

1185-53-1	Tris (Hydroxymethyl) Aminomethane Hydrochloride PA	460	1310-73-2	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386	1336-21-6	Ammonia 25% (as NH ₃) (Reag. USP, Ph. Eur.) PA	41
1185-57-5	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50	1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387	1336-21-6	Ammonia 25% (as NH ₃) (BP, Ph. Eur.) PRS-CODEX	41
1185-57-5	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50	1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387	1336-21-6	Ammonia 25% (as NH ₃) ADITIO	41
1185-57-5	Ammonium Iron(III) Citrate green PRS	50	1310-73-2	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SVc	387	1336-21-6	Ammonia 25% (as NH ₃) QP	41
1185-57-5	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50	1310-73-2	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387	1336-21-6	Ammonia 20% (as NH ₃) (TMA) HIPERPUR-PLUS	42
1193-72-2	4-Bromo-1,3-Dichlorobenzene, 98% PS	83	1310-73-2	Sodium Hydroxide 0,2 mol/l (0,2N) SV	387	1336-21-6	Ammonia 20% (as NH ₃) (TMA) HIPERPUR	42
1194-02-1	4-Fluorobenzonitrile, 99% PS	186	1310-73-2	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387	1336-21-6	Ammonia 20% (as NH ₃) PA	43
1194-65-6	2,6-Dichlorobenzonitrile, 97% PS	144	1310-73-2	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387	1336-21-6	Ammonia 20% (as NH ₃) PRS	43
1198-37-4	2,4-Dimethylquinoline, 97% PS	160	1310-73-2	Sodium Hydroxide 0,313 mol/l (0,313N) SV	387	1336-21-6	Ammonia 1 mol/l (1N) SV	43
1202-39-7	3,4-Dichlorocinnamic Acid, 97% PS	144	1310-73-2	Sodium Hydroxide 0,3546 mol/l (N/2,82) SV	387	1338-39-2	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
1234-35-1	N-α-Z-L-Arginine, 98% PS	472	1310-73-2	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc	388	1338-39-2	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
1260-17-9	Carminic Acid (C.I. 75470) DC	113	1310-73-2	Sodium Hydroxide 2 mol/l (2N) SV	388	1338-41-6	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404
1260-17-9	Cochineal (C.I. 75470) PA	127	1310-73-2	Sodium Hydroxide 1 mol/l (1N) SV	388	1338-41-6	Sorbitan Monostearate PS	404
1303-96-4	di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO	367	1310-73-2	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SVc	388	1338-43-8	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
1303-96-4	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368	1310-73-2	Sodium Hydroxide 2 mol/l (2N) SV	388	1338-43-8	Sorbitan Monooleate PS	403
1303-96-4	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368	1310-73-2	Sodium Hydroxide 1 mol/l (1N) SV	388	1341-49-7	Ammonium Hydrogen di-Fluoride PRS	48
1304-28-5	Barium Oxide, 97% PS	65	1310-73-2	Sodium Hydroxide 5 mol/l (5N) SV	388	1344-09-8	Sodium Silicate neutral solution QP	398
1304-76-3	Bismuth(III) Oxide QP	75	1310-73-2	Sodium Hydroxide 0,01 mol/l VINIKIT	388	1344-28-1	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
1305-62-0	Lime Water saturated solution RE	245	1310-73-2	Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT	388	1344-43-0	Manganese(II) Oxide PRS	258
1305-62-0	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106	1310-73-2	Sodium Hydroxide N/49 VINIKIT	388	1390-65-4	Carminic Acid (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
1305-62-0	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106	1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT	388	1390-65-4	Carminic acid soluble (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) PA	113
1305-62-0	Calcium Hydroxide native, powder QP	106	1310-73-2	Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT	388	1393-92-6	Litmus soluble PA	249
1305-62-0	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106	1310-73-2	Sodium Hydroxide N/4,9 VINIKIT	388	1393-92-6	Litmus soluble RE	249
1305-78-8	Calcium Oxide natural, pieces QP	107	1310-73-2	Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT	389	1393-92-6	Litmus stain RV	249
1306-19-0	Cadmium Oxide PRS	100	1310-73-2	Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT	389	1400-62-0	Orceloin DC	293
1306-38-3	Cerium(IV) Oxide PRS	114	1311-10-0	Strontium Hydroxide 8-hydrate PRS	427	1401-55-4	Tannic Acid PA-ACS	436
1308-06-1	Cobalt(III) Oxide PRS	126	1312-81-8	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242	1401-55-4	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436
1309-37-1	Iron(III) Oxide QP	231	1312-81-8	Lanthanum(III) Oxide PRS	242	1401-55-4	Tannic Acid (F.C.C.) ADITIO	436
1309-42-8	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252	1313-13-9	Manganese(IV) Oxide QP	258	1435-48-9	1,3-Dichloro-4-Fluorobenzene, 99% PS	145
1309-48-4	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253	1313-13-9	Manganese(IV) Oxide precipitated PRS	258	1461-15-0	Calcein PA	101
1309-48-4	Magnesium Oxide (F.C.C.) ADITIO	253	1313-27-5	Molybdenum(V) Oxide PRS	279	1465-25-4	N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS	281
1309-48-4	Magnesium Oxide QP	253	1313-60-6	Sodium Peroxide granulated PA-ACS	394	1468-95-7	9-Anthracenemethanol, 98% PS	57
1309-60-0	Lead(IV) Oxide PRS	244	1313-60-6	Sodium Peroxide granulated PA	394	1470-61-7	Silver Diethylthiocarbamate (Reag. USP, Ph. Eur.) PA-ACS	362
1309-64-4	Antimony(III) Oxide PA	57	1313-60-6	Sodium Peroxide, 95% granulated PS	395	1493-13-6	Trifluoromethanesulphonic Acid, 99% PS	457
1309-64-4	Antimony(III) Oxide QP	57	1313-84-4	Sodium Sulphide x-hydrate QP	399	1493-27-2	1-Fluoro-2-Nitrobenzene, 99% PS	187
1310-58-3	Potassium Hydroxide 85% pellets PA-ACS-ISO	334	1313-99-1	Nickel Oxide black PRS	284	1592-23-0	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
1310-58-3	Potassium Hydroxide 85% pellets PA	334	1314-13-2	Zinc Oxide EQP-ACS	474	1592-23-0	Calcium Stearate (E-470a, F.C.C.) ADITIO	108
1310-58-3	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334	1314-13-2	Zinc Oxide PA-ACS	475	1592-23-0	Calcium Stearate QP	108
1310-58-3	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335	1314-13-2	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475	1600-27-7	Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS	261
1310-58-3	Potassium Hydroxide 90% flakes QP	335	1314-13-2	Zinc Oxide (F.C.C.) ADITIO	475	1600-27-7	Mercury(II) Acetate PRS	261
1310-58-3	Potassium Hydroxide solution 40% w/w PA	335	1314-15-4	Platinum(IV) Oxide x-hydrate PS	317	1615-02-7	4-Chlorocinnamic Acid, 99% PS	119
1310-58-3	Potassium Hydroxide solution 40% w/w RE	335	1314-41-6	Lead tetra-Oxide PA	244	1633-05-2	Strontium Carbonate PRS	427
1310-58-3	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335	1314-56-3	di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO	315	1634-04-4	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
1310-58-3	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc	335	1314-56-3	di-Phosphorus penta-Oxide PRS	315	1634-04-4	tert-Butyl Methyl Ether (PAR) PAI	97
1310-58-3	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336	1314-56-3	di-Phosphorus penta-Oxide, 98% PS	315	1634-04-4	tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS	97
1310-58-3	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336	1314-62-1	Vanadium(V) Oxide PRS	465	1634-04-4	tert-Butyl Methyl Ether PRS	97
1310-58-3	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc	336	1314-98-3	Zinc Sulphide QP	477	1634-04-4	tert-Butyl Methyl Ether, 99,5% PS	97
1310-58-3	Potassium Hydroxide 1 mol/l (1N) SV	336	1317-36-8	Lead(II) Oxide (DAC) PRS-CODEX	244	1643-19-2	Tetrabutylammonium Bromide, 98% PS	438
1310-58-3	Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc	336	1317-37-9	Iron(II) Sulphide cylinders PRS	232	1662-01-7	Bathophenanthroline PA	66
1310-58-3	Potassium Hydroxide 2 mol/l (2N) SV	336	1317-38-0	Copper(II) Oxide PA	130	1665-00-5	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
1310-58-3	Potassium Hydroxide 1 mol/l (1N) VINIKIT	336	1317-38-0	Copper(II) Oxide PRS	130	1665-00-5	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148
1310-66-3	Lithium Hydroxide 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	248	1317-39-1	Copper(II) Oxide red, 95% PS	131	1665-00-5	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148
1310-66-3	Lithium Hydroxide 1-hydrate (USP) PRS-CODEX	248	1318-02-1	Molecular Sieve 3A (2 mm diameter particle) RE	278	1667-01-2	2',4',6'-Trimethylacetophenone, 98% PS	458
1310-73-2	Sodium Hydroxide pellets PA-ACS-ISO	384	1318-02-1	Molecular Sieve 4A RE	278	1668-00-4	Arsenazo III (Reag. USP) PA	60
1310-73-2	Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	1318-02-1	Molecular Sieve 5A (2 mm diameter particle) RE	279	1693-74-9	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
1310-73-2	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384	1318-02-1	Molecular Sieve 10A (2 mm diameter particle) RE	279	1711-07-5	3-Fluorobenzoyl Chloride, 98% PS	186
1310-73-2	Sodium Hydroxide pellets QP	384	1318-74-7	Aluminium Silicate QP	36	1711-09-7	3-Bromobenzoyl Chloride, 98% PS	81
1310-73-2	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	1327-53-3	Arsenic(III) Oxide EQP-ACS	60	1730-91-2	D-2-Methylbutyric Acid, 98% PS	270
1310-73-2	Sodium Hydroxide flakes QP	384	1327-53-3	Arsenic(III) Oxide (Reag. Ph. Eur.) PA	60	1733-12-6	Cresol Red PA	132
1310-73-2	Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) PRS-CODEX	385	1327-53-3	Arsenic(III) Oxide PRS	60	1733-12-6	Cresol Red solution 0,04% RV	133
1310-73-2	Sodium Hydroxide solution 50% w/w PRS	385	1330-20-7	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469	1747-60-0	2-Amino-6-Methoxybenzothiazole, 98% PS	39
1310-73-2	Sodium Hydroxide solution 50% w/v PRS	385	1330-20-7	Xylene, mixture of isomers (Reag. Ph. Eur.) PA-ACS-ISO	469	1762-95-4	Ammonium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	54
1310-73-2	Sodium Hydroxide solution 50% w/v QP	385	1330-20-7	Xylene, mixture of isomers PRS	469	1762-95-4	Ammonium Thiocyanate PRS	54
1310-73-2	Sodium Hydroxide solution 40% w/w RE	385	1330-20-7	Xylene, 98,5% mixture of isomers PS	470	1762-95-4	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54
1310-73-2	Sodium Hydroxide solution 40% w/v PA	386	1330-20-7	Xylene, mixture of isomers QP	470	1762-95-4	Ammonium Thiocyanate 0,1 mol (7,612g NH ₄ SCN) to prepare 1l of 0,1N solution SVc	55
1310-73-2	Sodium Hydroxide solution 32% w/v PA	386	1330-20-7	Xylene, mixture of isomers DC	470	1762-95-4	Ammonium Thiocyanate 1 mol/l (1N) SV	55
1310-73-2	Sodium Hydroxide solution 30% w/v RE	386	1330-20-7	Xylene, mixture of isomers low in ethylbenzene (max. 4%) PA-ACS-ISO	470	1787-61-7	Eriochrome Black T (C.I. 14645) PA-ACS	168
1310-73-2	Sodium Hydroxide solution 20% w/v RE	386	1330-43-4	di-Sodium tetra-Borate anhydrous PA	367	1824-81-3	2-Amino-6-Methylpyridine, 98% PS	39
1310-73-2	Sodium Hydroxide solution 10% w/v RE	386	1330-43-4	di-Sodium tetra-Borate anhydrous PRS	367	1829-00-1	Titan Yellow (C.I. 19540) PA	446
1310-73-2	Sodium Hydroxide 0,1 mol/l (0,1N) RE	386	1333-82-0	Chromium(VI) Oxide (Reag. Ph. Eur.) PA	122	1863-63-4	Ammonium Benzoate PA-ACS	44
1310-73-2	Sodium Hydroxide 0,02 mol/l (0,02N) SV	386	1333-82-0	Chromium(VI) Oxide QP	123	1863-63-4	Ammonium Benzoate PRS	44
1310-73-2	Sodium Hydroxide 0,025 mol/l (0,025N) SV	386	1335-32-6	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243	1866-38-2	3-Chlorocinnamic Acid, 99% PS	119
1310-73-2	Sodium Hydroxide 0,04 mol/l (0,04N) SV	386	1335-32-6	Lead(II) Hydroxideacetate PA	243	1934-21-0	Tartrazine (C.I. 19140) DC	437
			1335-32-6	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244	1934-21-0	Tartrazine solution 0,5 % w/v RE	437
			1335-32-6	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244	1936-15-8	Orange G (C.I. 16230) PA	293
			1336-21-6	Ammonia 30% (as NH ₃) PA-ACS	40	1945-77-3	Methylthymol Blue Sodium Salt PA-ACS	277
			1336-21-6	Ammonia 30% (as NH ₃) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40			
			1336-21-6	Ammonia 30% (as NH ₃) (E-527, F.C.C.) ADITIO	41			

1984-06-1	Sodium Caprylate *(Ph. Eur., BP)	369	3811-04-9	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323	5996-10-1	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197
2024-83-1	3,4-Dimethoxybenzonitrile, 98% PS	155	3844-45-9	Brilliant Blue FCF (C.I. 42090) DC	78	6001-64-5	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
2037-26-5	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448	3900-45-6	2-Acetyl-6-Methoxynaphthalene, 98% PS	28	6009-70-7	di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.) PA-ACS	52
2037-26-5	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448	3952-78-1	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32	6009-70-7	di-Ammonium Oxalate 1-hydrate PRS	52
2050-23-9	Diethyl Suberate, 98% PS	152	3978-80-1	N-Boc-L-Tyrosine, 98% PS	77	6018-89-9	Nickel(II) Acetate 4-hydrate PA	282
2052-49-5	Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS	438	4023-34-1	Cyclopropanecarbonyl Chloride, 95% PS	137	6018-89-9	Nickel(II) Acetate 4-hydrate PRS	283
2052-49-5	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438	4075-81-4	Calcium Propionate (E-282, F.C.C.) ADITIO	107	6046-93-1	Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS	128
2052-49-5	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439	4152-90-3	3-Chlorobenzylamine, 98% PS	118	6046-93-1	Copper(II) Acetate 1-hydrate PRS	128
2128-93-0	4-Benzoylbiphenyl, 98% PS	70	4196-99-0	Biebrich Scarlet (C.I. 26905) DC	73	6047-25-2	Iron(II) Oxalate 2-hydrate PA	231
2142-63-4	3'-Bromoacetophenone, 98% PS	80	4197-25-5	Sudan Black B (C.I. 26150) DC	429	6047-25-2	Iron(II) Oxalate 2-hydrate PRS	231
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27	4254-88-0	(S)-2-Aminosuberlic Acid	492	6080-56-4	Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	242
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27	4333-56-6	Cyclopropyl Bromide, 98% PS	137	6080-56-4	Lead(II) Acetate 3-hydrate PRS	243
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27	4397-53-9	4-Benzyloxybenzaldehyde, 98% PS	72	6100-05-6	tri-Potassium Citrate 1-hydrate PA	325
2206-26-0	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27	4430-20-0	Chlorophenol Red PA	121	6100-05-6	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI	161	4472-41-7	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159	6100-05-6	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161	4518-10-9	Methyl 3-Aminobenzoate, 98% PS	268	6100-19-2	Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA	344
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161	4530-20-5	N-Boc-Glycine, 98% PS	76	6100-19-2	Potassium Tartrate 1/2-hydrate PRS	344
2206-27-1	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161	4584-49-0	2-(Dimethylamino) Isopropyl Chloride Hydrochloride, 98% PS	157	6100-20-5	Potassium tetra-Oxalate 2-hydrate PRS	340
2216-51-5	L(-)-Menthhol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260	4637-24-5	N,N-Dimethylformamide-Dimethylacetal CG	159	6104-58-1	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
2216-51-5	L(-)-Menthhol, 99% PS	260	4637-24-5	N,N-Dimethylformamide-Dimethylacetal, 95% PS	159	6104-58-1	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
2217-15-4	Diisopropyl L(+)-Tartrate, 98% PS	155	4741-41-7	(S, S)-2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	493	6106-04-3	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378
2243-76-7	Alizarin Yellow R (C.I. 14030) PA	33	4792-18-1	(R, R)-2-(2,2-Diphenyl-[1,3]-Dioxolan-4-yl)-Piperidine	493	6106-04-3	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378
2303-01-7	m-Cresol Purple PA	132	5108-96-3	1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA	354	6106-21-4	Sodium Succinate 6-hydrate PA	398
2321-07-5	Fluorescein (C.I. 45350) PA	184	5141-20-8	Light Green solution 0,1% DC	245	6106-24-7	Sodium Tartrate 2-hydrate EQP-ACS	400
2345-34-8	4-Acetoxybenzoic Acid, 99% PS	27	5144-89-8	1,10-Phenanthroline 1-hydrate PA-ACS	308	6106-24-7	Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA	400
2353-45-9	Fast Green FCF (C.I. 42053) DC	183	5263-02-5	Zinc Hydroxide Carbonate QP	474	6106-24-7	Sodium Tartrate 2-hydrate PRS	401
2381-85-3	Nile Blue A Chloride (C.I. 51180) DC	284	5324-84-5	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292	6106-24-7	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401
2386-54-1	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92	5326-34-1	4-Bromo-3-Nitrotoluene, 98% PS	85	6131-90-4	Sodium Acetate 3-hydrate PA-ACS-ISO	365
2386-54-1	1-Butane Sulphonic Acid Sodium Salt, 98% PS	92	5329-14-6	Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS	429	6131-90-4	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365
2390-59-2	Ethyl Violet (C.I. 42600) PA	182	5329-14-6	Sulphamic Acid, 99% PS	429	6131-90-4	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365
2398-37-0	3-Bromoanisole, 98% PS	80	5341-61-7	Hydrazinium di-Chloride (Reag. USP) PA	211	6131-90-4	Sodium Acetate 3-hydrate QP	365
2411-89-4	Phthalein Purple PA-ACS	315	5341-61-7	Hydrazinium di-Chloride, 99% PS	211	6132-02-1	Sodium Carbonate 10-hydrate PA-ISO	370
2419-94-5	N-Boc-L-Glutamic Acid, 98% PS	76	5382-16-1	4-Hydroxypiperidine, 98% PS	224	6132-02-1	Sodium Carbonate 10-hydrate PRS	370
2437-29-8	Malachite Oxalate Green (C.I. 42000) DC	255	5421-66-9	Bismarck Brown R (C.I. 21010) DC	74	6132-02-1	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370
2465-27-2	Auramine O (C.I. 41000) DC	61	5470-11-1	Hydroxylammonium Chloride (max. 0,00001% Hg) PA-ACS-ISO	223	6132-04-3	tri-Sodium Citrate 2-hydrate PA-ACS	373
2488-15-5	N-Boc-L-Methionine, 98% PS	76	5470-11-1	Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO	223	6132-04-3	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373
2516-33-8	Cyclopropylmethanol, 98% PS	137	5470-11-1	Hydroxylammonium Chloride PRS	223	6132-04-3	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373
2516-47-4	Cyclopropylmethylamine, 96% PS	137	5470-11-1	Hydroxylammonium Chloride, 99% PS	223	6146-52-7	5-Nitroindole, 98% PS	290
2528-61-2	Heptanoyl Chloride, 98,5% PS	204	5500-21-0	Cyclopropyl Cyanide, 98% PS	137	6147-53-1	Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS	125
2538-85-4	Calcon (C.I. 15705) PA	108	5538-51-2	Acetylsalicyloyl Chloride, 98% PS	29	6147-53-1	Cobalt(II) Acetate 4-hydrate PRS	125
2553-71-1	Bromochlorophenol Blue PA	81	5665-94-1	5-Chlorocarvacrol, 97% PS	116	6152-67-6	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
2555-49-9	Ethyl Phenoxyacetate, 98% PS	182	5743-04-4	Cadmium Acetate 2-hydrate (Reag. USP) PA	99	6153-39-5	3,5-Dihydroxytoluene 1-hydrate, 99% PS	154
2576-47-8	2-Bromothylammonium Bromide, 99% PS	83	5743-47-5	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106	6153-56-6	Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	294
2580-56-5	Victoria Blue B (C.I. 44045) DC	466	5743-47-5	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106	6153-56-6	Oxalic Acid 2-hydrate PRS	294
2592-18-9	N-Boc-L-Threonine, 98% PS	76	5743-47-5	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106	6153-56-6	Oxalic Acid 0,025 mol/l (0,05N) SV	294
2622-05-1	Allylmagnesium Chloride 2M in THF PS	34	5743-47-5	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106	6153-56-6	Oxalic Acid 0,05 mol/l (0,1N) SV	295
2642-63-9	3',4'-Dichloroacetophenone, 98% PS	143	5743-47-5	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106	6153-56-6	Oxalic Acid 0,05 mol (6,303g C ₂ H ₂ O ₄) to prepare 1l of 0,1N solution SVc	295
2644-70-4	Hydrazinium mono-Chloride PRS	210	5856-62-2	Si(+)-2-Amino-1-Butanol, 98% PS	38	6153-56-6	Oxalic Acid 0,5 mol/l (1N) SV	295
2644-70-4	Hydrazinium mono-Chloride, 99% PS	211	5892-10-4	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74	6156-78-1	Manganese(II) Acetate 4-hydrate PA	257
2832-45-3	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208	5934-29-2	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209	6156-78-1	Manganese(II) Acetate 4-hydrate PRS	257
2868-37-3	Methyl Cyclopropanecarboxylate, 98% PS	271	5934-29-2	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209	6192-52-5	Toluene-4-Sulphonic Acid 1-hydrate, 98% PS	448
2924-15-4	2-Fluorophenylhydrazinium Chloride, 97% PS	188	5934-29-2	L-Histidine mono-Hydrochloride 1-hydrate, 99% PS	209	6211-24-1	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310
2924-16-5	3-Fluorophenylhydrazinium Chloride, 97% PS	188	5949-29-1	Citric Acid 1-hydrate PA-ACS-ISO	124	6226-79-5	Ponceau S (C.I. 27195) DC	320
2958-36-3	2-Amino-2',5'-Dichlorobenzophenone, 99% PS	38	5949-29-1	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	125	6287-38-3	3,4-Dichlorobenzaldehyde, 98% PS	143
3012-65-5	di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.) PA-ACS	48	5949-29-1	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	125	6363-53-7	Maltose 1-hydrate PRS	256
3012-65-5	di-Ammonium Hydrogen Citrate PRS	48	5949-29-1	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125	6381-59-5	Potassium Sodium Tartrate 4-hydrate P A-ACS-ISO	343
3051-09-0	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280	5950-69-6	Hydrindantine 2-hydrate PA	211	6381-59-5	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343
3087-16-9	Lissamine Green B (C.I. 44090) DC	246	5965-83-3	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430	6381-59-5	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343
3109-63-5	Tetrabutylammonium Hexafluorophosphate, 98% PS	438	5968-11-6	Sodium Carbonate 1-hydrate PA	370	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178
3132-99-8	3-Bromobenzaldehyde, 97% PS	80	5968-11-6	Sodium Carbonate 1-hydrate (RFE, USP, NF, BP, Ph. Eur.) PRS-CODEX	370	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178
3164-29-2	di-Ammonium Tartrate PA	54	5968-11-6	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178
3164-29-2	di-Ammonium Tartrate PRS	54	5970-45-6	Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	473	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178
3184-13-2	L-Ornithine Hydrochloride, 99% PS	294	5970-45-6	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
3244-88-0	Fuchsin Acid (C.I. 42685) DC	193	5989-27-5	Citrosol (Substitute of Xylene) DC	125	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
3262-72-4	N-Boc-L-Serine hydrate, 98% PS	76	5989-27-5	D(+)-Limonene (F.C.C.) ADITIO	246	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
3277-26-7	1,1,3,3-Tetramethyldisiloxane, 97% PS	441	5989-27-5	D(+)-Limonene, 95% PS	246	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
3279-54-7	di-Sodium Phenyl Phosphate 2-hydrate PA	395	5995-86-8	Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	194	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
3344-18-1	tri-Magnesium di-Citrate 9-hydrate PRS	252	5995-86-8	Gallic Acid 1-hydrate, 99% PS	194	6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
3433-80-5	2-Bromobenzyl Bromide, 98% PS	81	5996-10-1	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197			
3473-63-0	Formamidinium Acetate, 99% PS	191						
3564-18-9	Eriochrome cyanine R (C.I. 43820) PA	168						
3618-43-7	Xylenol Orange Tetrasodium Salt PA-ACS	472						
3648-21-3	Di-n-Heptyl Phthalate, 98% PS	153						
3688-92-4	Thorin 8-hydrate PA	443						
3737-95-9	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108						
3752-25-8	2-Chlorocinnamic Acid, 99% PS	119						
3811-04-9	Potassium Chlorate (Reag. Ph. Eur.) PA-ACS	323						

6381-92-6	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O) to prep. 1l of 0,1M sol. SVc	178	7446-70-0	Aluminium Chloride anhydrous, 98% PS	34	7647-01-0	Hydrochloric Acid-Water solution 50:50 VINIKIT	216
6487-48-5	di-Potassium Oxalate 1-hydrate PA-ACS	340	7447-40-7	Potassium Chloride EQP-ACS-ISO	323	7647-01-0	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217
6487-48-5	di-Potassium Oxalate 1-hydrate PA	340	7447-40-7	Potassium Chloride PA-ACS-ISO	324	7647-01-0	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
6487-48-5	di-Potassium Oxalate 1-hydrate PRS	340	7447-40-7	Potassium Chloride PRS	324	7647-01-0	Hydrochloric Acid 0,1 mol/l (0,1N) RE	217
6505-50-6	Manganese(II) Lactate 3-hydrate PRS	258	7447-40-7	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324	7647-01-0	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
6582-04-5	Toluidine Blue O (C.I. 52040) DC	449	7447-40-7	Potassium Chloride (E-508, F.C.C.) ADITIO	324	7647-01-0	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc	217
6582-04-5	Toluidine Blue O solution 1% DC	449	7447-40-7	Potassium Chloride QP	324	7647-01-0	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217
6858-44-2	tri-Sodium Citrate 5,5-hydrate PA	373	7447-40-7	Potassium Chloride saturated solution RV	324	7647-01-0	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217
6858-44-2	tri-Sodium Citrate 5,5-hydrate PRS	374	7447-40-7	Potassium Chloride 3 mol/l RV	324	7647-01-0	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217
6858-44-2	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374	7447-40-7	Potassium Chloride 1 mol/l (1N) SV	324	7647-01-0	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217
6921-34-2	Benzylmagnesium Chloride 2M in THF PS	72	7447-40-7	Potassium Chloride 0,1 mol/l (0,1N) SV	324	7647-01-0	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc	217
6940-78-9	1-Bromo-4-Chlorobutane, 98% PS	81	7447-41-8	Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS	248	7647-01-0	Hydrochloric Acid 1 mol/l (1N) SV	217
7051-34-5	Bromomethylcyclopropane, 91% PS	84	7447-41-8	Lithium Chloride 1 mol/l in ethanol RV	248	7647-01-0	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc	217
7080-50-4	Chloramine T 3-hydrate (Reag. USP) PA-ACS	116	7487-88-9	Magnesium Sulphate anhydrous QP	254	7647-01-0	Hydrochloric Acid 2 mol/l (2N) SV	217
7080-50-4	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116	7487-88-9	Magnesium Sulphate 75% extradyr, powder PRS	254	7647-01-0	Hydrochloric Acid 3 mol/l (3N) SV	218
7080-50-4	Chloramine T 3-hydrate, 98% PS	116	7487-88-9	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255	7647-01-0	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218
7087-68-5	N-Ethyl-Di-Isopropylamine, 98% PS	176	7487-88-9	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255	7647-01-0	Hydrochloric Acid 5 mol/l (5N) SV	218
7114-03-6	Methyl Green (C.I. 42585) DC	272	7487-94-7	Mercury(II) Chloride PA-ACS	261	7647-10-1	Palladium(II) Chloride anhydrous PS	296
7151-68-0	3-Methoxy-4-Methylbenzoic Acid, 96% PS	267	7487-94-7	Mercury(II) Chloride PRS	261	7647-14-5	DERQUIM SALT (Sodium Chloride lumps)	139
7154-66-7	2-Bromobenzoyl Chloride, 98% PS	81	7488-55-3	Tin(II) Sulphate PRS	445	7647-14-5	Sodium Chloride EQP-ACS-ISO	371
7291-22-7	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353	7536-55-2	N- α -BOC-L-Asparagine, 98% PS	76	7647-14-5	Sodium Chloride (max. 0,000005% Hg) PA-ACS-ISO	371
7291-22-7	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353	7550-35-8	Lithium Bromide PA	247	7647-14-5	Sodium Chloride PA-ACS-ISO	371
7291-22-7	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353	7550-35-8	Lithium Bromide PRS	247	7647-14-5	Sodium Chloride PA	371
7320-34-5	tetra-Potassium Pyrophosphate anhydrous PRS	342	7553-56-2	Iodine resublimed pearls PA-ACS	227	7647-14-5	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372
7320-34-5	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342	7553-56-2	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227	7647-14-5	Sodium Chloride (F.C.C.) ADITIO	372
7345-79-1	2-Bromocinnamic Acid, 98% PS	82	7553-56-2	Iodine 0,01 mol/l (0,02N) SV	228	7647-14-5	Sodium Chloride QP	372
7345-82-6	2,3-Dimethoxycinnamic Acid, 97% PS	155	7553-56-2	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228	7647-14-5	Sodium Chloride ASTM B117-09 RE	372
7429-90-5	Aluminium metal, powder PRS	34	7553-56-2	Iodine 0,025 mol/l (0,05N) SV	228	7647-14-5	Sodium Chloride coarse salt QP	372
7432-21-5	N- α -Z-L-Tryptophan, 98% PS	477	7553-56-2	Iodine 0,05 mol/l (0,1N) SV	228	7647-14-5	Sodium Chloride 0,1 mol/l (0,1N) SV	372
7439-89-6	Iron metal reduced by hydrogen PRS	229	7553-56-2	Iodine 0,05 mol (12,690g I ₂) to prepare 1l of 0,1N solution SVc	228	7647-14-5	Sodium Chloride 1 mol/l (1N) SV	372
7439-89-6	Iron metal, fine granulated QP	229	7553-56-2	Iodine 0,5 mol/l (1N) SV	228	7647-14-5	Sodium Chloride solution ASTM B117-09 RE	372
7439-89-6	Iron metal, thick granulated QP	229	7553-56-2	Iodine 0,01 mol/l (0,02N) VINIKIT	228	7647-15-6	Sodium Bromide (Reag. USP) PA-ACS	368
7439-92-1	Lead, 98% metal, granules PS	242	7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	380	7647-15-6	Sodium Bromide PA	368
7439-92-1	Lead metal, powder PRS	242	7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380	7647-15-6	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369
7439-93-2	Lithium metal, pieces in Argon atmosphere PRS	246	7558-79-4	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380	7647-17-8	Cesium Chloride (Reag. Ph. Eur.) PA	114
7439-93-2	Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS	246	7558-79-4	di-Sodium Hydrogen Phosphate anhydrous QP	380	7664-38-2	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
7439-93-2	Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS	246	7558-80-7	Sodium di-Hydrogen Phosphate anhydrous PA	382	7664-38-2	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314
7439-95-4	Magnesium metal, ribbon QP	250	7601-90-3	Sodium di-Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	382	7664-38-2	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
7439-95-4	Magnesium metal, filings PRS	250	7601-90-3	Sodium di-Hydrogen Phosphate anhydrous PA	382	7664-38-2	ortho-Phosphoric Acid 85% QP	314
7439-95-4	Magnesium metal, filings PS	250	7601-90-3	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302	7664-38-2	ortho-Phosphoric Acid 50% PA	314
7439-95-4	Magnesium metal, powder PRS	250	7601-90-3	Perchloric Acid 70% (max. 0,000005% Hg) PA-ACS-ISO	302	7664-38-2	Phosphorus standard solution P=10,00±0,02 g/l ICP	415
7439-96-5	Manganese metal, small sheets PRS	257	7601-90-3	Perchloric Acid 70% PA-ACS-ISO	303	7664-39-3	Hydrofluoric Acid 50% (VLSI) EG	218
7439-97-6	Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS	260	7601-90-3	Perchloric Acid 70% PRS	303	7664-39-3	Hydrofluoric Acid 50% (MOS) EG	218
7439-97-6	Mercury metal PRS	260	7601-90-3	Perchloric Acid 60% PA-ACS-ISO	303	7664-39-3	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218
7440-02-0	Nickel metal, balls (Reag. USP) PA	282	7601-90-3	Perchloric Acid 60% PRS	303	7664-39-3	Hydrofluoric Acid 48% (TMA) HIPERPUR	219
7440-05-3	Palladium 5% on Calcium Carbonate, poisoned with lead PS	295	7601-90-3	Perchloric Acid 60% PRS	303	7664-39-3	Hydrofluoric Acid 48% PA-ACS-ISO	219
7440-05-3	Palladium-Charcoal Activated (5% Pd) PS	295	7601-90-3	Perchloric Acid 20% PRS	303	7664-39-3	Hydrofluoric Acid 40% PA-ISO	219
7440-05-3	Palladium-Charcoal Activated (10% Pd) PS	296	7601-90-3	Perchloric Acid 1 mol/l (1N) SV	304	7664-39-3	Hydrofluoric Acid 40% QP	220
7440-23-5	Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS	364	7631-90-5	Sodium Hydrogen Sulphite solution 40% w/v QP	383	7664-93-9	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431
7440-23-5	Sodium metal, sticks PRS	364	7631-99-4	Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO	392	7664-93-9	Sulphuric Acid 93-98% (TMA) HIPERPUR	431
7440-23-5	Sodium, 99% metal, sticks in vaseline oil PS	364	7631-99-4	Sodium Nitrate PRS	392	7664-93-9	Sulphuric Acid 96% (VLSI) EG	431
7440-31-5	Tin metal, powder PRS	444	7631-99-4	Sodium Nitrate (E-251, F.C.C.) ADITIO	392	7664-93-9	Sulphuric Acid 95-98% (max. 0,000005% Hg) PA-ACS-ISO	432
7440-36-0	Antimony metal, pieces QP	57	7632-00-0	Sodium Nitrite (Reag. Ph. Eur.) PA-ACS	392	7664-93-9	Sulphuric Acid 96% PA-ISO	432
7440-43-9	Cadmium metal, sheets PRS	98	7632-00-0	Sodium Nitrite (USP) PRS-CODEX	392	7664-93-9	Sulphuric Acid 98% (UNE-EN 899) PA	432
7440-43-9	Cadmium metal, thick powder (Reag. Ph. Eur.) PA	98	7632-00-0	Sodium Nitrite (E-250, F.C.C.) ADITIO	392	7664-93-9	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
7440-44-0	Charcoal Activated powder PA	115	7646-69-7	Sodium Hydride 60% mineral oil dispersion PS	378	7664-93-9	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
7440-44-0	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115	7646-79-9	Cobalt(II) Chloride anhydrous, 99% PS	125	7664-93-9	Sulphuric Acid 96% QP	433
7440-44-0	Charcoal Activated powder QP	115	7646-79-9	Cobalt(II) Chloride anhydrous QP	125	7664-93-9	Sulphuric Acid 98% RE	433
7440-44-0	Charcoal Activated granulated n° 1 QP	115	7646-85-7	Zinc Chloride PA-ACS	473	7664-93-9	Sulphuric Acid 90-91% acc. to Gerber PA	433
7440-44-0	Charcoal Activated granulated n° 2 QP	115	7646-85-7	Zinc Chloride PRS	474	7664-93-9	Sulphuric Acid 25% PA	433
7440-44-0	Charcoal Activated granulated n° 3 QP	115	7646-93-7	Potassium Hydrogen Sulphate PA	333	7664-93-9	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
7440-50-8	Copper metal, powder PRS	128	7646-93-7	Potassium Hydrogen Sulphate PRS	333	7664-93-9	Sulphuric Acid solution 1/3 w/v VINIKIT	433
7440-50-8	Copper, 99% metal, turnings PS	128	7647-01-0	Hydrochloric Acid 37% (TMA) ANALPUR	213	7664-93-9	Sulphuric Acid solution 16% v/v VINIKIT	433
7440-66-6	Zinc metal, powder PRS	473	7647-01-0	Hydrochloric Acid 37% (VLSI) EG	213	7664-93-9	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
7440-69-9	Bismuth metal, needles QP	74	7647-01-0	Hydrochloric Acid 37% (MOS) EG	213	7664-93-9	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
7440-70-2	Calcium, 98% metal, granules PS	101	7647-01-0	Hydrochloric Acid 37% (max. 0,000005% Hg) PA-ACS-ISO	213	7664-93-9	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
7446-08-4	Selenium(IV) Oxide, 97% PS	359	7647-01-0	Hydrochloric Acid 37% PA-ACS-ISO	214	7664-93-9	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
7446-14-2	Lead(II) Sulphate PA	245	7647-01-0	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214	7664-93-9	Sulphuric Acid 0,25 mol/l (0,25N) SV	434
7446-14-2	Lead(II) Sulphate PRS	245	7647-01-0	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214	7664-93-9	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
7446-19-7	Zinc Sulphate 1-hydrate PA	476	7647-01-0	Hydrochloric Acid 37% QP	214	7664-93-9	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
7446-19-7	Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP) PRS-CODEX	476	7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215	7664-93-9	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
7446-19-7	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476	7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR	215	7664-93-9	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
7446-20-0	Zinc Sulphate 7-hydrate PA-ACS	476	7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR	215	7664-93-9	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
7446-20-0	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476	7647-01-0	Hydrochloric Acid 35% (TMA) HIPERPUR	215	7664-93-9	Sulphuric Acid 0,5 mol/l (1N) SV	434
7446-20-0	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476	7647-01-0	Hydrochloric Acid 32% PA-ISO	216	7664-93-9	Sulphuric Acid 0,5 mol (49,039g H ₂ SO ₄) to prepare 1l of 1N solution SVc	434
7446-20-0	Zinc Sulphate 0,05 mol/l (0,05M) SV	477	7647-01-0	Hydrochloric Acid 32% PRS	216	7664-93-9	Sulphuric Acid 1 mol/l (2N) SV	435
7446-20-0	Zinc Sulphate 0,1 mol/l (0,1M) SV	477	7647-01-0	Hydrochloric Acid 25% PA-ISO	216	7664-93-9	Sulphuric Acid 2,5 mol/l (5N) SV	435
			7647-01-0	Hydrochloric Acid 10 g/l RE	216	7664-93-9	Sulphuric Acid 4 mol/l (8N) SV	435
			7647-01-0	Hydrochloric Acid 10 g/l VINIKIT	216	7664-93-9	Sulphuric Acid 5 mol/l (10N) SV	435

7664-93-9	Sulphur standard solution S=1,000±0,002 g/l ICP	417	7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221	7758-11-4	di-Potassium Hydrogen Phosphate anhydrous PA	331
7664-93-9	Sulphur standard solution S=10,00±0,02 g/l ICP	417	7722-84-1	Hydrogen Peroxide 10% w/v (~33 vol.) stabilized VINIKIT	221	7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331
7681-11-0	Potassium Iodide PA-ACS-ISO	337	7722-84-1	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221	7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331
7681-11-0	Potassium Iodide PA-ISO	338	7722-84-1	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221	7758-16-9	di-Sodium di-Hydrogen Pyrophosphate PRS	383
7681-11-0	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338	7722-84-1	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222	7758-16-9	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383
7681-11-0	Potassium Iodide (F.C.C.) ADITIO	338	7722-88-5	tetra-Sodium Pyrophosphate anhydrous PRS	396	7758-19-2	Sodium Chlorite solution 25% w/v PS	372
7681-11-0	Potassium Iodide solution 30% w/v VINIKIT	338	7722-88-5	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396	7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA	101
7681-11-0	Potassium Iodide solution 10% w/v RE	338	7723-14-0	Phosphorus red PRS	315	7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS	102
7681-11-0	Potassium Iodide 0,1 mol/l (0,1N) SV	338	7726-95-6	Bromine Water saturated solution RE	79	7758-23-8	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	102
7681-11-0	Potassium Iodide 1 mol/l (1N) SV	338	7726-95-6	Bromine (Reag. Ph. Eur.) PA-ACS-ISO	79	7758-87-4	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
7681-38-1	Sodium Hydrogen Sulphate anhydrous PRS	383	7726-95-6	Bromine PRS	79	7758-87-4	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107
7681-49-4	Fluoride standard solution F=1,000±0,005 g/l AA	406	7726-95-6	Bromine, 99% PS	79	7758-89-6	Copper(II) Chloride PA-ACS	129
7681-49-4	Sodium Fluoride PA-ACS-ISO	377	7727-21-1	Potassium Peroxodisulphate (Reag. Ph. Eur.) PA	342	7758-89-6	Copper(II) Chloride, 95% PS	129
7681-49-4	Sodium Fluoride (USP) PRS-CODEX	377	7727-21-1	Potassium Peroxodisulphate PRS	342	7758-95-4	Lead(II) Chloride PA	243
7681-52-9	Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA	389	7727-43-7	Barium Sulphate PA	65	7758-95-4	Lead(II) Chloride PRS	243
7681-52-9	Sodium Hypochlorite solution 5% w/v QP	389	7727-43-7	Barium Sulphate PRS	65	7758-95-4	Lead(II) Chloride, 99% PS	243
7681-52-9	Sodium Hypochlorite solution 10% w/v QP	389	7727-43-7	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65	7758-97-6	Lead(II) Chromate PA	243
7681-55-2	Sodium Iodate PA	389	7727-54-0	Ammonium Peroxodisulphate (Reag. Ph. Eur.) PA-ACS	52	7758-98-7	Copper(II) Sulphate anhydrous (Reag. USP) PA	131
7681-55-2	Sodium Iodate PRS	389	7727-54-0	Ammonium Peroxodisulphate PRS	52	7758-98-7	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131
7681-57-4	Sodium Disulphite PA-ACS	375	7727-54-0	DERQUIM OXY (Substitute of Chromic Mixture) SOLID	140	7758-98-7	Copper(II) Sulphate solution d.1,050 DC	131
7681-57-4	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375	7727-73-3	Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS	399	7758-98-7	Copper(II) Sulphate solution d.1,053 DC	132
7681-57-4	Sodium Disulphite (E-223, F.C.C.) ADITIO	375	7727-73-3	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399	7758-98-7	Copper(II) Sulphate solution d.1,055 DC	132
7681-65-4	Copper(II) Iodide PRS	135	7727-73-3	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399	7758-98-7	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
7681-65-4	Copper(II) Iodide, 99% PS	135	7732-18-5	Water (TMA) HIPERPUR-PLUS	466	7758-98-8	Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	131
7681-82-5	Sodium Iodide PA-ACS	390	7732-18-5	Water (HPLC-gradient grade) PAI	466	7759-02-6	Strontium Sulphate PRS	428
7681-82-5	Sodium Iodide PRS	390	7732-18-5	Water (UV-HPLC) PAI-ACS	467	7761-88-8	Silver Nitrate EQP-ACS-ISO	362
7682-20-4	S-2-Aminobutyramide Hydrochloride	492	7732-18-5	Water (LC-MS) PAI	467	7761-88-8	Silver Nitrate PA-ACS-ISO	362
7693-46-1	4-Nitrophenyl Chloroformate, 95% PS	291	7732-18-5	Water (PAR) PAI	467	7761-88-8	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362
7697-37-2	Nitric Acid fuming (Reag. Ph. Eur.) PA	285	7732-18-5	Water PA-ACS	467	7761-88-8	Silver Nitrate solution 0,5% w/v RE	362
7697-37-2	Nitric Acid fuming PS	285	7732-18-5	Water (BP, Ph. Eur.) PRS-CODEX	467	7761-88-8	Silver Nitrate solution 2% w/v RE	362
7697-37-2	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285	7732-18-5	Water Deionized QP	467	7761-88-8	Silver Nitrate volumetric solution 2,9067% RV	362
7697-37-2	Nitric Acid 69% (TMA) HIPERPUR	286	7757-79-1	Nitrogen standard solution N=10,00±0,02 g/l ICP	414	7761-88-8	Silver Nitrate 0,01 mol/l (0,01N) SV	362
7697-37-2	Nitric Acid 69% (VLS) EG	286	7757-79-1	Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO	338	7761-88-8	Silver Nitrate 0,02 mol/l (0,02N) SV	362
7697-37-2	Nitric Acid 69% PA-ACS-ISO	286	7757-79-1	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	338	7761-88-8	Silver Nitrate 0,05 mol/l (0,05N) SV	363
7697-37-2	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287	7757-79-1	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339	7761-88-8	Silver Nitrate 0,1 mol/l (0,1N) SV	363
7697-37-2	Nitric Acid 65% (TMA) ANALPUR	287	7757-79-1	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339	7761-88-8	Silver Nitrate 0,1 mol (16,987g AgNO ₃) to prepare 1l of 0,1N solution SVc	363
7697-37-2	Nitric Acid 65% (max. 0,000005% de Hg) PA	287	7757-79-1	Potassium Nitrate 1 mol/l RV	339	7761-88-8	Silver Nitrate 1 mol/l (1N) SV	363
7697-37-2	Nitric Acid 65% PA-ISO	287	7757-82-6	Sodium Sulphate anhydrous, granulated (PAR) PAI	398	7772-98-7	Sodium Thiosulphate anhydrous PA	401
7697-37-2	Nitric Acid 65% PRS	288	7757-82-6	Sodium Sulphate anhydrous, powder (PAR) PAI	398	7772-98-7	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
7697-37-2	Nitric Acid 65% QP	288	7757-82-6	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398	7772-98-7	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
7697-37-2	Nitric Acid 53% PA	288	7757-82-6	Sodium Sulphate anhydrous PRS	399	7772-98-7	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
7697-37-2	Nitric Acid 0,1 mol/l (0,1N) SV	288	7757-82-6	Sodium Sulphate anhydrous *	399	7772-98-7	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
7697-37-2	Nitric Acid 0,5 mol/l (0,5N) SV	288	7757-82-6	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) CODEX	399	7772-98-7	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
7697-37-2	Nitric Acid 1 mol/l (1N) SV	288	7757-82-6	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399	7772-98-7	Sodium Thiosulphate 1 mol/l (1N) SV	402
7697-37-2	Nitric Acid 2 mol/l (2N) SV	288	7757-82-6	Sodium Sulphate anhydrous, 99% PS	399	7772-98-7	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402
7697-37-2	Nitric Acid 4 mol/l (4N) RV	288	7757-83-7	Sodium Sulphate anhydrous PA-ACS	400	7773-06-0	Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS	53
7699-45-8	Zinc Bromide, 98% PS	473	7757-83-7	Sodium Sulphite anhydrous PRS	400	7774-29-0	Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS	262
7704-34-9	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430	7757-83-7	Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX	400	7774-29-0	Mercury(II) Iodide red PA	262
7704-34-9	Sulphur sublimated (USP) PRS-CODEX	430	7757-83-7	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400	7774-34-7	Calcium Chloride 6-hydrate PA	104
7705-08-0	Iron(III) Chloride anhydrous, 97% PS	230	7757-93-9	Calcium Hydrogen Phosphate anhydrous PA	105	7774-34-7	Calcium Chloride 6-hydrate PRS	104
7705-08-0	Iron(III) Chloride 30% aqueous solution QP	230	7757-93-9	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105	7774-34-7	Calcium Chloride 6-hydrate (E-509) ADITIO	104
7719-09-7	Thionyl Chloride, 99% PS	442	7757-93-9	Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO	105	7775-09-9	Sodium Chlorate PA-ACS	371
7722-64-7	Potassium Permanganate (max. 0,00005% Hg) PA-ACS	341	7758-01-2	Potassium Bromate EQP-ACS-ISO	321	7775-09-9	Sodium Chlorate PRS	371
7722-64-7	Potassium Permanganate PA-ACS	341	7758-01-2	Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO	321	7775-11-3	Sodium Chromate PA	373
7722-64-7	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341	7758-01-2	Potassium Bromate PRS	321	7775-14-6	Sodium Dithionite QP	376
7722-64-7	Potassium Permanganate 0,01 mol/l (0,05N) SV	341	7758-01-2	Potassium Bromate (F.C.C.) ADITIO	321	7775-27-1	Sodium Peroxodisulphate PRS	395
7722-64-7	Potassium Permanganate 0,02 mol/l (0,1N) SV	341	7758-01-2	Potassium Bromate 1/60 mol/l (0,1N) SV	321	7778-50-9	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
7722-64-7	Potassium Permanganate 0,02 mol (3,161g KMnO ₄) to prepare 1l of 0,1N solution SVc	341	7758-01-2	Potassium Bromide (IR) PAI	322	7778-50-9	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327
7722-64-7	Potassium Permanganate 0,1 mol/l (0,5N) SV	341	7758-01-2	Potassium Bromide PA-ACS	322	7778-50-9	Potassium Dichromate PA-ACS-ISO	327
7722-64-7	Potassium Permanganate 0,2 mol/l (1N) SV	342	7758-01-2	Potassium Bromide PA	322	7778-50-9	Potassium Dichromate PRS	327
7722-76-1	Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	49	7758-01-2	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322	7778-50-9	Potassium Dichromate solution 10% RE	327
7722-76-1	Ammonium di-Hydrogen Phosphate PRS	49	7758-05-6	Potassium Iodate EQP-ACS-ISO	337	7778-50-9	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
7722-76-1	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49	7758-05-6	Potassium Iodate (Reag. Ph. Eur.) PA-ACS	337	7778-50-9	Potassium Dichromate 1/60 mol/l (0,1N) SV	327
7722-76-1	Phosphate Matrix Modifier RE	259	7758-05-6	Potassium Iodate PRS	337	7778-50-9	Potassium Dichromate 1/60 mol (4,903g K ₂ Cr ₂ O ₇) to prepare 1l of 0,1N solution SVc	328
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO	220	7758-05-6	Potassium Iodate (F.C.C.) ADITIO	337	7778-50-9	Potassium Dichromate 1/24 mol/l (0,25N) SV	328
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) stabilized	220	7758-05-6	Potassium Iodate 0,05 mol/l (0,3N) SV	337	7778-50-9	Potassium Dichromate 1/6 mol/l (1N) SV	328
7722-84-1	Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP	220	7758-05-6	Potassium Iodate 1/60 mol/l (0,1N) SV	337	7778-74-7	Potassium Perchlorate PA-ACS	340
7722-84-1	Hydrogen Peroxide 30% w/v (VLS) EG	220	7758-09-0	Potassium Nitrate PA-ACS	339	7778-74-7	Potassium Perchlorate (DAC) PRS-CODEX	340
7722-84-1	Hydrogen Peroxide 30% w/v (MOS) EG	220	7758-09-0	Potassium Nitrate PRS	339	7778-77-0	Phosphorus standard solution P=1,000±0,002 g/l ICP	415
7722-84-1	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221	7758-09-0	Potassium Nitrate (E-249, F.C.C.) ADITIO	339			
7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) PA	221	7758-11-4	di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	331			
7722-84-1	Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS	221						

7778-77-0	Potassium di-Hydrogen Phosphate PA-ACS	332	7789-00-6	Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS	325	8002-74-2	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
7778-77-0	Potassium di-Hydrogen Phosphate PA	332	7789-00-6	Potassium Chromate PA	325	8002-74-2	Paraplast®Paraffin M.P. 56-58°C pellets	297
7778-77-0	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332	7789-00-6	Potassium Chromate PRS	325	8003-05-2	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312
7778-77-0	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332	7789-00-6	Potassium Chromate solution 5% w/v RV	325	8004-87-3	Methyl Violet (C.I. 42535) DC	277
7778-77-0	Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV	333	7789-00-6	Potassium Chromate solution 10% w/v RV	325	8005-03-6	Nigrosine water soluble (C.I. 50420) DC	284
7778-80-5	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344	7789-02-8	Chromium(III) Nitrate 9-hydrate PA	122	8006-28-8	Soda Lime with indicator QP	364
7778-80-5	Potassium Sulphate PRS	344	7789-02-8	Chromium(III) Nitrate 9-hydrate PRS	122	8006-64-2	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP) PRS-CODEX	461
7778-80-5	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344	7789-09-5	Ammonium Dichromate moistened with 0,5 - 3,0% of H ₂ O PA-ACS	46	8006-64-2	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP, Ph. Eur.) CODEX	461
7782-49-2	Selenium metal powder PRS	359	7789-09-5	Ammonium Dichromate moistened with 0,5-3,0% of H ₂ O PRS	47	8006-64-2	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol QP	461
7782-61-8	Iron(III) Nitrate 9-hydrate PRS	230	7789-12-0	Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS	374	8007-43-0	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
7782-63-0	Iron(III) Sulphate 7-hydrate PA-ACS	231	7789-12-0	Sodium Dichromate 2-hydrate PRS	374	8007-43-0	Sorbitan Sesquioleate PS	404
7782-63-0	Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	231	7789-20-0	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140	8007-47-4	Canada Balsam DC	109
7782-63-0	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232	7789-20-0	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140	8009-03-8	Vaseline Soft QP	466
7782-75-4	Magnesium Hydrogen Phosphate 3-hydrate PRS	252	7789-23-3	Potassium Fluoride PRS	329	8012-95-1	Vaseline Oil (IR) PAI	465
7782-75-4	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252	7789-24-4	Lithium Fluoride PRS	248	8012-95-1	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
7782-85-6	di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS	381	7789-29-9	Potassium Hydrogen Difluoride, 99% PS	330	8012-95-1	Vaseline Oil (F.C.C.) ADITIO	465
7782-86-7	Mercury(II) Nitrate 2-hydrate (ACS IX) PA-ACS	262	7789-33-5	Iodine mono-Bromide PRS	228	8012-95-1	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245
7782-86-7	Mercury(II) Nitrate 2-hydrate PRS	262	7789-33-5	Iodine mono-Bromide, 98% PS	228	8017-16-1	Polyphosphoric Acid PS	318
7782-89-0	Lithium Amide, 94% PS	247	7789-38-0	Sodium Bromate PRS	368	8050-09-7	Colophony (BP, Ph. Eur.) PRS-CODEX	127
7782-91-4	Molybdic Acid (contains ammonium molybdate) PA-ACS	279	7789-45-9	Copper(II) Bromide PRS	129	8052-41-3	White Spirit PA	468
7782-91-4	Molybdic Acid (contains ammonium molybdate) PRS	279	7789-45-9	Copper(II) Bromide, 99% PS	129	8052-41-3	White Spirit PS	468
7782-99-2	Sulphurous Acid solution 6% PA-ACS	435	7789-47-1	Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS	261	9000-01-5	Arabic Gum powder PRS	59
7783-20-2	Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	53	7789-47-1	Mercury(II) Bromide PRS	261	9000-01-5	Arabic Gum powder (E-414, F.C.C.) ADITIO	59
7783-20-2	Ammonium Sulphate PA	53	7789-60-8	Phosphorus tri-Bromide, 98% PS	315	9000-70-8	Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195
7783-20-2	Ammonium Sulphate PRS	53	7789-77-7	Calcium Hydrogen Phosphate 2-hydrate PA	105	9000-70-8	Gelatine 80-100 Blooms ADITIO	195
7783-20-2	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53	7789-77-7	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105	9000-70-8	Gelatine, Bacteriological (Ingredient) CULTIMED	195
7783-20-2	Nitrogen standard solution N=1,000±0,002 g/l ICP	414	7789-77-7	Calcium Hydrogen Phosphate 2-hydrate (E-341iii, F.C.C.) ADITIO	105	9000-70-8	Gelatine Gold DC	195
7783-28-0	di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	48	7790-21-8	Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS	341	9001-75-6	Pepsin 1:10.000 NF RE	301
7783-28-0	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	48	7790-21-8	Potassium meta-Periodate PRS	341	9001-75-6	Liquid Pepsin RE	301
7783-28-0	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48	7790-28-5	Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS	394	9002-18-0	Agar (USP) PRS-CODEX	31
7783-35-9	Mercury(II) Sulphate PA-ACS	263	7790-28-5	Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS	394	9002-18-0	Agar (E-406, F.C.C.) ADITIO	31
7783-35-9	Mercury(II) Sulphate PRS	263	7790-28-5	Sodium meta-Periodate QP	394	9002-18-0	Agar, Bacteriological American Type (Ingredient) CULTIMED	31
7783-40-6	Magnesium Fluoride PA	252	7790-69-4	Lithium Nitrate PRS	249	9002-18-0	Agar, Bacteriological European Type (Ingredient) CULTIMED	31
7783-40-6	Magnesium Fluoride PRS	252	7790-80-9	Cadmium Iodide PA	99	9002-18-0	Agar, Purified (Ingredient) CULTIMED	31
7783-48-4	Strontium Fluoride PRS	427	7790-80-9	Cadmium Iodide PRS	99	9002-18-0	Agar, Technical (Ingredient) CULTIMED	31
7783-83-7	Alum Iron Ammonium saturated solution RV	37	7790-84-3	Cadmium Sulphate 8/3-hydrate PA-ACS	100	9002-92-0	Brij® 35 QP	78
7783-83-7	Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51	7790-84-3	Cadmium Sulphate 8/3-hydrate PRS	100	9002-92-0	Brij® 35 aqueous solution 30% w/v DC	78
7783-83-7	Ammonium Iron(III) Sulphate 12-hydrate PRS	51	7790-94-5	Chlorosulphonic Acid, 98% PS	121	9002-93-1	Triton® X 100 PRS	460
7783-85-9	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50	7790-98-9	Ammonium Perchlorate PA	52	9002-93-1	Triton® X 405 solution 70% PRS	460
7783-85-9	Ammonium Iron(II) Sulphate 6-hydrate PRS	50	7790-98-9	Ammonium Perchlorate PRS	52	9004-32-4	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
7783-85-9	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50	7790-99-0	Iodine mono-Chloride, 98% PS	228	9004-32-4	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112
7783-85-9	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50	7791-07-3	Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS	394	9004-32-4	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
7783-90-6	Silver Chloride PRS	361	7791-13-1	Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	126	9004-32-4	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112
7783-96-2	Silver Iodide PA	362	7791-13-1	Cobalt(II) Chloride 6-hydrate PRS	126	9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
7784-13-6	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35	7791-18-6	Magnesium Chloride 6-hydrate PA-ACS-ISO	251	9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112
7784-24-9	Aluminium Potassium Sulphate 12-hydrate PA-ACS	36	7791-18-6	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251	9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
7784-24-9	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36	7791-18-6	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251	9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (F.C.C.) ADITIO	112
7784-24-9	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36	7791-18-6	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252	9004-32-4	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112
7784-26-1	Aluminium Ammonium Sulphate 12-hydrate PA-ACS	34	7791-18-6	Magnesium Chloride 6-hydrate QP	252	9004-53-9	Dextrin Yellow PS	140
7784-26-1	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34	7791-20-0	Nickel(II) Chloride 6-hydrate PA	283	9005-64-5	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
7784-27-2	Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS	35	7791-20-0	Nickel(II) Chloride 6-hydrate PRS	283	9005-64-5	Polysorbate 20 (E-432) ADITIO	318
7784-27-2	Aluminium Nitrate 9-hydrate PRS	35	7791-25-5	Sulphuryl Chloride, 98% PS	435	9005-64-5	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
7784-31-8	Aluminium Sulphate 18-hydrate PA-ACS	36	7803-55-6	Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS	55	9005-64-5	Tween® 20 (E-432) ADITIO	462
7784-31-8	Aluminium Sulphate 18-hydrate PRS	36	7803-55-6	Ammonium meta-Vanadate PRS	55	9005-64-5	Tween® 20 PS	462
7784-31-8	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36	7803-57-8	Hydrazinium Hydroxide 100% PS	211	9005-65-6	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
7784-31-8	Aluminium Sulphate 0,9 mol/l RV	36	7803-63-6	Ammonium Hydrogen Sulphate (Reag. USP) PA	49	9005-65-6	Polysorbate 80 (E-433) ADITIO	319
7784-46-5	Sodium meta-Arsenite PA	365	8000-27-9	Ammonium Hydrogen Sulphate PRS	49	9005-65-6	Polysorbate 80 PS	319
7784-46-5	Sodium meta-Arsenite PRS	366	8000-27-9	Cedar Wood Oil DC	113	9005-65-6	Tween® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
7784-46-5	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366	8001-54-5	Immersion Oil purified DC	226	9005-65-6	Tween® 80 (E-433) ADITIO	462
7787-32-8	Barium Fluoride PRS	64	8001-54-5	Alkylbenzylidimethylammonium Chloride (USP-NF) CODEX	33	9005-65-6	Tween® 80 (E-433) ADITIO	462
7787-70-4	Copper(II) Bromide PRS	129	8001-54-5	Alkylbenzylidimethylammonium Chloride, 98% PS	33	9005-65-6	Tween® 80 PS	462
7788-98-9	Ammonium Chromate PA	46	8001-54-5	Alkylbenzylidimethylammonium Chloride QP	33	9005-66-7	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
7788-98-9	Ammonium Chromate PRS	46	8001-79-4	Immersion Oil DC	225	9005-66-7	Polysorbate 40 (E-434) ADITIO	319
7788-99-0	Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	123	8001-79-4	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113	9005-67-8	Polysorbate 40 PS	319
7788-99-0	Chromium(III) Potassium Sulphate 12-hydrate PRS	123	8002-74-2	Paraffin M.P. -42-44°C pieces QP	296	9005-67-8	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
			8002-74-2	Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296	9005-70-3	Polysorbate 85 PS	320
			8002-74-2	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297	9005-71-4	Polysorbate 65 (E-436) ADITIO	319
			8002-74-2	Paraffin M.P. 51-53°C pellets DC	297	9005-71-4	Polysorbate 65 PS	319
			8002-74-2	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297	9005-84-9	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
			8002-74-2	Paraffin M.P. 56-58°C plasticized pellets DC	297	9005-84-9	Starch solution 1% RV	426
			8002-74-2	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297	9005-84-9	Starch solution 1% VINIKIT	426
			8002-74-2	Paraplast X-Tra®Paraffin M.P. 52°C pellets	297	9080-17-5	Ammonium Polysulphide solution 25% w/w PRS	53
						10022-31-8	Barium Nitrate PA-ACS	64
						10022-31-8	Barium Nitrate PRS	65
						10022-68-1	Cadmium Nitrate 4-hydrate PA	100

10022-68-1	Cadmium Nitrate 4-hydrate PRS	100
10025-69-1	Tin(II) Chloride 2-hydrate (max. 0,00005% Hg) PA-ACS	444
10025-69-1	Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS	444
10025-69-1	Tin(II) Chloride 2-hydrate PRS	445
10025-69-1	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445
10025-69-1	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
10025-70-4	Strontium Chloride 6-hydrate PRS	427
10025-77-1	Iron(III) Chloride 6-hydrate PRS	230
10025-84-0	Lanthanum(III) Chloride 7-hydrate PA-ACS	241
10025-84-0	Lanthanum(III) Chloride 7-hydrate PA	242
10025-87-3	Phosphoryl Chloride, 99% PS	315
10025-91-9	Antimony(III) Chloride, 98% PS	57
10026-22-9	Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	126
10026-22-9	Cobalt(II) Nitrate 6-hydrate PRS	126
10026-24-1	Cobalt(II) Sulphate 7-hydrate PA	127
10026-24-1	Cobalt(II) Sulphate 7-hydrate PRS	127
10028-21-4	Iron(II) Sulphate ~2-hydrate PA	231
10028-22-5	Iron(III) Sulphate x-hydrate ~75% PA	232
10028-22-5	Iron(III) Sulphate x-hydrate ~75% PRS	232
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate PA	380
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381
10028-24-7	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381
10031-43-3	Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.) PA-ACS	130
10031-43-3	Copper(II) Nitrate 3-hydrate PRS	130
10034-82-9	Sodium Chromate 4-hydrate PRS	373
10034-85-2	Hydroiodic Acid 57% PA-ACS	212
10034-85-2	Hydroiodic Acid 57% PRS	212
10034-88-5	Sodium Hydrogen Sulphate 1-hydrate PRS	383
10034-93-2	Hydrazinium Sulphate PA-ACS	211
10034-96-5	Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	258
10034-96-5	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258
10034-96-5	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259
10034-99-8	Magnesium Sulphate 7-hydrate PA-ACS	254
10034-99-8	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254
10034-99-8	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254
10035-04-8	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103
10035-04-8	Calcium Chloride 2-hydrate powder PA-ACS	103
10035-04-8	Calcium Chloride 2-hydrate powder PRS	103
10035-04-8	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
10035-04-8	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104
10035-04-8	Calcium Chloride solution 45% w/w (as CaCl ₂ ·2H ₂ O) (E-509, F.C.C.) ADITIO	104
10035-06-0	Bismuth(III) Nitrate 5-hydrate PA-ACS	75
10035-06-0	Bismuth(III) Nitrate 5-hydrate PRS	75
10035-10-6	Hydrobromic Acid 48% PA-ACS-ISO	212
10035-10-6	Hydrobromic Acid 48% PRS	212
10039-26-6	Lactose 1-hydrate (Reag. USP) PA-ACS	241
10039-26-6	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241
10039-26-6	Lactose 1-hydrate (F.C.C.) ADITIO	241
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO	381
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381
10039-32-4	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381
10039-54-0	Hydroxylammonium Sulphate PA	224
10039-54-0	Hydroxylammonium Sulphate, 99% PS	224
10039-56-2	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396
10042-76-9	Strontium Nitrate PA-ACS	428
10042-76-9	Strontium Nitrate PRS	428
10043-35-3	Boric Acid PA-ACS-ISO	77
10043-35-3	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77
10043-35-3	Boric Acid solution 3% RV	77
10043-35-3	Boric Acid solution 4% RV	77
10043-35-3	Boric Acid in tablets PA	77
10043-35-3	Boron standard solution B=1,000±0,002 g/l ICP	409
10043-52-4	Calcium Chloride anhydrous QP	103
10043-67-1	Aluminium Potassium Sulphate dry, powder QP	36
10045-86-0	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	231
10045-94-0	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
10045-94-0	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262
10045-94-0	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262
10045-94-0	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262
10048-95-0	di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS	378
10048-95-0	di-Sodium Hydrogen Arsenate 7-hydrate PRS	379
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	382
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382
10049-21-5	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382
10060-12-5	Chromium(III) Chloride 6-hydrate PRS	122
10060-13-6	Ammonium Copper(II) Chloride 2-hydrate PRS	46
10075-50-0	5-Bromoindole, 99% PS	84
10099-74-8	Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS	244
10099-74-8	Lead(II) Nitrate PRS	244
10101-41-4	Calcium Sulphate 2-hydrate PA-ACS	108
10101-41-4	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
10101-41-4	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108
10101-89-0	tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	395
10101-89-0	tri-Sodium Phosphate 12-hydrate PRS	395
10101-89-0	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395
10101-97-0	Nickel(II) Sulphate 6-hydrate PA-ACS	284
10101-97-0	Nickel(II) Sulphate 6-hydrate PRS	284
10102-17-7	Sodium Thiosulphate 5-hydrate PA-ACS	401
10102-17-7	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402
10102-17-7	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402
10102-17-7	Sodium Thiosulphate 0,1 mol (24,818g Na ₂ S ₂ O ₅ ·5H ₂ O) to prepare 1l of 0,1N solution SVc	402
10102-18-8	Sodium Selenite anhydrous PRS	397
10102-18-8	Sodium Selenite anhydrous (BP) CODEX	397
10102-25-7	Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	249
10102-25-7	Lithium Sulphate 1-hydrate PRS	249
10102-40-6	Sodium Molybdate 2-hydrate (Reag. Ph. Eur.) PA-ACS	391
10102-40-6	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391
10108-64-2	Cadmium Chloride 2,5-hydrate PA-ACS	99
10108-64-2	Cadmium Chloride 2,5-hydrate PRS	99
10114-58-6	Bismarck Brown Y (C.I. 21000) DC	74
10125-13-0	Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	129
10125-13-0	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
10127-02-3	Acridine Orange (C.I. 46005) DC	29
10138-04-2	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51
10191-41-0	DL-α-Tocopherol (E-307, F.C.C.) ADITIO	446
10196-04-0	Ammonium Sulphite 1-hydrate QP	54
10196-18-6	Zinc Nitrate 6-hydrate PA	474
10196-18-6	Zinc Nitrate 6-hydrate PRS	474
10213-10-2	Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS	402
10213-10-2	Sodium Tungstate 2-hydrate PRS	403
10217-52-4	Hydrazinium Hydroxide 80% PA	211
10217-52-4	Hydrazinium Hydroxide 80% PS	211
10233-87-1	tri-Magnesium di-Phosphate 5-hydrate PRS	253
10233-87-1	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254
10277-43-7	Lanthanum(III) Nitrate 6-hydrate PA	242
10294-26-5	Silver Sulphate PA-ACS	363
10294-26-5	Silver Sulphate PRS	363
10294-40-3	Barium Chromate (C.I. 77103) PA	64
10294-40-3	Barium Chromate (C.I. 77103) PRS	64
10294-42-5	Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA	114
10294-42-5	Cerium(IV) Sulphate 4-hydrate PRS	114
10294-42-5	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114
10294-42-5	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114
10294-66-3	Potassium Thiosulphate x-hydrate PRS	345
10310-21-1	2-Amino-6-Chloropurine, 99% PS	38
10326-27-9	Barium Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	63
10326-27-9	Barium Chloride 2-hydrate PRS	63
10361-29-2	Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS	45
10361-29-2	Ammonium Carbonate (USP-NF) PRS-CODEX	45
10361-29-2	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45
10361-37-2	Barium Chloride solution 10% w/v RE	63
10361-37-2	Barium Chloride 0,1 mol/l (0,1M) SV	64
10361-46-3	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
10378-47-9	Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	45
10378-47-9	Ammonium Cerium(IV) Sulphate 2-hydrate PRS	45
10416-59-8	N,O-Bis (Trimethylsilyl) Acetamide CG	75
10450-60-9	Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS	304
10450-60-9	Periodic Acid PA	304
10450-60-9	Periodic Acid PRS	304
10450-60-9	Periodic Acid, 99% PS	304
10486-00-7	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394
10538-51-9	2,5-Dimethoxycinnamic Acid, 99% PS	155
10555-76-7	Sodium meta-Borate 4-hydrate PRS	367
12001-68-2	Potassium Boron Tartrate PRS	321
12003-78-0	Nickel-Aluminium alloy according to Raney PS	283
12007-60-2	di-Lithium tetra-Borate PA	247
12013-21-7	Magnesium Molybdate 5-hydrate PRS	253
12027-06-4	Ammonium Iodide PA-ACS	49
12027-67-7	Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
12027-67-7	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
12055-62-8	Holmium(III) Oxide (Reag. Ph. Eur.) PA	210
12067-99-1	Phosphotungstic Acid hydrate PA	315
12068-85-8	Iron Sulphide natural powder PRS	232
12069-69-1	Copper(II) Hydroxide Carbonate PA	130
12069-69-1	Copper(II) Hydroxide Carbonate PRS	130
12124-97-9	Ammonium Bromide PA-ACS	44
12124-97-9	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
12125-01-8	Ammonium Fluoride PA-ACS	47
12125-01-8	Ammonium Fluoride PRS	47
12125-02-9	Ammonium Chloride PA-ACS-ISO	46
12125-02-9	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
12125-02-9	Ammonium Chloride (F.C.C.) ADITIO	46
12135-76-1	Ammonium Sulphide solution 20% w/w PRS	54
12135-76-1	Ammonium Sulphide solution 10% w/v PRS	54
12209-98-2	Sodium Stannate 3-hydrate PRS	398
12230-71-6	Baryta Water saturated solution RE	65
12230-71-6	Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	64
12230-71-6	Barium Hydroxide 8-hydrate PRS	64
12232-99-4	Sodium Bismuthate (Reag. Ph. Eur.) PA	367
12602-23-2	Cobalt(II) Hydroxide Carbonate ~50% Co PRS	126
13011-54-6	Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA	53
13139-14-5	N-α-Boc-L-Tryptophan, 98% PS	76
13139-15-6	N-Boc-L-Leucine 1-hydrate, 98% PS	76
13139-16-7	N-Boc-L-Isoleucine 1/2-hydrate, 98% PS	76
13139-17-8	N-(Benzyloxycarbonyloxy) Succinimide, 98% PS	73
13154-24-0	Chlorotrisopropylsilane, 97% PS	121
13235-36-4	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178
13446-18-9	Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	253
13446-18-9	Magnesium Nitrate 6-hydrate PRS	253
13446-34-9	Manganese(II) Chloride 4-hydrate PA-ACS	257
13446-34-9	Manganese(II) Chloride 4-hydrate PRS	257
13446-34-9	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
13446-34-9	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257
13446-53-2	Magnesium Bromide 6-hydrate PA	251
13453-69-5	Lithium meta-Borate anhydrous PA	247
13453-78-6	Lithium Perchlorate 3-hydrate PA	249
13454-96-1	Platinum(IV) Chloride anhydrous, 98% PS	317
13455-24-8	Potassium Hydrogen Diiodate EQP-ACS	330
13455-24-8	Potassium Hydrogen Diiodate PRS	330
13463-67-7	Titanium(V) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446
13463-67-7	Titanium(V) Oxide (E-171, F.C.C.) ADITIO	446
13463-67-7	Titanium(V) Oxide QP	446
13464-82-9	Indium(III) Sulphate anhydrous PRS	226
13464-92-1	Cadmium Bromide 4-hydrate PRS	99
13465-95-7	Barium Perchlorate anhydrous PRS	65
13465-95-7	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate PA	382
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382
13472-35-0	Sodium di-Hydrogen Phosphate 2-hydrate (E-339j, F.C.C.) ADITIO	383
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate PA	396
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate PRS	397
13472-36-1	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397
13477-34-4	Calcium Nitrate 4-hydrate PA-ACS	106
13477-34-4	Calcium Nitrate 4-hydrate PRS	107
13478-00-7	Nickel(II) Nitrate 6-hydrate PA	283
13478-00-7	Nickel(II) Nitrate 6-hydrate PRS	283
13478-10-9	Iron(II) Chloride 4-hydrate PRS	230
13517-06-1	Sodium Iodide 2-hydrate PA	390
13517-06-1	Sodium Iodide 2-hydrate PRS	390
13520-83-7	Uranyl Nitrate 6-hydrate PA-ACS	463
13573-16-5	Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS	355
13598-36-2	Phosphorous Acid PRS	314
13598-65-7	Rhenium standard solution Re=1,000±0,002 g/l ICP	415
13598-65-7	Rhenium standard solution Re=10,00±0,02 g/l ICP	415
13600-98-1	Sodium Hexanitrocobaltate(III) PA-ACS	378

13726-67-5	N-Boc-L-Aspartic Acid, 98% PS	76	18497-13-7	Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS	204	30525-89-4	Paraformaldehyde tablets ~1g QP	298
13734-34-4	N-Boc-L-Phenylalanine, 98% PS	76	18497-13-7	Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA	204	32085-88-4	3,5-Difluorobenzaldehyde, 98% PS	153
13734-41-3	N-Boc-L-Valine, 98% PS	77	18996-35-5	Sodium di-Hydrogen Citrate PA	380	32175-00-1	trans-4-Methylcyclohexyl Isocyanate, 98% PS	271
13746-66-2	Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS	329	18996-35-5	Sodium di-Hydrogen Citrate PRS	380	32266-60-7	Azomethine H (Reag. Ph. Eur.) PA	62
13746-66-2	Potassium Hexacyanoferrate(III) PRS	329	19381-50-1	Naphthol Green B (C.I. 10020) PA-ACS	281	32315-10-8	Triphosgene, 98% PS	459
13746-66-2	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330	19641-63-5	(R)-2-Aminosuberlic Acid	492	32503-27-8	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438
13755-38-9	Sodium Pentacyanonitrosferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS	393	20439-47-8	(1R,2R)-Diaminocyclohexane, $\leq 0,1\%$ cis, ee $\geq 99,8\%$	492	32503-27-8	Tetrabutylammonium Hydrogen Sulphate, 98% PS	438
13755-38-9	Sodium Pentacyanonitrosferrate(III) 2-hydrate PA	393	20439-47-8	(1R,2R)-Diaminocyclohexane, $\leq 0,5\%$ cis, ee $\geq 99\%$	493	32862-97-8	3-Bromocinnamic Acid, 98% PS	82
13775-80-9	Hydrazinium mono-Bromide, 99% PS	210	20439-47-8	(1R,2R)-Diaminocyclohexane, $\leq 2\%$ cis, ee $\geq 96\%$	493	33100-27-5	Crown Ether/15-Crown-5, 98% PS	133
13811-71-7	Diethyl D(-)-Tartrate, 99% PS	152	20624-25-3	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375	33483-65-7	trans-4-Methylcyclohexylammonium Chloride, 98% PS	271
13940-38-0	Sodium para-Periodate PA	394	20667-12-3	Silver(I) Oxide PRS	363	33685-54-0	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
14199-15-6	Methyl 4-Hydroxyphenylacetate, 98% PS	272	20694-39-7	Manganese(II) Nitrate 4-hydrate PA	258	33725-74-5	Tetrabutylammonium Borohydride, 97% PS	438
14221-47-7	Ammonium Iron(III) Oxalate 3-hydrate PRS	50	20694-39-7	Manganese(II) Nitrate 4-hydrate PRS	258	33864-99-2	Alcian Blue 8 GX (C.I. 74240) DC	32
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	329	20816-12-0	Osmium(VIII) Oxide PA-ACS	294	34036-07-2	3,4-Difluorobenzaldehyde, 98% PS	153
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate PRS	329	20816-12-0	Osmium(VIII) Oxide solution 4% DC	294	34281-92-0	(1S, 2R)-2-Phenyl-1-Cyclohexanol	493
14459-95-1	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329	21368-68-3	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109	34487-61-1	Phenol Red Sodium Salt PA-ACS	310
14459-95-1	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329	21368-68-3	DL-Camphor synthetic (USP) PRS-CODEX	109	34962-29-3	Iron(II) Ethylenediammonium Sulphate 4-hydrate PA	230
14459-95-1	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329	21368-68-3	DL-Camphor, 95% synthetic PS	109	35661-39-3	N-Fmoc-L-Alanine, 98% PS	188
14634-91-4	Ferroun solution 0,025 mol/l (0,025M) RV	183	21436-03-3	(1S,2S)-Diaminocyclohexane, $\leq 0,1\%$ cis, ee $\geq 99,8\%$	493	35661-40-6	N-Fmoc-L-Phenylalanine, 98% PS	189
14807-96-6	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436	21436-03-3	(1S,2S)-Diaminocyclohexane, $\leq 0,5\%$ cis, ee $\geq 99\%$	493	35661-60-0	N-Fmoc-L-Leucine, 98% PS	188
14807-96-6	Talc washed (E-553b, F.C.C.) ADITIO	436	21436-03-3	(1S,2S)-Diaminocyclohexane, $\leq 2\%$ cis, ee $\geq 96\%$	493	35737-15-6	N- α -Fmoc-L-Tryptophan, 98% PS	189
14808-60-7	Sea Sand washed, thin grain QP	359	21645-51-2	Aluminium Hydroxide PRS	35	36653-82-4	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
14808-60-7	Sea Sand washed, thick grain QP	359	21908-53-2	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263	36653-82-4	Cetyl Alcohol, 97% PS	115
14866-33-2	Tetraoctylammonium Bromide, 98% PS	442	21908-53-2	Mercury(II) Oxide yellow PRS	263	37247-10-2	Azur II (C.I. 52010+52015) DC	62
15191-80-7	Copper(II) Pyrophosphate x-hydrate QP	131	21908-53-2	Mercury(II) Oxide red PRS	263	37267-86-0	meta-Phosphoric Acid stabilized with NaPO ₃ (Reag. Ph. Eur.) PA-ACS	314
15244-38-9	Chromium(III) Sulphate x-hydrate PRS	123	22767-49-3	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301	39236-46-9	Imidazolidinyl Urea, 26-28% (in N) PS	225
15656-28-7	Bis (Pyridine) Iodonium Tetrafluoroborate PS	75	22767-50-6	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204	39365-87-2	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
15708-48-2	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177	22838-58-0	N-Boc-D-Valine, 98% PS	77	39409-82-0	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252
15761-38-3	N-Boc-L-Alanine, 98% PS	76	23616-79-7	Benzyltributylammonium Chloride, 99% PS	73	39409-82-0	Magnesium Hydroxide Carbonate 5-hydrate QP	253
15761-39-4	N-Boc-L-Proline, 98% PS	76	23647-14-5	SPADNS PA	405	39430-27-8	Nickel(II) Hydroxide Carbonate x-hydrate PRS	283
16029-98-4	Iodotrimethylsilane, 98% PS	229	23647-14-5	SPADNS PS	405	39665-12-8	L-Lysine 1-hydrate, 98% PS	249
16045-88-8	Boron Trifluoride 14% in methanol PS	78	24057-28-1	Pyridinium 4-Toluenesulphonate, 99% PS	353	41253-21-8	1,2,4-Triazole Sodium Salt, 95% PS	449
16091-26-2	3'-Aminobenzonitrile, 99% PS	37	24324-17-2	9-Fluorenylmethanol, 99% PS	184	41931-18-4	4-Bromophenylhydrazinium Chloride, 96% PS	86
16423-68-0	Erythrosin B (C.I. 45430) DC	169	24424-99-5	Di-tert-Butyl Dicarbonate, 98% PS	141	49763-65-7	4-Pentylbenzoyl Chloride, 98% PS	301
16574-43-9	Bromopyrogallol Red PA	86	24589-78-4	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277	50663-21-3	4-Bromocinnamic Acid, 99% PS	82
16593-81-0	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353	24589-78-4	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS	277	50813-16-6	Sodium Polyphosphate PRS	396
16674-78-5	Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS	250	24596-19-8	4-Bromo-2,6-Dimethylaniline, 98% PS	83	50813-16-6	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396
16674-78-5	Magnesium Acetate 4-hydrate PRS	251	24634-61-5	Potassium Sorbate PA	343	51429-74-4	Phosphomolybdic Acid x-hydrate PA-ACS	313
16674-78-5	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251	24634-61-5	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343	51811-82-6	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
16731-55-8	Potassium Disulphite PA	328	24634-61-5	Potassium Sorbate (E-202, F.C.C.) ADITIO	343	54827-17-7	3,3',5',5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA	441
16731-55-8	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328	24964-64-5	3-Cyanobenzaldehyde, 98% PS	134	56961-77-4	3-Bromo-1,2-Dichlorobenzene, 98% PS	83
16731-55-8	Potassium Disulphite (E-224, F.C.C.) ADITIO	328	25102-12-9	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177	57414-02-5	Menadienol Sodium Disulphite 3-hydrate, 95% PS	260
16774-21-3	Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.) PA-ACS	45	25322-68-3	Polyethylene Glycol 200 PS	317	57526-28-0	2-Methylbutyl Chloride, 99% PS	270
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate PA	331	25322-68-3	Polyethylene Glycol 300 PS	317	57848-46-1	4-Bromo-2-Fluorobenzaldehyde, 96% PS	83
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate PRS	332	25322-68-3	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317	58313-23-8	Ethyl 3-Iodobenzoate, 99% stabilized with copper PS	181
16788-57-1	di-Potassium Hydrogen Phosphate 3-hydrate (E-340iii, F.C.C.) ADITIO	332	25322-68-3	Polyethylene Glycol 400 PS	317	58464-45-2	Morpholinium Iodide, 99% PS	280
16853-85-3	Lithium Aluminium Hydride, 95% in Argon atmosphere PS	246	25322-68-3	Polyethylene Glycol 600 PS	317	58632-95-4	Boc-ON, 98% PS	76
16853-85-3	Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS	247	25322-68-3	Polyethylene Glycol 1500 PS	318	61072-56-8	4-Chloro-2-Fluorobenzaldehyde, 99% PS	120
16872-11-0	Tetrafluoroboric Acid 35% PA	440	25322-68-3	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318	61790-53-2	Celite Hyflo Super Cel @ RE	113
16893-85-9	Sodium Hexafluorosilicate QP	378	25322-68-3	Polyethylene Glycol 4000 flakes PS	318	62625-22-2	Zincn PA	474
16921-30-5	Potassium Hexachloroplatinat(IV) (Reag. USP) PA	329	25322-68-3	Polyethylene Glycol 6000 flakes PS	318	62625-30-3	Bromocresol Purple Sodium Salt PA	82
16940-66-2	Sodium Borohydride (Reag. USP) PA	368	25322-68-3	Polyethylene Glycol 6000 powder PS	318	62637-91-6	3',3'',5'',5''-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438
16940-66-2	Sodium Borohydride, 96% PS	368	25561-30-2	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75	62758-13-8	Resazurin PA	355
16961-25-4	Tetrachloroauric Acid(III) 3-hydrate PA-ACS	439	25620-78-4	Pararosaniline base (C.I. 42500) DC	298	62758-13-8	Resazurin DC	355
17084-13-8	Potassium Hexafluorophosphate QP	330	26266-57-9	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404	62961-64-2	Diisopropyl D(-)-Tartrate, 98% PS	155
17194-82-0	4-Hydroxyphenylacetamide, 99% PS	224	26266-57-9	Sorbitan Monopalmitate PS	404	64010-42-0	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253
17287-03-5	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459	26266-58-0	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404	64742-49-0	Petroleum Ether 25-40°C PRS	304
17372-87-1	Eosin Yellowish (C.I. 45380) PA-ACS	168	26266-58-0	Sorbitan Trioleate PS	404	64742-49-0	Petroleum Ether 30-40°C PRS	305
17372-87-1	Eosin Yellowish (C.I. 45380) DC	168	26412-87-3	Sulphur Trioxide-Pyridine (Complex) PS	431	64742-49-0	Petroleum Ether 30-50°C PRS	305
17375-41-6	Iron(II) Sulphate ~1-hydrate QP	231	26628-22-8	Sodium Azide (Reag. USP, Ph. Eur.) PA	366	64742-49-0	Petroleum Ether 30-60°C PRS	305
17455-13-9	Crown Ether/18-Crown-6, 98% PS	133	26628-22-8	Sodium Azide, 99% PS	366	64742-49-0	Petroleum Ether 40-60°C (JV) PAI	305
1759-53-10	Cyclopropanecarboxylic Acid, 98% PS	143	26658-19-5	Sorbitan Tristearate PS	405	64742-49-0	Petroleum Ether 40-60°C (PAR) PAI	305
17687-37-5	Urea Nitrate moistened with ~20% of H ₂ O PRS	464	27176-10-9	tri-Potassium Phosphate 1,5-hydrate PRS	342	64742-49-0	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305
17791-52-5	N- α -Boc-L-Histidine, 98% PS	76	27176-10-9	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342	64742-49-0	Petroleum Ether 40-60°C PA-ACS-ISO	305
17849-38-6	2-Chlorobenzyl Alcohol, 99% PS	118	28048-33-1	3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4',4''-Disulphonic Acid Disodium Salt PA	353	64742-49-0	Petroleum Ether 40-60°C PA	306
18016-24-5	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105	28300-74-5	Potassium Antimony(III) Tartrate 3-hydrate PA-ACS	320	64742-49-0	Petroleum Ether 40-60°C PRS	306
18156-74-6	N-(Trimethylsilyl) Imidazole CG	458	28300-74-5	Potassium Antimony(III) Tartrate 3-hydrate PRS	320	64742-49-0	Petroleum Ether 40-60°C PS	306
18156-74-6	N-(Trimethylsilyl) Imidazole, 98% PS	459	28631-66-5	Aniline Blue WS (C.I. 42755) DC	56	64742-49-0	Petroleum Ether 50-70°C PA	306
18162-48-6	tert-Butyldimethylchlorosilane, 98% PS	96	29022-11-5	N-Fmoc-Glycine, 98% PS	188	64742-49-0	Petroleum Ether 50-70°C PRS	306
18282-10-5	Tin(IV) Oxide PRS	445	30525-89-4	Paraformaldehyde (DAC) PRS-CODEX	297	64742-49-0	Petroleum Ether 60-80°C PA	306
18282-59-2	4-Bromo-1,2-Dichlorobenzene, 98% PS	83	30525-89-4	Paraformaldehyde, 95% PS	297	64742-49-0	Petroleum Ether 60-80°C PRS	307
18472-87-2	Phloxine B (C.I. 45410) DC	313				64742-49-0	Petroleum Ether 65-95°C PA	307
						64742-49-0	Petroleum Ether 65-95°C PRS	307
						64742-49-0	Petroleum Ether 100-120°C PA	307
						64742-49-0	Petroleum Ether 190-250°C-Kerosene for analysis PA	307
						64742-49-0	Petroleum Ether 190-250°C QP	307
						64742-49-0	Isohexane (UV-IR-HPLC) PAI	234

64742-49-0	Isohexane PA	234
64742-49-0	Isohexane, 95% PS	235
65501-24-8	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	177
65635-85-0	Z-D-N-MeLeu-OH	494
65997-17-3	Glass Wool washed QP	196
66713-87-9	(S)-Boc-2-Aminosuberlic Acid	492
68858-20-8	N-Fmoc-L-Valine, 98% PS	189
69011-20-7	Cation Exchange Resin Strongly Acidic PA	113
69011-20-7	Ion Exchange Resin Strongly Acidic RE	229
71989-16-7	N- α -Fmoc-L-Asparagine, 98% PS	188
71989-20-3	N- α -Fmoc-L-Glutamine, 98% PS	188
71989-23-6	N-Fmoc-L-Isoleucine, 98% PS	188
71989-28-1	N-Fmoc-L-Methionine, 98% PS	189
71989-31-6	N-Fmoc-L-Proline, 98% PS	189
73724-45-5	N-Fmoc-L-Serine, 98% PS	189
73731-37-0	N-Fmoc-L-Threonine 1-hydrate, 98% PS	189
75006-64-3	Dimethylglyoxime di-Sodium Salt 8-hydrate PA	159
77771-02-9	3-Bromo-4-Fluorobenzaldehyde, 98% PS	83
79868-79-4	(R)-2-Amino-1,1,2-Triphenylethanol	492
81029-05-2	Brilliant Cresyl Blue (C.I. 51010) DC	78
82911-69-1	N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS	184
84194-36-5	2-Chloro-4-Fluorobenzaldehyde, 97% PS	120
85531-30-2	Pyrogallol Red PA	354
90622-57-4	Isoparaffin G PA	237
90622-57-4	Isoparaffin H (Substitute of Xylene) DC	237
91000-69-0	N- α -Fmoc-L-Arginine, 98% PS	188
91053-39-3	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361
91053-39-3	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361
91053-39-3	Siliceous Earth purified and calcined QP	361
92112-69-1	Hexane, alkanes mixture (HPLC) PAI	207
92112-69-1	Hexane, alkanes mixture (PAR) PAI	208
92112-69-1	Hexane, alkanes mixture PA	208
92112-69-1	Hexane, alkanes mixture PRS	208
92112-69-1	Hexane, 95% alkanes mixture PS	208
92954-90-0	N-Fmoc-L-Tyrosine, 98% PS	189
93777-26-5	5-Bromo-2-Fluorobenzaldehyde, 98% PS	83
95061-46-4	(R)-1,1,2-Triphenyl-1,2-Ethanediol	494
98919-68-7	(1R, 2S)-2-Phenyl-1-Cyclohexanol	493
108998-83-0	(S)-1,1,2-Triphenyl-1,2-Ethanediol	494
112926-00-8	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
112926-00-8	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
112926-00-8	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
112926-00-8	Silica Gel 60, *40-63 microns	360
112926-00-8	Silica Gel 60, 63-200 microns RE	360
119062-05-4	N-Fmoc-L-Aspartic Acid, 98% PS	188
123333-53-9	1-Hydroxybenzotriazole moistened with ~33% of H ₂ O PS	222
123333-66-4	Potassium Tellurite x-hydrate, 95,0% PS	344
125572-95-4	1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS	141
129704-13-8	(S)-2-Amino-1,1,2-Triphenylethanol	492
138495-42-8	1,1,1,2,3,4,4,5,5,5-Decafluoropentane, 99,5% PS	138
143768-86-9	(3aR*, 4R*, 7S*, 7aS*)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
157556-88-2	(S)-Triphenylloxirane	494
183849-26-5	(R)-Triphenylloxirane	494
213995-12-1	(R)-2-Piperidino-1,1,2-Triphenylethanol	493
218457-76-2	(S)-Fmoc-2-Aminosuberlic Acid	492
276869-41-1	Fmoc-L-2-Aminosuberlic Acid, 8-tert-Butyl Ester	492
287929-70-8	(R) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
287929-86-6	(S) tert-Butoxycarbonylamino-(2,4,6-Trimethylphenyl)-Acetic Acid	492
297746-05-5	(3aS, 4S, 7R, 7aR)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
297746-10-2	(3aR, 4R, 7S, 7aS)-3a, 4, 7, 7a-Tetrahydro-2-(Trimethylsilyl)-4,7-Methano-1H-Inden-1-one	494
417726-36-4	(2S)-3,6-Dihydro-2H-Pyridine-1,2-Dicarboxylic Acid 1-tert-Butyl Ester	493

Qualities - product code		
12 PA		
121004	Acetamide PA	18
121005	Acetanilide (Reag. USP) PA	18
121010	Sulphuric Acid 90-91% acc. to Gerber PA	433
121025	5,5-Diethylbarbituric Acid PA	149
121027	Tetrafluoroboric Acid 35% PA	440
121029	Formic Acid 85% PA	192
121033	Phosphotungstic Acid hydrate PA	315
121034	L(+)-Lactic Acid PA	240
121038	Nitric Acid fuming (Reag. Ph. Eur.) PA	285
121051	Rosolic Acid (C.I. 43800) PA	357
121076	Hydrogen Peroxide 30% w/v (100 vol.) PA	221
121079	3-Methyl-1-Butanol according to Gerber PA	270
121080	3,3',5,5'-Tetramethylbenzidine (Reag. Ph. Eur.) PA	441
121085	Ethanol 96% v/v PA	172
121086	Ethanol absolute PA	170
121092	Mercury(II) Thiocyanate (Reag. USP, Ph. Eur.) PA	263
121093	1-Nitroso-2-Naphthol (C.I. 10005) PA	291
121094	Alizarin (C.I. 58000) PA	32
121096	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
121100	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
121105	Alizarin Yellow GG (C.I. 14025) PA	33
121106	Alizarin Yellow R (C.I. 14030) PA	33
121107	Metanil Yellow (C.I. 13065) PA	264
121116	Ammonium Hydrogen Carbonate (Reag. Ph. Eur.) PA	47
121117	Ammonium Hydrogen Sulphate (Reag. USP) PA	49
121124	Ammonium Chromate PA	46
121128	Ammonia 20% (as NH ₃) PA	43
121129	Ammonia 25% (as NH ₃) (Reag. USP, Ph. Eur.) PA	41
121137	Ammonium Perchlorate PA	52
121140	Ammonium Sulphate PA	53
121146	di-Ammonium Tartrate PA	54
121151	Arsenic(III) Oxide (Reag. Ph. Eur.) PA	60
121153	Chromium(VI) Oxide (Reag. Ph. Eur.) PA	122
121157	Anilinium Chloride PA	56
121158	Antimony(III) Oxide PA	57
121170	Methylene Blue (C.I. 52015) PA	271
121181	Barium Carbonate PA	63
121187	Barium Chromate (C.I. 77103) PA	64
121191	Barium Sulphate PA	65
121203	Cadmium Acetate 2-hydrate (Reag. USP) PA	99
121207	Cadmium Nitrate 4-hydrate PA	100
121209	Cadmium Iodide PA	99
121211	Calcium Acetate x-hydrate PA	101
121212	Calcium Carbonate precipitated PA	102
121213	tri-Calcium di-Citrate 4-hydrate PA	104
121214	Calcium Chloride 6-hydrate PA	104
121225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PA	101
121226	Calcium Hydrogen Phosphate 2-hydrate PA	105
121227	Calcium Hydrogen Phosphate anhydrous PA	105
121233	Calcium Oxalate 1-hydrate PA	107
121237	Charcoal Activated powder PA	115
121246	Indigo Carmine (C.I. 73015) PA	226
121248	Cerium(IV) Sulphate 4-hydrate (Reag. USP, Ph. Eur.) PA	114
121251	Cinchonine (Reag. USP, Ph. Eur.) PA	123
121252	Trichloromethane stabilized with ethanol PA	453
121259	Cobalt(II) Sulphate 7-hydrate PA	127
121262	Copper(II) Hydroxide Carbonate PA	130
121269	Copper(II) Oxide PA	130
121272	Cochineal (C.I. 75470) PA	127
121275	Chromium(III) Nitrate 9-hydrate PA	122
121289	Diethylene Glycol (Reag. USP, Ph. Eur.) PA	149
121291	Dimedone PA	155
121292	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	165
121293	4-(Dimethylamino) Benzaldehyde PA	157
121294	N,N-Dimethylaniline PA	157
121315	Petroleum Ether 40-60°C PA	306
121316	Ethylene Glycol (Reag. USP, Ph. Eur.) PA	179
121317	Ethylene Glycol mono-Ethyl Ether (Reag. USP, Ph. Eur.) PA	179
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
121345	Heptane, alkanes mixture PA	203
121347	Hexane, alkanes mixture PA	208
121349	Hydrazinium Hydroxide 80% PA	211
121357	Iron(II) Oxalate 2-hydrate PA	231
121360	Iron(III) Sulphate x-hydrate ~75% PA	232
121371	Isatin (Reag. Ph. Eur.) PA	232
121372	Isoamyl Acetate PA	232
121373	Isobutyl Acetate (Reag. USP) PA	234
121374	Isopropyl Acetate PA	238
121407	Manganese(II) Acetate 4-hydrate PA	257
121428	Mercury(II) Iodide red PA	262
121441	Nickel(II) Acetate 4-hydrate PA	282

121443	Nickel(II) Chloride 6-hydrate PA	283
121444	Nickel(II) Nitrate 6-hydrate PA	283
121467	Lead(II) Hydroxideacetate PA	243
121470	Lead(II) Chloride PA	243
121471	Lead(II) Chromate PA	243
121476	Lead tetra-Oxide PA	244
121478	Lead(II) Sulphate PA	245
121479	Potassium Acetate PA	320
121480	Potassium Hydrogen Carbonate PA	330
121485	Potassium Hydrogen Sulphate PA	333
121486	Potassium Hydrogen Tartrate PA	333
121489	Potassium Bromide PA	322
121490	Potassium Carbonate PA	322
121492	tri-Potassium Citrate 1-hydrate PA	325
121497	Potassium Chromate PA	325
121509	Potassium di-Hydrogen Phosphate PA	332
121512	di-Potassium Hydrogen Phosphate anhydrous PA	331
121515	Potassium Hydroxide 85% pellets PA	334
121522	Potassium Disulphate PA	328
121525	Potassium Peroxodisulphate (Reag. Ph. Eur.) PA	342
121526	di-Potassium Oxalate 1-hydrate PA	340
121531	Potassium Sorbate PA	343
121534	Potassium Thiocyanate PA	345
121537	Potassium Tartrate 1/2-hydrate (Reag. Ph. Eur.) PA	344
121539	Potassium O-Ethylthiocarbonate PA	328
121542	Potassium Iodide PA-ISO	338
121546	Bromocresol Purple PA	82
121548	m-Cresol Purple PA	132
121556	Acetic Acid 80% PA	21
121591	Resazurin PA	355
121593	Sodium Hydroxide solution 40% w/v PA	386
121594	Dimethylglyoxime di-Sodium Salt 8-hydrate PA	159
121603	Resorcinol PA	356
121604	Rhodamine B (C.I. 45170) PA	356
121605	Alizarin Red S (C.I. 58005) PA	32
121609	Chlorophenol Red PA	121
121611	Congo Red (C.I. 22120) PA	128
121613	Cresol Red PA	132
121619	Neutral Red (C.I. 50040) PA	282
121636	Sodium meta-Arsenite PA	365
121637	Sodium Benzoate PA	366
121639	Sodium Bismuthate (Reag. Ph. Eur.) PA	367
121646	Sodium Bromide PA	368
121653	Sodium di-Hydrogen Citrate PA	380
121654	di-Sodium Hydrogen Citrate 1/2-hydrate (Reag. Ph. Eur.) PA	379
121656	tri-Sodium Citrate 5,5-hydrate PA	373
121659	Sodium Chloride PA	371
121660	ortho-Phosphoric Acid 50% PA	314
121662	Neocuproin PA	282
121664	Sodium Chromate PA	373
121667	Sodium 5,5-Diethylbarbiturate (Reag. USP, Ph. Eur.) PA	375
121672	Sodium para-Periodate PA	394
121674	di-Sodium Phenyl Phosphate 2-hydrate PA	395
121677	Sodium di-Hydrogen Phosphate 2-hydrate PA	382
121705	Sodium Pentacyanonitrosotriacetate(III) 2-hydrate PA	393
121708	Sodium Peroxide granulated PA	394
121710	tetra-Sodium Pyrophosphate 10-hydrate PA	396
121719	Sodium Tartrate 2-hydrate (Reag. Ph. Eur.) PA	400
121720	Sodium Tartrate anhydrous PA	400
121727	Ammonium Sodium Hydrogen Phosphate 4-hydrate (Reag. USP) PA	53
121728	Potassium Carbonate-Sodium Carbonate anhydrous PA	323
121737	Nitric Acid 53% PA	288
121738	Thymol (Reag. USP, Ph. Eur.) PA	444
121741	1,3-Diphenylthiourea PA	165
121744	o-Tolidine (Reag. USP, Ph. Eur.) PA	446
121747	Litmus soluble PA	249
121750	Triethanolamine PA	455
121784	Zinc Nitrate 6-hydrate PA	474
121788	Zinc Sulphate 1-hydrate PA	476
121793	Iron(II) Sulphate ~2-hydrate PA	231
121814	Orange II (C.I. 15510) PA	293
121828	Diphenylamine PA	164
121832	Fluorescein (C.I. 45350) PA	184
121859	Sodium Salicylate PA	397
121862	Potassium Ether 50-70°C PA	306
121869	Ethylenediamine PA	177
121871	Sodium Hydrogen Tartrate 1-hydrate (Reag. USP) PA	383
121879	Sodium Thiosulphate anhydrous PA	401
121880	2,4-Pentanedione (Reag. USP, Ph. Eur.) PA	300
121892	1,2-Dichlorobenzene (Reag. USP, Ph. Eur.) PA	143
121925	Hydroxylammonium Sulphate PA	224
121937	Di-n-Butyl Phthalate (Reag. USP, Ph. Eur.) PA	142
121947	Silver Iodide PA	362
121955	o-Tolidine PA	448
122006	n-Pentane (Reag. USP, Ph. Eur.) PA	299

122018	Sodium di-Hydrogen Phosphate anhydrous PA	382	123145	N,N-Dimethylacetamide (Reag. Ph. Eur.) PA	156	131031	Phosphomolybdic Acid x-hydrate PA-ACS	313
122021	2-Ethyl-1-Hexanol PA	181	123163	Sulphuric Acid 98% (UNE-EN 899) PA	432	131032	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
122031	4-Nitrophenol PA	291	123205	Lithium meta-Borate anhydrous PA	247	131035	Molybdic Acid (contains ammonium molybdate) PA-ACS	279
122032	Sodium Carbonate 1-hydrate PA	370	123224	Manganese(II) Nitrate 4-hydrate PA	258	131037	Nitric Acid 69% PA-ACS-ISO	286
122036	Amido Black 10B (C.I. 20470) (Reag. Ph. Eur.) PA	37	123226	Hydrindantine 2-hydrate PA	211	131041	Oxalic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	294
122049	L-Tryptophan PA	460	123246	Potassium Dichromate in tablets of 0,1g PA	328	131045	Salicylic Acid PA-ACS	358
122052	Sodium Succinate 6-hydrate PA	398	123314	Sodium Borohydride (Reag. USP) PA	368	131050	Pyrogallic Acid (Reag. Ph. Eur.) PA-ACS	354
122053	Calcein PA	101	123376	Disulphine Blue (C.I. 42045) PA	165	131054	Perchloric Acid 60% PA-ACS-ISO	303
122054	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115	123405	1-Pyrrolidinedithiocarboxylic Acid Ammonium Salt PA	354	131056	Sulphamic Acid (Reag. USP, Ph. Eur.) PA-ACS	429
122058	1,3-Dinitrobenzene (Reag. USP, Ph. Eur.) PA	162	123410	White Spirit PA	468	131057	Sulphanilic Acid (Reag. Ph. Eur.) PA-ACS	430
122062	n-Heptane PA	203	123501	Isopentane PA	237	131058	Sulphuric Acid 96% PA-ISO	432
122065	Indole PA	226	123542	Triethylamine (Reag. USP) PA	456	131064	Sulphurous Acid solution 6% PA-ACS	435
122089	Bathophenanthroline PA	66	123575	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108	131065	Tannic Acid PA-ACS	436
122090	Diacetylmonoxime PA	140	123577	1,5-Diphenylcarbazide PA	165	131066	L-(+)-Tartaric Acid PA-ACS	436
122099	Sodium Iodide 2-hydrate PA	390	123581	Azomethine H (Reag. Ph. Eur.) PA	62	131067	Trichloroacetic Acid (Reag. Ph. Eur.) PA-ACS	450
122234	o-Toluidine stabilized PA	449	123582	Iron(II) Ethylenediammonium Sulphate 4-hydrate PA	230	131074	Water PA-ACS	467
122295	Benzidine PA	68	123586	Potassium Hydroxide solution 40% w/w PA	335	131077	Hydrogen Peroxide 33% w/v (110 vol.) PA-ACS-ISO	220
122320	Periodic Acid PA	304	123596	Orange G (C.I. 16230) PA	293	131079	3-Methyl-1-Butanol (Reag. Ph. Eur.) PA-ACS	269
122325	2,4-Dinitrophenylhydrazine moistened with ~33% of H ₂ O (Reag. Ph. Eur.) PA	162	123605	3',3'',5',5''-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438	131081	Benzyl Alcohol PA-ACS	71
122328	Phenylhydrazinium Chloride PA	311	123647	Thorin 8-hydrate PA	443	131082	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92
122329	Glycerol 87% PA	199	123654	Tris (Hydroxymethyl) Aminomethane Hydrochloride PA	460	131085	Ethanol 96% v/v PA-ACS	172
122333	di-Potassium Hydrogen Phosphate 3-hydrate PA	331	123718	Ethyl Violet (C.I. 42600) PA	182	131086	Ethanol absolute PA-ACS-ISO	170
122338	Sodium Iodate PA	389	123851	2-Butanol (Reag. Ph. Eur.) PA	93	131089	Isobutanol (Reag. Ph. Eur.) PA-ACS	233
122353	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310	124253	Eriochromocyanine R (C.I. 43820) PA	168	131090	2-Propanol (Reag. Ph. Eur.) PA-ACS-ISO	349
122354	a-Benzoinoxime PA	70	124280	Nickel metal, balls (Reag. USP) PA	282	131091	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
122360	Magnesium Fluoride PA	252	124343	1-Chlorobutane (Reag. USP) PA	119	131099	Aluminium Nitrate 9-hydrate (Reag. Ph. Eur.) PA-ACS	35
122361	Magneson I PA	255	124453	3-(2-Pyridyl)-5,6-Diphenyl-1,2,4-Triazine-4', 4''-Disulphonic Acid Disodium Salt PA	353	131101	Aluminium Sulphate 18-hydrate PA-ACS	36
122365	Pyrocatechol (Reag. USP, Ph. Eur.) PA	354	124462	n-Pentane 95% PA	300	131102	Aluminium Ammonium Sulphate 12-hydrate PA-ACS	34
122366	Thiosemicarbazide PA	443	124468	Ethylene Glycol di-Methyl Ether PA	180	131103	Aluminium Potassium Sulphate 12-hydrate PA-ACS	36
122370	Arsenazo III (Reag. USP) PA	60	124537	Calcon (C.I. 15705) PA	108	131114	Ammonium Acetate (Reag. Ph. Eur.) PA-ACS	43
122376	Phenylhydrazine (Reag. USP) PA	311	124745	Diethylenetriaminepentaacetic Acid PA	150	131115	Ammonium Benzoate PA-ACS	44
122377	Piperidine (Reag. Ph. Eur.) PA	317	124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134	131118	Ammonium Bromide PA-ACS	44
122389	Fluorescein Sodium (C.I. 45350) PA	184	124809	Petroleum Ether 100-120°C PA	307	131119	Ammonium Carbonate (Reag. Ph. Eur.) PA-ACS	45
122397	Calcium Carbonate precipitated, low content of alkalis PA	102	124842	Carminic acid with calcium and aluminium (C.I. 75470) PA	113	131120	di-Ammonium Hydrogen Citrate (Reag. Ph. Eur.) PA-ACS	48
122433	Magnesium Bromide 6-hydrate PA	251	124850	Bromine Index AMCS solution PA	79	131121	Ammonium Chloride PA-ACS-ISO	46
122442	1-Chloro-2,4-Dinitrobenzene PA	119	124856	Mixture TBN PA	278	131125	Ammonium Dichromate moistened with 0,5 - 3,0% of H ₂ O PA-ACS	46
122443	2,4-Dinitrophenol moistened with ~33% of H ₂ O PA	162	124860	Mixture TAN PA	278	131126	Ammonium di-Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	49
122445	2-Chlorophenol PA	121	124886	Amaranth (C.I. 16185) (Reag. USP) PA	37	131127	di-Ammonium Hydrogen Phosphate (Reag. Ph. Eur.) PA-ACS	48
122448	Sulphuric Acid 25% PA	433	125027	Bromocresol Purple Sodium Salt PA	82	131130	Ammonia 30% (as NH ₃) PA-ACS	40
122470	Titan Yellow (C.I. 19540) PA	446	125261	Isohexane PA	234	131134	Ammonium Molybdate 4-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51
122507	di-Sodium Hydrogen Phosphate 2-hydrate PA	380	125273	Isoparaffin G PA	237	131136	di-Ammonium Oxalate 1-hydrate (Reag. Ph. Eur.) PA-ACS	52
122509	Cesium Chloride (Reag. Ph. Eur.) PA	114	125286	Petroleum Ether 190-250°C-Kerosene for analysis PA	307	131138	Ammonium Peroxodisulphate (Reag. Ph. Eur.) PA-ACS	52
122593	Bromochlorophenol Blue PA	81	125396	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA	310	131140	Ammonium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	53
122595	Hydrazinium di-Chloride (Reag. USP) PA	211	125397	Bromine Index AMPS solution PA	79	131143	Ammonium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	54
122619	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32	125415	Yellow Primary Solution (BP, Ph. Eur.) PA	472	131147	Acetic Anhydride (Reag. Ph. Eur.) PA-ACS-ISO	22
122638	Bromopyrogallol Red PA	86	125416	Red Primary Solution (BP, Ph. Eur.) PA	355	131154	di-Phosphorus penta-Oxide (Reag. Ph. Eur.) PA-ACS-ISO	315
122639	Pyrogallol Red PA	354	125417	Blue Primary Solution (BP, Ph. Eur.) PA	76	131155	Phthalic Anhydride PA-ACS	316
122643	Pyrocatechol Violet PA	354	125427	Cadmium metal, thick powder (Reag. Ph. Eur.) PA	98	131156	Aniline (Reag. Ph. Eur.) PA-ACS	56
122644	o-Cresolphthalein PA	132	125436	Cation Exchange Resin Strongly Acidic PA	113	131159	Potassium Antimony(III) Tartrate 3-hydrate PA-ACS	320
122645	2-Aminobenzoic Acid (Anthranilic Acid) (Reag. Ph. Eur.) PA	37	125491	Hexachloroplatinic(IV) Acid 6-hydrate solution 10% (3,8% Pt) PA	204	131165	Bromophenol Blue PA-ACS	86
122666	Sodium Hydroxide solution 32% w/v PA	386	125507	Potassium Hexachloroplatinate(IV) (Reag. USP) PA	329	131167	Bromothymol Blue PA-ACS	86
122667	Zincon PA	474	125535	Bromine Index AMDS solution PA	79	131173	Thymol Blue PA-ACS	444
122669	Lanthanum(III) Nitrate 6-hydrate PA	242	125565	Sodium Biphenyl, Reagent for organic halogens (Reag. USP) PA	367	131180	Barium Acetate PA-ACS	62
122701	Petroleum Ether 60-80°C PA	306	125574	Phenol-1,2-Dichlorobenzene 50:50 w/w PA	309	131181	Barium Carbonate (Reag. Ph. Eur.) PA-ACS	63
122702	Petroleum Ether 65-95°C PA	307	125596	Boric Acid in tablets PA	77	131182	Barium Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	63
122703	Acetic Acid 96% PA	21	125715	Amyl Alcohol according to NF V 04-210 PA	55	131188	Barium Hydroxide 8-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	64
122705	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242	125731	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244	131190	Barium Nitrate PA-ACS	64
122706	O-Methylhydroxylammonium Chloride PA	272	126069	Holmium(III) Oxide (Reag. Ph. Eur.) PA	210	131192	Benzene (Reag. Ph. Eur.) PA-ACS-ISO	67
122712	Sodium Azide (Reag. USP, Ph. Eur.) PA	366	126150	Micropowder Wax (Licowax C®) PA	278	131196	Bismuth(III) Nitrate 5-hydrate PA-ACS	75
122726	Copper(II) Sulphate anhydrous (Reag. USP) PA	131	126352	Amido Black 10B Solution for the determination of protein content in milk PA	37	131199	Bromine (Reag. Ph. Eur.) PA-ACS-ISO	79
122753	Nitroso R Salt PA	291	126946	Amyl Alcohol according to Van Gulik (ISO 3433:2008) PA	55	131202	n-Butyl Acetate (Reag. USP, Ph. Eur.) PA-ACS	95
122764	Semicarbazide Hydrochloride PA	359	12C071	SPADNS PA	405	131205	Cadmium Chloride 2,5-hydrate PA-ACS	99
122767	o-Xylene (Reag. USP, Ph. Eur.) PA	470	13 PA-ACS-ISO/PA-ACS/PA-ISO			131208	Cadmium Sulphate 8/3-hydrate PA-ACS	100
122768	m-Xylene (Reag. Ph. Eur.) PA	471	131007	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23	131231	Calcium Nitrate 4-hydrate PA-ACS	106
122769	p-Xylene (Reag. USP) PA	471	131008	Acetic Acid glacial (Reag. Ph. Eur.) PA-ACS-ISO	20	131232	Calcium Chloride 2-hydrate powder PA-ACS	103
122788	Lithium Perchlorate 3-hydrate PA	249	131013	L(+)-Ascorbic Acid PA-ACS	60	131235	Calcium Sulphate 2-hydrate PA-ACS	108
122823	Sulphanilamide (Reag. Ph. Eur.) PA	429	131014	Benzoic Acid PA-ACS	69	131244	Carbon Disulphide PA-ACS	110
122840	Benzidinium di-Chloride PA	69	131015	Boric Acid PA-ACS-ISO	77	131245	Carbon Tetrachloride (ACS VIII, Reag. Ph. Eur.) (E.U.) PA-ACS-ISO	111
122842	4-Bromoaniline (Reag. USP) PA	80	131017	Hydrobromic Acid 48% PA-ACS-ISO	212	131250	Cyclohexane (Reag. Ph. Eur.) PA-ACS-ISO	135
122844	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141	131018	Citric Acid 1-hydrate PA-ACS-ISO	124	131252	Trichloromethane stabilized with ethanol (Reag. Ph. Eur.) PA-ACS-ISO	453
122847	Glyoxal-Bis (2-Hydroxyani) (Reag. Ph. Eur.) PA	200	131020	Hydrochloric Acid 37% PA-ACS-ISO	214			
122848	Lanthanum(III) Chloride 7-hydrate PA	242	131024	Chromotropic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	123			
122849	Quinaldine Red PA	355	131026	Ethylenediaminetetraacetic Acid PA-ACS	177			
122855	1-Naphthol (Reag. USP, Ph. Eur.) PA	281	131028	Hydrofluoric Acid 48% PA-ACS-ISO	219			
122902	Lithium Bromide PA	247	131030	Formic Acid 98% PA-ACS	191			
122903	di-Lithium tetra-Borate PA	247						
122967	Sodium Hypochlorite solution (7±2% w/w as active chlorine) PA	389						
123052	di-Sodium tetra-Borate anhydrous PA	367						
123083	Benzethonium Chloride (Reag. Ph. Eur.) PA	68						
123101	Trichloromethane stabilized with ~50 ppm of amylene PA	452						
123137	Oxalic Acid Bis (Cyclohexylidene hydrazide) PA	295						

131254	Dichloromethane stabilized with amylene PA-ACS-ISO	146	131466	Lead(II) Acetate 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	242	131724	Sodium Tungstate 2-hydrate (Reag. Ph. Eur.) PA-ACS	402
131255	Cobalt(II) Acetate 4-hydrate (Reag. USP) PA-ACS	125	131467	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243	131726	Sodium Iodide PA-ACS	390
131257	Cobalt(II) Chloride 6-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	126	131469	Lead(II) Hydroxide Carbonate PA-ACS	244	131729	Potassium Sodium Tartrate 4-hydrate PA-ACS-ISO	343
131258	Cobalt(II) Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	126	131473	Lead(II) Nitrate (Reag. Ph. Eur.) PA-ACS	244	131739	Thymolphthalein PA-ACS	444
131261	Copper(II) Acetate 1-hydrate (Reag. Ph. Eur.) PA-ACS	128	131479	Potassium Acetate PA-ACS	320	131743	Thiourea (Reag. Ph. Eur.) PA-ACS	443
131264	Copper(II) Chloride 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	129	131481	Potassium Hydrogen Phthalate PA-ISO	333	131745	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447
131265	Copper(II) Chloride PA-ACS	129	131487	Potassium Bromate (Reag. Ph. Eur.) PA-ACS-ISO	321	131749	Trichloroethylene, stabilized with ethanol (Reag. Ph. Eur.) PA-ACS	451
131267	Copper(II) Nitrate 3-hydrate (Reag. Ph. Eur.) PA-ACS	130	131489	Potassium Bromide PA-ACS	322	131753	Uranyl Nitrate 6-hydrate PA-ACS	463
131270	Copper(II) Sulphate 5-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	131	131490	Potassium Carbonate (Reag. Ph. Eur.) PA-ACS-ISO	322	131754	Urea crystal PA-ACS	463
131284	Chromium(III) Potassium Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	123	131491	Potassium Cyanide (Reag. Ph. Eur.) PA-ACS-ISO	326	131759	Bromocresol Green PA-ACS	82
131286	1,2-Dichloroethane (Reag. Ph. Eur.) PA-ACS	144	131493	Potassium Chlorate (Reag. Ph. Eur.) PA-ACS	323	131762	Crystal Violet (C.I. 42555) PA-ACS	133
131287	Diethanolamine PA-ACS	148	131494	Potassium Chloride PA-ACS-ISO	324	131769	Xylene, mixture of isomers (Reag. Ph. Eur.) PA-ACS-ISO	469
131288	Diethylamine (Reag. USP, Ph. Eur.) PA-ACS	148	131497	Potassium Chromate (max. 0,02% Na) (Reag. Ph. Eur.) PA-ACS	325	131771	Iodine resublimed pearls PA-ACS	227
131293	4-(Dimethylamino) Benzaldehyde (Reag. Ph. Eur.) PA-ACS	156	131500	Potassium Dichromate PA-ACS-ISO	327	131775	Zinc Acetate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	473
131295	Dimethylglyoxime (Reag. Ph. Eur.) PA-ACS	159	131503	Potassium Hexacyanoferrate(III) (Reag. Ph. Eur.) PA-ACS	329	131779	Zinc Chloride PA-ACS	473
131296	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163	131505	Potassium Hexacyanoferrate(II) 3-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	329	131785	N,N-Dimethylformamide (Reag. Ph. Eur.) PA-ACS-ISO	158
131299	Eosin Yellowish (C.I. 45380) PA-ACS	168	131509	Potassium di-Hydrogen Phosphate PA-ACS	332	131786	Zinc Oxide PA-ACS	475
131303	Tin(II) Chloride 2-hydrate (Reag. Ph. Eur.) PA-ACS	444	131512	di-Potassium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	331	131787	Zinc Sulphate 7-hydrate PA-ACS	476
131310	Strontium Nitrate PA-ACS	428	131515	Potassium Hydroxide 85% pellets PA-ACS-ISO	334	131791	Dithizone (Reag. Ph. Eur.) PA-ACS	165
131314	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PA-ACS	154	131523	Potassium meta-Periodate (Reag. Ph. Eur.) PA-ACS	341	131798	4-Methylaminophenol Sulphate PA-ACS	268
131315	Petroleum Ether 40-60°C PA-ACS-ISO	305	131524	Potassium Nitrate without anticaking (Reag. Ph. Eur.) PA-ISO	338	131801	Silver Sulphate PA-ACS	363
131318	Ethyl Acetate (Reag. Ph. Eur.) PA-ACS-ISO	175	131526	di-Potassium Oxalate 1-hydrate PA-ACS	340	131808	Citric Acid anhydrous PA-ACS	124
131321	1,10-Phenanthroline 1-hydrate PA-ACS	308	131527	Potassium Permanganate PA-ACS	341	131810	Propionic Acid (Reag. Ph. Eur.) PA-ACS	350
131322	Phenol PA-ACS	308	131532	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344	131813	Ammonium Iodide PA-ACS	49
131325	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309	131534	Potassium Thiocyanate (Reag. Ph. Eur.) PA-ACS-ISO	344	131827	Cupferron (ACS IX) PA-ACS	133
131328	Formaldehyde 37-38% w/w stabilized with methanol PA-ACS	190	131540	Potassium Iodate (Reag. Ph. Eur.) PA-ACS	337	131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
131334	Furfural stabilized with ~0,1% of BHT (Reag. USP, Ph. Eur.) PA-ACS	194	131542	Potassium Iodide PA-ACS-ISO	337	131855	Potassium Nitrite PA-ACS	339
131335	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360	131615	Phenol Red PA-ACS	309	131856	Potassium Perchlorate PA-ACS	340
131339	Glycerol PA-ACS-ISO	198	131617	Methyl Red (C.I. 13020) PA-ACS	276	131877	1-Dodecanol (Reag. USP) PA-ACS	166
131340	Glycine (Reag. USP) PA-ACS	199	131621	Saccharose PA-ACS	357	131881	Acetonitrile (Reag. Ph. Eur.) PA-ACS	26
131341	D(+)-Glucose anhydrous PA-ACS	196	131632	Sodium Acetate 3-hydrate PA-ACS-ISO	365	131883	Succinic Acid (Reag. USP, Ph. Eur.) PA-ACS	428
131346	Hexamethylenetetramine (Reag. Ph. Eur.) PA-ACS	205	131633	Sodium Acetate anhydrous (Reag. Ph. Eur.) PA-ACS	364	131884	1-Pentanol (Reag. Ph. Eur.) PA-ACS	301
131350	Hydrazinium Sulphate PA-ACS	211	131635	di-Sodium Hydrogen Arsenate 7-hydrate (Reag. Ph. Eur.) PA-ACS	378	131885	1-Propanol (Reag. USP, Ph. Eur.) PA-ACS	347
131352	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225	131638	Sodium Hydrogen Carbonate PA-ACS-ISO	379	131890	Cyclohexanone PA-ACS	136
131362	Iron(II) Sulphate 7-hydrate PA-ACS	231	131644	di-Sodium tetra-Borate 10-hydrate PA-ACS-ISO	367	131897	Ethylene Glycol mono-Methyl Ether PA-ACS	180
131365	Ammonium Iron(III) Sulphate 12-hydrate (Reag. Ph. Eur.) PA-ACS-ISO	51	131646	Sodium Bromide (Reag. USP) PA-ACS	368	131903	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275
131368	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50	131647	Sodium Carbonate 10-hydrate PA-ISO	370	131914	Hydroxylammonium Chloride (Reag. Ph. Eur.) PA-ACS-ISO	223
131375	Lactose 1-hydrate (Reag. USP) PA-ACS	241	131648	Sodium Carbonate anhydrous (Reag. Ph. Eur.) PA-ACS-ISO	369	131924	Ethanolamine PA-ACS	174
131391	Lithium Carbonate (Reag. Ph. Eur.) PA-ACS	247	131652	Sodium Cyanide PA-ACS	374	131928	Lithium Hydroxide 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	248
131392	Lithium Chloride (Reag. USP, Ph. Eur.) PA-ACS	248	131655	tri-Sodium Citrate 2-hydrate PA-ACS	373	131940	Tris (Hydroxymethyl) Aminomethane PA-ACS	459
131393	Lithium Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	249	131658	Sodium Chlorate PA-ACS	371	131953	Chlorobenzene (Reag. USP) PA-ACS	117
131394	Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) PA-ACS	250	131659	Sodium Chloride PA-ACS-ISO	371	131954	Dimethyl Sulphoxide (Reag. Ph. Eur.) PA-ACS	161
131396	Magnesium Chloride 6-hydrate PA-ACS-ISO	251	131663	Sodium Hexanitrocobaltate(III) PA-ACS	378	131956	Formamide PA-ACS	191
131402	Magnesium Nitrate 6-hydrate (Reag. Ph. Eur.) PA-ACS	253	131666	Sodium Dichromate 2-hydrate (Reag. USP) PA-ACS	374	131965	Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	382
131404	Magnesium Sulphate 7-hydrate PA-ACS	254	131668	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375	131970	Nitromethane (Reag. USP, Ph. Eur.) PA-ACS	290
131410	Manganese(II) Chloride 4-hydrate PA-ACS	257	131669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178	132056	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
131413	Manganese(II) Sulphate 1-hydrate (Reag. Ph. Eur.) PA-ACS	258	131675	Sodium Fluoride PA-ACS-ISO	377	132063	n-Hexane (Reag. USP, Ph. Eur.) PA-ACS	206
131417	Mercury(II) Acetate (Reag. Ph. Eur.) PA-ACS	261	131676	Sodium Formate (Reag. Ph. Eur.) PA-ACS	377	132064	Isooctane (Reag. Ph. Eur.) PA-ACS	236
131418	Mercury(II) Bromide (Reag. Ph. Eur.) PA-ACS	261	131678	di-Sodium Hydrogen Phosphate 12-hydrate PA-ISO	381	132067	D(-)-Mannitol PA-ACS	259
131419	Mercury(II) Chloride PA-ACS	261	131679	di-Sodium Hydrogen Phosphate anhydrous (Reag. Ph. Eur.) PA-ACS	380	132071	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353
131421	Mercury metal tridistilled (Reag. Ph. Eur.) PA-ACS	260	131680	tri-Sodium Phosphate 12-hydrate (Reag. Ph. Eur.) PA-ACS	395	132096	Acetyl Chloride (Reag. USP, Ph. Eur.) PA-ACS	28
131423	Mercury(II) Nitrate 2-hydrate (ACS IX) PA-ACS	262	131687	Sodium Hydroxide pellets PA-ACS-ISO	384	132166	Mercury(II) Sulphate PA-ACS	263
131426	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263	131698	Sodium Disulphite PA-ACS	375	132175	Perchloric Acid 70% PA-ACS-ISO	303
131428	Mercury(II) Iodide red (Reag. Ph. Eur.) PA-ACS	262	131699	Sodium metal, sticks (Reag. Ph. Eur.) PA-ACS	364	132176	Hydrochloric Acid 32% PA-ISO	216
131429	Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) PA-ACS	94	131700	Sodium meta-Periodate (Reag. Ph. Eur.) PA-ACS	394	132213	Hydroiodic Acid 57% PA-ACS	212
131430	4-Methyl-2-Pentanone (Reag. Ph. Eur.) PA-ACS	274	131701	Sodium Molybdate 2-hydrate (Reag. Ph. Eur.) PA-ACS	391	132228	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
131431	Methyl Orange (C.I. 13025) PA-ACS	273	131702	Sodium Nitrate (Reag. Ph. Eur.) PA-ACS-ISO	392	132320	Periodic Acid (Reag. USP, Ph. Eur.) PA-ACS	304
131435	Morpholine (Reag. Ph. Eur.) PA-ACS	279	131703	Sodium Nitrite (Reag. Ph. Eur.) PA-ACS	392	132323	Chloramine T 3-hydrate (Reag. USP) PA-ACS	116
131436	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280	131705	Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) PA-ACS	393	132346	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
131439	Eriochrome Black T (C.I. 14645) PA-ACS	168	131706	di-Sodium Oxalate (Reag. USP, Ph. Eur.) PA-ACS	393	132351	Ammonium Fluoride PA-ACS	47
131445	Nickel(II) Sulphate 6-hydrate PA-ACS	284	131708	Sodium Peroxide granulated PA-ACS	394	132352	Ammonium meta-Vanadate (Reag. USP, Ph. Eur.) PA-ACS	55
131447	Nitrobenzene (Reag. Ph. Eur.) PA-ACS	289	131715	Sodium Sulphate 10-hydrate (Reag. USP) PA-ACS	399	132362	Ninhydrin PA-ACS	284
131457	Pyridine (Reag. Ph. Eur.) PA-ACS	352	131716	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398	132363	Sodium Dodecyl Sulphate PA-ACS	376
131459	Silver Nitrate PA-ACS-ISO	362	131717	Sodium Sulphite anhydrous PA-ACS	400	132371	2,2'-Bipyridine (Reag. USP) PA-ISO	73
			131718	Sodium Thiocyanate PA-ACS	401	132382	Silver Diethyldithiocarbamate (Reag. USP, Ph. Eur.) PA-ACS	362
			131721	Sodium Thiosulphate 5-hydrate PA-ACS	401	132397	Calcium Carbonate precipitated, low content of alkalis PA-ACS-ISO	102
						132440	Sodium tetra-Phenylborate (Reag. Ph. Eur.) PA-ACS	395
						132441	Anthrone (Reag. Ph. Eur.) PA-ACS	57
						132536	Imidazole (Reag. USP, Ph. Eur.) PA-ACS	225
						132617	Xylenol Orange Tetrasodium Salt PA-ACS	472
						132618	Methylthymol Blue Sodium Salt PA-ACS	277
						132637	Phthalein Purple PA-ACS	315
						132656	di-Sodium Hydrogen Phosphate 7-hydrate PA-ACS	381

132670	1-Amino-2-Naphthol-4-Sulphonic Acid (Reag. USP) PA-ACS	39
132720	Benzoyl Chloride (Reag. Ph. Eur.) PA-ACS	71
132748	Ammonium Cerium(IV) Sulphate 2-hydrate (Reag. USP, Ph. Eur.) PA-ACS	45
132750	Ammonium Sulphamate (Reag. Ph. Eur.) PA-ACS	53
132751	N-(1-Naphthyl) Ethylenediamine Dihydrochloride PA-ACS	281
132770	Diethyl Ether stabilized with ~6 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	151
132830	Gallic Acid 1-hydrate (Reag. USP, Ph. Eur.) PA-ACS	194
132838	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430
132845	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
132848	Lanthanum(III) Chloride 7-hydrate PA-ACS	241
132901	Osmium(VIII) Oxide PA-ACS	294
132921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
133066	Naphthol Green B (C.I. 10020) PA-ACS	281
133070	Hydrofluoric Acid 40% PA-ISO	219
133080	1-Methyl-2-Pyrrolidone PA-ACS	276
133101	Trichloromethane stabilized with ~50 ppm of amylene (Reag. USP, Ph. Eur.) PA-ACS	452
133234	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
133242	n-Hexane 95% PA-ACS	207
133255	Nitric Acid 65% PA-ISO	287
133266	1,1,2-Trichlorotrifluoroethane (ACS IX, Reag. USP, Ph. Eur.) (E.U.) PA-ACS	455
133312	tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) PA-ACS	97
133331	Phenol Red Sodium Salt PA-ACS	310
133378	Hydrochloric Acid 25% PA-ISO	216
133386	1-Octanol (Reag. USP) PA-ACS	292
133534	1,2-Diaminocyclohexane-N,N,N',N'-Tetraacetic Acid 1-hydrate (Reag. Ph. Eur.) PA-ACS	141
133537	Tetrahydrofuran stabilized with ~300 ppm of BHT PA-ACS	440
133577	1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
133606	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
134220	Reinecke Salt (Reag. USP, Ph. Eur.) PA-ACS	355
134387	Sodium Perchlorate 1-hydrate (Reag. USP) PA-ACS	394
134432	Tetrachloroauric Acid(III) 3-hydrate PA-ACS	439
134433	Hexachloroplatinic(IV) Acid 6-hydrate (Reag. Ph. Eur.) PA-ACS	204
134758	Ammonium Cerium(IV) Nitrate (Reag. Ph. Eur.) PA-ACS	45
134852	Phenol crystallized (detached crystals) PA-ACS	308
134887	Thioacetamide (Reag. Ph. Eur.) PA-ACS	442
135212	Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO	470
135279	Sodium Methylate 0,5 mol/l methanolic PA-ACS	391
135324	meta-Phosphoric Acid stabilized with NaPO ₃ (Reag. Ph. Eur.) PA-ACS	314
135571	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360
136064	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253
14 PRS/PRS-CODEX		
141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
141004	Acetamide PRS	18
141005	Acetanilide PRS	18
141007	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24
141008	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
141012	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
141013	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
141014	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
141015	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77
141017	Hydrobromic Acid 48% PRS	212
141018	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	125
141020	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214
141025	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
141026	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
141029	Formic Acid 85% PRS	192
141030	Formic Acid 98% PRS	192
141032	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314
141034	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240
141035	Molybdic Acid (contains ammonium molybdate) PRS	279
141037	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287
141041	Oxalic Acid 2-hydrate PRS	294
141044	Perchloric Acid 20% PRS	303
141045	Potassium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358
141048	Picric Acid moistened with ~33% of H ₂ O (Reag. Ph. Eur.) PRS	316
141053	Rubeanic Acid PRS	357
141054	Perchloric Acid 60% PRS	303
141055	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403
141057	Sulphanilic Acid PRS	430
141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
141065	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436
141066	L(+)-Tartaric Acid PRS	437
141067	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450
141068	Uric Acid PRS	464
141074	Water (BP, Ph. Eur.) PRS-CODEX	467
141076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized PRS	221
141077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX	220
141079	3-Methyl-1-Butanol PRS	270
141081	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72
141082	1-Butanol (USP-NF) PRS-CODEX	92
141083	4-Hydroxy-4-Methyl-2-Pentanone PRS	224
141085	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
141086	Ethanol absolute PRS	170
141089	Isobutanol PRS	233
141090	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349
141091	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
141097	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35
141098	Aluminium metal, powder PRS	34
141099	Aluminium Nitrate 9-hydrate PRS	35
141101	Aluminium Sulphate 18-hydrate PRS	36
141102	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34
141103	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36
141114	Ammonium Acetate PRS	44
141115	Ammonium Benzoate PRS	44
141116	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
141117	Ammonium Hydrogen Sulphate PRS	49
141118	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
141119	Ammonium Carbonate (USP-NF) PRS-CODEX	45
141120	di-Ammonium Hydrogen Citrate PRS	48
141121	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
141124	Ammonium Chromate PRS	46
141125	Ammonium Dichromate moistened with 0,5-3,0% of H ₂ O PRS	47
141126	Ammonium di-Hydrogen Phosphate PRS	49
141127	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	48
141128	Ammonia 20% (as NH ₃) PRS	43
141129	Ammonia 25% (as NH ₃) (BP, Ph. Eur.) PRS-CODEX	41
141130	Ammonia 30% (as NH ₃) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40
141134	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
141136	di-Ammonium Oxalate 1-hydrate PRS	52
141137	Ammonium Perchlorate PRS	52
141138	Ammonium Peroxodisulphate PRS	52
141139	Ammonium Polysulphide solution 25% w/w PRS	53
141140	Ammonium Thiocyanate PRS	53
141143	Ammonium Thiocyanate PRS	54
141145	Ammonium Sulphide solution 10% w/v PRS	54
141146	di-Ammonium Tartrate PRS	54
141147	Acetic Anhydride PRS	22
141151	Arsenic(III) Oxide PRS	60
141154	di-Phosphorus penta-Oxide PRS	315
141156	Aniline PRS	56
141159	Potassium Antimony(III) Tartrate 3-hydrate PRS	320
141163	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430
141164	Sulphur sublimated (USP) PRS-CODEX	430
141180	Barium Acetate PRS	62
141181	Barium Carbonate PRS	63
141182	Barium Chloride 2-hydrate PRS	63
141187	Barium Chromate (C.I. 77103) PRS	64
141188	Barium Hydroxide 8-hydrate PRS	64
141190	Barium Nitrate PRS	65
141191	Barium Sulphate PRS	65
141192	Benzene PRS	67
141194	2-Naphthol PRS	281
141195	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74
141196	Bismuth(III) Nitrate 5-hydrate PRS	75
141197	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
141198	Potassium Boron Tartrate PRS	321
141199	Bromine PRS	79
141201	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84
141202	n-Butyl Acetate PRS	95
141203	Cadmium Acetate 2-hydrate PRS	99
141205	Cadmium Chloride 2,5-hydrate PRS	99
141206	Cadmium metal, sheets PRS	98
141207	Cadmium Nitrate 4-hydrate PRS	100
141208	Cadmium Sulphate 8/3-hydrate PRS	100
141209	Cadmium Iodide PRS	99
141211	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
141212	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
141214	Calcium Chloride 6-hydrate PRS	104
141224	Calcium Formate PRS	105
141225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate PRS	102
141226	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141227	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141228	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
141230	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106
141231	Calcium Nitrate 4-hydrate PRS	107
141232	Calcium Chloride 2-hydrate powder PRS	103
141233	Calcium Oxalate 1-hydrate PRS	107
141235	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141244	Carbon Disulphide PRS	110
141245	Carbon Tetrachloride (E.U.) PRS	111
141247	Cerium(IV) Oxide PRS	114
141248	Cerium(IV) Sulphate 4-hydrate PRS	114
141250	Cyclohexane PRS	135
141252	Trichloromethane stabilized with ethanol PRS	454
141254	Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	146
141255	Cobalt(II) Acetate 4-hydrate PRS	125
141256	Cobalt(II) Hydroxide Carbonate ~50% Co PRS	126
141257	Cobalt(II) Chloride 6-hydrate PRS	126
141258	Cobalt(II) Nitrate 6-hydrate PRS	126
141259	Cobalt(II) Sulphate 7-hydrate PRS	127
141260	Cyclohexanol PRS	136
141261	Copper(II) Acetate 1-hydrate PRS	128
141262	Copper(II) Hydroxide Carbonate PRS	130
141263	Copper(I) Cyanide PRS	129
141264	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
141266	Copper metal, powder PRS	128
141267	Copper(II) Nitrate 3-hydrate PRS	130
141269	Copper(II) Oxide PRS	130
141270	Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	131
141275	Chromium(III) Nitrate 9-hydrate PRS	122
141276	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253
141278	Collodion solution 4% w/v (USP) PRS-CODEX	127
141284	Chromium(III) Potassium Sulphate 12-hydrate PRS	123
141286	1,2-Dichloroethane PRS	145
141290	Di-Isobutylketone PRS	154
141296	1,4-Dioxan stabilized with ~25 ppm of BHT PRS	164
141297	Iron(III) Nitrate 9-hydrate PRS	230
141302	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP) PRS-CODEX	461
141303	Tin(II) Chloride 2-hydrate PRS	445
141305	Tin(IV) Oxide PRS	445
141306	Strontium Carbonate PRS	427
141307	Strontium Chloride 6-hydrate PRS	427
141309	Strontium Hydroxide 8-hydrate PRS	427
141310	Strontium Nitrate PRS	428
141311	Strontium Oxalate 1-hydrate PRS	428
141312	Strontium Sulphate PRS	428
141314	Di-Isopropyl Ether stabilized with ~50 ppm of BHT PRS	155
141315	Petroleum Ether 40-60°C PRS	306
141316	Ethylene Glycol PRS	179
141317	Ethylene Glycol mono-Ethyl Ether PRS	180
141318	Ethyl Acetate PRS	175
141319	Ethyl (S)-(-)-Lactate PRS	181
141323	Phenol 90% aqueous solution (USP) PRS-CODEX	308
141325	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309
141328	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
141329	Phosphorus red PRS	315
141339	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198

141340	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200	141508	Potassium Formate PRS	329	141701	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391
141341	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196	141509	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332	141702	Sodium Nitrate PRS	392
141343	L-Glutamine (USP) PRS-CODEX	197	141512	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331	141703	Sodium Nitrite (USP) PRS-CODEX	392
141345	Heptane, alkanes mixture PRS	203	141513	tri-Potassium Phosphate 1,5-hydrate PRS	342	141706	di-Sodium Oxalate PRS	393
141346	Hexamethylenetetramine PRS	205	141515	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334	141709	di-Sodium di-Hydrogen Pyrophosphate PRS	383
141347	Hexane, alkanes mixture PRS	208	141522	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328	141710	tetra-Sodium Pyrophosphate 10-hydrate PRS	397
141348	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274	141523	Potassium meta-Periodate PRS	341	141711	tetra-Sodium Pyrophosphate anhydrous PRS	396
141351	Hydroquinone (USP) PRS-CODEX	222	141524	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	339	141715	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
141354	tri-Magnesium di-Citrate 9-hydrate PRS	252	141525	Potassium Peroxodisulphate PRS	342	141716	Sodium Sulphate anhydrous PRS	399
141357	Iron(II) Oxalate 2-hydrate PRS	231	141526	di-Potassium Oxalate 1-hydrate PRS	340	141717	Sodium Sulphite anhydrous PRS	400
141358	Iron(III) Chloride 6-hydrate PRS	230	141527	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341	141718	Sodium Thiocyanate PRS	401
141360	Iron(III) Sulphate x-hydrate ~75% PRS	232	141531	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343	141719	Sodium Tartrate 2-hydrate PRS	401
141362	Iron(II) Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	231	141532	Potassium Sulphate PRS	344	141721	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402
141363	Iron(II) Sulphide cylinders PRS	232	141534	Potassium Thiocyanate PRS	345	141724	Sodium Tungstate 2-hydrate PRS	403
141364	Ammonium Iron(III) Oxalate 3-hydrate PRS	50	141537	Potassium Tartrate 1/2-hydrate PRS	344	141726	Sodium Iodide PRS	390
141365	Ammonium Iron(III) Sulphate 12-hydrate PRS	51	141538	Potassium tetra-Oxalate 2-hydrate PRS	340	141729	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343
141368	Ammonium Iron(II) Sulphate 6-hydrate PRS	50	141540	Potassium iodate PRS	337	141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
141372	Isoamyl Acetate PRS	232	141542	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338	141735	1,1,2,2-Tetrabromoethane PRS	438
141374	Isopropyl Acetate PRS	238	141545	1,2-Propanediol (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	346	141738	Thymol PRS	444
141375	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241	141571	Sodium Hydroxide solution 50% w/v PRS	385	141743	Thiourea PRS	443
141391	Lithium Carbonate PRS	247	141603	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356	141745	Toluene PRS	448
141392	Lithium Chloride PRS	248	141621	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357	141749	Trichloroethylene, stabilized with ethanol PRS	451
141393	Lithium Sulphate 1-hydrate PRS	249	141624	Salicylamide (USP) PRS-CODEX	358	141750	Triethanolamine (USP-NF) PRS-CODEX	456
141394	Magnesium Acetate 4-hydrate PRS	251	141625	Selenium metal powder PRS	359	141756	Urea Nitrate moistened with ~20% of H ₂ O PRS	464
141396	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251	141632	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365	141769	Xylene, mixture of isomers PRS	469
141399	tri-Magnesium di-Phosphate 5-hydrate PRS	253	141633	Sodium Acetate anhydrous (USP) PRS-CODEX	364	141770	Iodine mono-Bromide PRS	228
141400	Magnesium metal, powder PRS	250	141635	di-Sodium Hydrogen Arsenate 7-hydrate PRS	379	141771	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227
141401	Magnesium Molybdate 5-hydrate PRS	253	141636	Sodium meta-Arsenite PRS	366	141775	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473
141402	Magnesium Nitrate 6-hydrate PRS	253	141637	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366	141778	Zinc Cyanide PRS	474
141404	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254	141638	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379	141779	Zinc Chloride PRS	474
141407	Manganese(II) Acetate 4-hydrate PRS	257	141640	Sodium Hydrogen Sulphate anhydrous PRS	383	141781	Zinc Phenolsulphonate 8-hydrate PRS	475
141409	Manganese(II) Carbonate x-hydrate PRS	257	141643	Sodium Hydrogen Tartrate anhydrous PRS	383	141783	Zinc metal, powder PRS	473
141410	Manganese(II) Chloride 4-hydrate PRS	257	141644	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368	141784	Zinc Nitrate 6-hydrate PRS	474
141412	Manganese(II) Lactate 3-hydrate PRS	258	141645	Sodium Bromate PRS	368	141785	N,N-Dimethylformamide PRS	159
141413	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258	141646	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369	141786	Zinc Oxide PRS	475
141417	Mercury(II) Acetate PRS	261	141647	Sodium Carbonate 10-hydrate PRS	370	141787	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476
141418	Mercury(II) Bromide PRS	261	141648	Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	369	141788	Zinc Sulphate 1-hydrate (USP, Ph. Eur., BP) PRS-CODEX	476
141419	Mercury(II) Chloride PRS	261	141652	Sodium Cyanide PRS	374	141792	Agar (USP) PRS-CODEX	31
141421	Mercury metal PRS	260	141653	Sodium di-Hydrogen Citrate PRS	380	141796	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
141423	Mercury(I) Nitrate 2-hydrate PRS	262	141654	di-Sodium Hydrogen Citrate 1 1/2-hydrate PRS	379	141797	Maltose 1-hydrate PRS	256
141426	Mercury(II) Oxide yellow PRS	263	141655	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373	141798	4-Methylaminophenol Sulphate PRS	269
141427	Mercury(II) Oxide red PRS	263	141656	tri-Sodium Citrate 5,5-hydrate PRS	374	141800	Silver Carbonate PRS	361
141429	Butanone (Methyl ethylketone) PRS	94	141658	Sodium Chlorate PRS	371	141801	Silver Sulphate PRS	363
141430	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274	141659	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372	141802	Silver Chloride PRS	361
141438	Naphthalene PRS	280	141665	Sodium Hydrogen di-Acetate PRS	378	141808	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
141441	Nickel(II) Acetate 4-hydrate PRS	283	141666	Sodium Dichromate 2-hydrate PRS	374	141811	mono-Chloroacetic Acid PRS	116
141442	Nickel(II) Hydroxide Carbonate x-hydrate PRS	283	141667	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375	141812	Aluminium Hydroxide PRS	35
141443	Nickel(II) Chloride 6-hydrate PRS	283	141669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178	141818	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141444	Nickel(II) Nitrate 6-hydrate PRS	283	141673	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255	141840	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252
141445	Nickel(II) Sulphate 6-hydrate PRS	284	141675	Sodium Fluoride (USP) PRS-CODEX	377	141851	Silver Acetate PRS	361
141448	Gold(III) Chloride-Sodium Chloride ~49% Au PRS	200	141676	Sodium Formate PRS	377	141855	Potassium Nitrite PRS	339
141451	Paraformaldehyde (DAC) PRS-CODEX	297	141677	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382	141856	Potassium Perchlorate (DAC) PRS-CODEX	340
141453	Piperazine 6-hydrate PRS	316	141678	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381	141859	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397
141455	Tetrachloroethylene PRS	439	141679	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380	141862	Petroleum Ether 50-70°C PRS	306
141457	Pyridine PRS	352	141680	tri-Sodium Phosphate 12-hydrate PRS	395	141868	Iron(II) Chloride 4-hydrate PRS	230
141459	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362	141681	tri-Sodium Phosphate 1-hydrate PRS	395	141871	Sodium Hydrogen Tartrate 1-hydrate PRS	384
141466	Lead(II) Acetate 3-hydrate PRS	243	141683	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378	141878	Magnesium Sulphate 75% extradry, powder PRS	254
141468	Lead(IV) Oxide PRS	244	141684	Sodium Polyphosphate PRS	396	141882	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255
141469	Lead(II) Hydroxide Carbonate PRS	244	141686	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	141884	1-Pentanol PRS	301
141470	Lead(II) Chloride PRS	243	141687	Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	141885	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347
141473	Lead(II) Nitrate PRS	244	141697	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396	141888	Ethylene Glycol mono-Butyl Ether PRS	179
141475	Lead(II) Oxide (DAC) PRS-CODEX	244	141698	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375	141894	Silver Cyanide PRS	361
141477	Lead(II) Hydroxideacetate solution PRS	243	141699	Sodium metal, sticks PRS	364	141895	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
141478	Lead(II) Sulphate PRS	245				141901	Iron metal reduced by hydrogen PRS	229
141479	Potassium Acetate (RFE, BP, Ph. Eur.) PRS-CODEX	320				141903	2-Methyl-2-Propanol PRS	275
141480	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330				141909	Iodoform PRS	229
141481	Potassium Hydrogen Phthalate PRS	333				141911	Ammonium Hydrogen di-Fluoride PRS	48
141484	Potassium Hydrogen Oxalate PRS	331				141913	Glycerol mono-Acetate PRS	199
141485	Potassium Hydrogen Sulphate PRS	333				141914	Hydroxylammonium Chloride PRS	223
141486	Potassium Hydrogen Tartrate PRS	334				141922	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
141487	Potassium Bromate PRS	321				141926	Chromium(III) Sulphate x-hydrate PRS	123
141489	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322				141927	Magnesium Hydrogen Phosphate 3-hydrate PRS	252
141490	Potassium Carbonate PRS	322				141928	Lithium Hydroxide 1-hydrate (USP) PRS-CODEX	248
141491	Potassium Cyanide PRS	326				141929	Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) PRS-CODEX	385
141492	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326				141933	Silver(I) Oxide PRS	363
141493	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323						
141494	Potassium Chloride PRS	324						
141497	Potassium Chromate PRS	325						
141500	Potassium Dichromate PRS	327						
141503	Potassium Hexacyanoferrate(III) PRS	329						
141505	Potassium Hexacyanoferrate(II) 3-hydrate PRS	329						

141937	Di-n-Butyl Phthalate PRS	142	142360	Magnesium Fluoride PRS	252	143143	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
141940	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460	142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376	143145	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
141945	Magnesium metal, filings PRS	250	142367	Manganese(IV) Oxide precipitated PRS	258	143162	Lead metal, powder PRS	242
141949	Methyl Benzoate PRS	269	142384	2-Oxoglutaric Acid PRS	295	143209	Paraffin M.P. 51-53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296
141952	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178	142395	Mercurylbromofluorescein PRS	261	143224	Manganese(II) Nitrate 4-hydrate PRS	258
141953	Chlorobenzene PRS	117	142400	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106	143242	n-Hexane 95% PRS	207
141954	Dimethyl Sulphoxide PRS	161	142404	Sodium Hydroxide solution 50% w/w PRS	385	143255	Nitric Acid 65% PRS	288
141956	Formamide PRS	191	142416	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112	143289	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377
141962	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351	142422	DL-Aspartic Acid PRS	61	143299	Ammonium Sulphide solution 20% w/w PRS	54
141965	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382	142431	Lithium Fluoride PRS	248	143306	Sodium Lactate PRS	390
141973	Ethyl Benzoate PRS	176	142432	Lithium Nitrate PRS	249	143307	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390
141975	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116	142436	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317	143312	tert-Butyl Methyl Ether PRS	97
141976	Potassium Fluoride PRS	329	142438	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318	143332	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272
142003	Lithium metal, pieces in Argon atmosphere PRS	246	142465	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65	143389	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284
142004	Cadmium Bromide 4-hydrate PRS	99	142475	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361	143396	Sodium Peroxodisulphate PRS	395
142005	Copper(II) Bromide PRS	129	142502	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454	143459	Indium(III) Sulphate anhydrous PRS	226
142006	n-Pentane PRS	299	142507	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381	143464	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59
142014	Chromium(III) Chloride 6-hydrate PRS	122	142512	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427	143473	Sodium Propionate (USP-NF) PRS-CODEX	396
142023	Methyl Acetate PRS	268	142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114	143481	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
142028	Ammonium Iron(III) Citrate green PRS	50	142557	Cobalt(II,III) Oxide PRS	126	143482	Ammonium Formate PRS	47
142029	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254	142590	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427	143501	Isopentane PRS	237
142032	Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	370	142594	Hydrazinium mono-Chloride PRS	210	143537	Tetrahydrofuran stabilized with ~300 ppm of BHT PRS	441
142034	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61	142652	DL-Camphor synthetic (USP) PRS-CODEX	109	143573	Phosphorous Acid PRS	314
142035	DL-Alanine PRS	32	142659	Oleic Acid (USP) PRS-CODEX	293	143578	Sodium Succinate anhydrous PRS	398
142041	Thioglycolic Acid 80% PRS	442	142660	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221	143607	Petroleum Ether 30-60°C PRS	305
142042	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197	142697	Potassium Hydrogen Diiodate PRS	330	143646	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345
142043	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31	142698	Petroleum Ether 25-40°C PRS	304	143854	Sodium Hydrogen Sulphate 1-hydrate PRS	383
142045	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209	142699	Petroleum Ether 30-40°C PRS	305	143865	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366
142046	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245	142700	Petroleum Ether 30-50°C PRS	305	143886	2-(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
142047	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310	142701	Petroleum Ether 60-80°C PRS	307	143922	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
142048	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465	142702	Petroleum Ether 65-95°C PRS	307	143958	Sodium meta-Borate 4-hydrate PRS	367
142049	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460	142705	Lanthanum(III) Oxide PRS	242	143977	D(+)-Biotin (USP) PRS-CODEX	73
142050	Tween® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462	142726	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131	144108	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	179
142051	DL-Malic Acid (USP-NF) PRS-CODEX	256	142728	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193	144202	Copper(I) Iodide PRS	130
142060	Gelatin 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195	142730	Nickel Oxide black PRS	284	144233	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
142061	Arabic Gum powder PRS	59	142742	Tin metal, powder PRS	444	144272	Potassium Thiosulphate x-hydrate PRS	345
142062	n-Heptane PRS	203	142748	Ammonium Cerium(IV) Sulphate 2-hydrate PRS	45	144321	tetra-Potassium Pyrophosphate anhydrous PRS	342
142063	n-Hexane PRS	206	142749	Ammonium Copper(II) Chloride 2-hydrate PRS	46	144329	Copper(I) Bromide PRS	129
142064	Isooctane PRS	236	142756	Sodium Selenite anhydrous PRS	397	144369	Tin(II) Sulphate PRS	445
142067	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259	142767	o-Xylene PRS	471	144441	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
142077	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463	142768	m-Xylene PRS	471	144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
142080	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472	142769	p-Xylene PRS	472	144564	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113
142083	Colophony (BP, Ph. Eur.) PRS-CODEX	127	142770	Diethyl Ether stabilized with ~6 ppm of BHT PRS	151	144653	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
142085	Eucalyptol (USP) PRS-CODEX	182	142786	Octanoic Acid PRS	292	144720	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
142091	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177	142791	Molybdenum(VI) Oxide PRS	279	144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
142093	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177	142823	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429	144764	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
142099	Sodium Iodide 2-hydrate PRS	390	142825	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142	144852	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308
142101	Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446	142833	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101	144894	Manganese(II) Oxide PRS	258
142166	Mercury(II) Sulphate PRS	263	142839	Barium Perchlorate anhydrous PRS	65	145044	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464
142175	Perchloric Acid 70% PRS	303	142880	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235	145224	Sodium Chromate 4-hydrate PRS	373
142176	Hydrochloric Acid 32% PRS	216	142882	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267	145226	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
142198	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209	142902	Lithium Bromide PRS	247	145265	Allantoin (BP, Ph. Eur.) PRS-CODEX	33
142213	Hydriodic Acid 57% PRS	212	142904	Cadmium Oxide PRS	100	145300	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
142224	Barium Fluoride PRS	64	142909	Vanadium(V) Oxide PRS	465	145398	1-Methoxy-2-Propanol (basic)	267
142230	Strontium Fluoride PRS	427	142912	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50	145518	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312
142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462	142925	1,1,1-Trichloroethane (E.U.) PRS	450	145522	Sodium Stearate PRS	398
142314	Triton® X 100 PRS	460	142961	L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260	145642	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394
142315	Triton® X 405 solution 70% PRS	460	142963	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277	145655	Acetylcholine Chloride (USP) PRS-CODEX	28
142320	Periodic Acid PRS	304	142970	Sodium Stannate 3-hydrate PRS	398	145827	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
142323	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116	142977	Manganese metal, small sheets PRS	257	146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
142329	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199	142983	Sodium D-Gluconate (USP) PRS-CODEX	377	146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
142333	di-Potassium Hydrogen Phosphate 3-hydrate PRS	332	143052	di-Sodium tetra-Borate anhydrous PRS	367	146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
142338	Sodium Iodate PRS	389	143064	D(-)-Sorbitol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405	146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
142342	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30	143080	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276			
142344	Fumaric Acid (USP-NF) PRS-CODEX	193	143083	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68			
142346	Nitrile tri-Acetic Acid PRS	289	143091	Formaldehyde solution 10% neutralized, stabilized with methanol PRS	190			
142351	Ammonium Fluoride PRS	47	143101	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452			
142352	Ammonium meta-Vanadate PRS	55	143140	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197			
142357	Benzoyl Peroxide humidified with ~25% of H ₂ O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71						
142358	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312						

146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403	152759	Methyl Hexanoate, 98% PS	272	15A158	Dimethyl Carbonate, 99% PS	158
146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404	152760	Methyl Stearate, 98% PS	277	15A165	3-Hexanol, 98% PS	209
146132	Sodium Dodecyl Sulphate solution 10% w/v PRS	376	152761	Methyl Laurate, 98% PS	273	15A167	N-Acetyl-L-Cysteine, 98% PS	28
146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404	152762	Methyl Myristate, 98% PS	273	15A169	tert-Butyldimethylchlorosilane, 98% PS	96
146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404	152763	Methyl Palmitate, 98% PS	273	15A175	Diethyl Malonate, 99% PS	152
146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318	152777	Sulphuric Acid fuming ~ 20% SO3 PS	433	15A178	Ethyl 4-Chloroacetoacetate, 98% PS	176
146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319	152830	Gallic Acid 1-hydrate, 99% PS	194	15A188	Allylmagnesium Chloride 2M in THF PS	34
146226	Iron Sulphide natural powder PRS	232	152832	Selenium(IV) Oxide, 97% PS	359	15A190	4-Hydroxypiperidine, 98% PS	224
146257	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245	152879	L-Threonine, 99% PS	443	15A201	1,3-Cyclohexanedione, 98% stabilized with 3% sodium chloride PS	135
146308	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109	152880	L-Isoleucine, 99% PS	235	15A204	Methyl 4-Methoxybenzoate, 98% PS	273
146340	Nitroethane PRS	290	152882	L-Methionine, 99% PS	267	15A206	Tetraethylammonium Bromide, 99% PS	440
146392	Urea pearls PRS	463	152961	L(-)-Menthyl, 99% PS	260	15A211	Tetraoctylammonium Bromide, 98% PS	442
14B099	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360	152963	Methyl Salicylate, 99% PS	277	15A217	Benzylmagnesium Chloride 2M in THF PS	72
14B216	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189	153241	Hydrazinium mono-Bromide, 99% PS	210	15A222	trans-4-Methylcyclohexyl Isocyanate, 98% PS	271
14B764	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38	153316	Trifluoroacetic Anhydride, 99% PS	457	15A229	Trimethylxonium tetra-Fluoroborate, 97% PS	458
15 PS			153464	L-Arginine, 99% PS	59	15A235	Tetraethylammonium Iodide, 98% PS	439
151004	Acetamide, 99% PS	18	153622	Tetrabutylammonium Hydrogen Sulphate, 98% PS	438	15A239	D(-)-Tartaric Acid, 99% PS	436
151005	Acetanilide, 99% PS	19	153645	L-Cystine, 98% PS	137	15A240	Diethyl D(-)-Tartrate, 99% PS	152
151014	Benzoic Acid, 99,5% PS	70	153856	5-Chlorocavacrol, 97% PS	116	15A241	Diethyl L(+)-Tartrate, 99% PS	152
151041	Oxalic Acid 2-hydrate, 99% PS	294	154406	Polysorbate 85 PS	320	15A242	Diisopropyl D(-)-Tartrate, 98% PS	155
151045	Salicylic Acid, 99% PS	358	154747	2-Bromo-2-Nitro-1,3-Propanediol, 98% PS	85	15A243	Diisopropyl L(+)-Tartrate, 98% PS	155
151048	Picric Acid, 98% moistened with ~33% of H ₂ O PS	316	154764	L-Lysine mono-Hydrochloride, 99% PS	250	15A244	Titanium(V) Isopropylate, 97% PS	446
151050	Pyrogallol, 99% PS	354	155044	L-Valine, 98% PS	464	15A251	2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone, 98% PS	144
151057	Sulphanilic Acid, 99% PS	430	155265	Allantoin, 98% PS	33	15A259	Pyrrrole, 98% PS	354
151067	Trichloroacetic Acid, 98% PS	450	155398	1-Methoxy-2-Propanol, 99% PS	268	15A262	1H-Indole-3-Acetic Acid, 98% PS	227
151079	3-Methyl-1-Butanol, 98% PS	270	155494	1H-Indole-3-Butyric Acid, 99% PS	227	15A299	Potassium Tellurite x-hydrate, 95,0% PS	344
151081	Benzyl Alcohol, 99% PS	72	155584	Heptafluorobutyric Anhydride, 99% PS	202	15A304	3,5-Dimethylbenzoic Acid, 98% PS	157
151083	4-Hydroxy-4-Methyl-2-Pentanone, 98% PS	224	155587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide, 95% PS	277	15A308	4-Bromophenylhydrazinium Chloride, 96% PS	86
151154	di-Phosphorus penta-Oxide, 98% PS	315	155590	N-Methyl-Bis (Trifluoroacetamide), 97% PS	269	15A311	Cyanoacetic Acid, 98% PS	134
151156	Aniline, 99% PS	56	155600	N,N-Dimethylformamide-Dimethylacetal, 95% PS	159	15A314	Aluminium Isopropylate, 98% PS	35
151157	Anilinium Chloride, 99% PS	56	155655	Acetylcholine Chloride, 98% PS	28	15A315	DL-Valine, 98% PS	464
151263	Copper(II) Cyanide, 98% PS	130	155769	1-Butane Sulphonic Acid Sodium Salt, 98% PS	92	15A317	Benzamide, 98% PS	66
151289	Diethylene Glycol, 98% PS	149	156075	Polysorbate 80 PS	319	15A324	Trimethylsilylacetylene, 98% PS	458
151290	Di-Isobutylketone PS	154	156092	Sorbitan Monopalmitate PS	404	15A327	5-Nitroindole, 98% PS	290
151319	Ethyl (S)-(-)-Lactate, 98% PS	181	156093	Sorbitan Tristearate PS	405	15A330	Phthalic Acid, 99,5% PS	316
151330	Phthalimide, 98% PS	316	156094	Sorbitan Monooleate PS	403	15A331	Palladium-Charcoal Activated (10% Pd) PS	295
151339	Glycerol, 99% PS	198	156101	Sorbitan Monolaurate PS	403	15A333	2',4'-Difluoroacetophenone, 98% PS	152
151340	Glycine, 99% PS	200	156102	Sorbitan Monostearate PS	404	15A337	4-Chlorocinnamic Acid, 99% PS	119
151343	L-Glutamine, 99% PS	197	156156	Sorbitan Sesquioleate PS	404	15A340	1-Bromo-4-Iodobenzene, 98% stabilized with copper PS	84
151346	Hexamethylenetetramine, 99% PS	205	156157	Sorbitan Trioleate PS	404	15A341	Potassium Hydrogen Difluoride, 99% PS	330
151349	Hydrazinium Hydroxide 80% PS	211	156158	Polysorbate 40 PS	319	15A347	4-Chlorophenylhydrazinium Chloride, 98% PS	121
151371	Isatin, 98% PS	232	156159	Polysorbate 60 PS	319	15A348	2-Amino-6-Methylpyridine, 98% PS	39
151372	Isoamyl Acetate, 98% PS	232	156160	Polysorbate 65 PS	319	15A351	p-Tolylhydrazinium Chloride, 98% PS	449
151438	Naphthalene, 98% PS	280	156392	Urea pearls, 98,5% PS	464	15A352	4-Fluorocinnamic Acid, 98% PS	187
151451	Paraformaldehyde, 95% PS	297	156416	2-Methyltetrahydrofuran stabilized with ~300 ppm of BHT PS	277	15A356	L-Ornithine Hydrochloride, 99% PS	294
151470	Lead(II) Chloride, 99% PS	243	15A007	Methyl 4-Hydroxyphenylacetate, 98% PS	272	15A363	Palladium-Charcoal Activated (5% Pd) PS	295
151545	1,2-Propanediol, 99% PS	346	15A010	3,4-Difluorobenzaldehyde, 98% PS	153	15A367	Triphenylphosphine, 99% PS	459
151716	Sodium Sulphate anhydrous, 99% PS	399	15A021	4-(Dimethylamino) Pyridine, 99% PS	157	15A371	4-Aminoantipyrine, 98% PS	37
151735	1,1,2,2-Tetrabromoethane, 98,5% PS	438	15A024	Diethylene Glycol Diethyl Ether, 98% PS	149	15A375	N-Z-L-Alanine, 98% PS	472
151741	1,3-Diphenylthiourea, 98% PS	165	15A029	Citrazinic Acid, 97% PS	123	15A390	L-Lysine 1-hydrate, 98% PS	249
151743	Thiourea, 98% PS	443	15A030	4-Methylcyclohexanone, 98% PS	271	15A392	Ferrocene, 98% PS	183
151770	Iodine mono-Bromide, 98% PS	228	15A031	trans-4-Methylcyclohexylammonium Chloride, 98% PS	271	15A406	3-Nitrophenol, 98% PS	290
151808	Citric Acid anhydrous, 99% PS	124	15A033	Crown Ether/15-Crown-5, 98% PS	133	15A414	N-Boc-L-Valine, 98% PS	77
151815	Antimony(III) Chloride, 98% PS	57	15A034	Crown Ether/18-Crown-6, 98% PS	133	15A428	1-Naphthaleneacetic Acid, 97% PS	280
151825	Copper(I) Oxide red, 95% PS	131	15A035	D-Valine, 99% PS	464	15A437	3,4-Dihydroxybenzoic Acid, 98% PS	153
151859	Sodium Salicylate, 99% PS	397	15A036	Epichlorohydrin, 98% PS	168	15A438	3,4-Dihydroxybenzaldehyde, 98% PS	153
151882	Maleic Acid, 99% PS	255	15A037	4'-Hydroxyacetophenone, 98% PS	222	15A441	5-Aminoquinoline, 98% PS	40
151884	1-Pentanol, 98% PS	301	15A038	Cyclopropylmethylketone, 98% PS	137	15A446	1-Hydroxybenzotriazole moistened with 33% of H ₂ O PS	222
151914	Hydroxylammonium Chloride, 99% PS	223	15A039	Dicyclopropylketone, 98% PS	148	15A448	N,N'-Diisopropylcarbodiimide, 98% PS	154
151925	Hydroxylammonium Sulphate, 99% PS	224	15A040	Cyclopropylmethylamine, 96% PS	137	15A454	Di-tert-Butyl Dicarboxylate, 98% PS	141
151937	Di-n-Butyl Phthalate, 99% PS	142	15A042	Cyclopropylmethanol, 98% PS	137	15A456	9-Fluorenylmethoxy, 99% PS	184
151945	Magnesium, 99% metal, filings PS	250	15A043	Bromomethylcyclopropane, 91% PS	84	15A457	N-(9-Fluorenylmethoxycarbonyloxy) Succinimide, 98% PS	184
151949	Methyl Benzoate, 99% PS	269	15A044	Cyclopropyl Cyanide, 98% PS	137	15A460	Trifluoromethanesulphonic Acid, 99% PS	457
151973	Ethyl Benzoate, 99% PS	176	15A046	Cyclopropanecarboxylic Acid, 98% PS	137	15A467	N-Boc-D-Valine, 98% PS	77
152005	Copper(II) Bromide, 99% PS	129	15A047	Methyl Cyclopropanecarboxylate, 98% PS	271	15A469	N-Z-L-Valine, 99% PS	477
152042	L-Glutamic Acid, 99% PS	197	15A048	Cyclopropanecarbonyl Chloride, 95% PS	137	15A471	Polyphosphoric Acid PS	318
152045	L-Histidine, 99% PS	209	15A051	Sodium Hydride 60% mineral oil dispersion PS	378	15A474	Tetrabutylammonium Borohydride, 97% PS	438
152046	L-Leucine, 99% PS	245	15A054	Cyclopropyl Bromide, 98% PS	137	15A475	4-Aminophenol, 98% PS	39
152047	L-Phenylalanine, 99% PS	310	15A058	1-Bromo-2-Methylpropane, 99% PS	84	15A476	D-Alanine, 98% PS	31
152048	Vanillin, 99% PS	465	15A059	1-Chloronaphthalene, 93% PS	120	15A479	N-Boc-L-Alanine, 98% PS	76
152049	L-Tryptophan, 99% PS	459	15A066	D-2-Methylbutyric Acid, 98% PS	270	15A480	N-α-BOC-L-Asparagine, 98% PS	76
152051	DL-Malic Acid, 99% PS	256	15A068	2-Methyl-4-Nitroaniline, 98% PS	273	15A481	N-Boc-L-Aspartic Acid, 98% PS	76
152077	L-Tyrosine, 99% PS	463	15A087	Cyclopentanol, 99% PS	136	15A482	N-Boc-L-Glutamic Acid, 98% PS	76
152085	Eucalyptol, 99% PS	182	15A090	Cyclopentanone, 99% PS	136	15A483	N-Boc-Glycine, 98% PS	76
152198	L-Histidine mono-Hydrochloride 1-hydrate, 99% PS	209	15A100	Triphosgene, 98% PS	459	15A484	N-α-Boc-L-Histidine, 98% PS	76
152320	Periodic Acid, 99% PS	304	15A106	Chlorotrisopropylsilane, 97% PS	121	15A485	N-Boc-L-Isoleucine 1/2-hydrate, 98% PS	76
152323	Chloramine T 3-hydrate, 98% PS	116	15A109	2-Amino-5-Nitrothiazole, 97% PS	39	15A486	N-Boc-L-Leucine 1-hydrate, 98% PS	76
152342	Adipic Acid, 99% PS	30	15A110	2-(Phenylthio) Ethanol, 98% PS	312	15A488	N-Boc-L-Methionine, 98% PS	76
152346	Nitrile tri-Acetic Acid, 98% PS	289	15A116	1,3-Propanediol, 98% PS	346	15A489	N-Boc-L-Phenylalanine, 98% PS	76
152365	Pyrocatechol, 98% PS	354	15A117	1,3-Propanedithiol, 98% PS	346	15A490	N-Boc-L-Proline, 98% PS	76
152366	Thioacetamide, 98% PS	443	15A118	2-(2-Hydroxyethyl) Pyridine, 98% PS	223	15A491	N-Boc-L-Serine hydrate, 98% PS	76
152594	Hydrazinium mono-Chloride, 99% PS	211	15A121	2,2-Dimethoxypropane, 98% PS	155	15A492	N-Boc-L-Threonine, 98% PS	76
152595	Hydrazinium di-Chloride, 99% PS	211	15A127	2-Nitrobenzaldehyde, 99% PS	289	15A493	N-α-Boc-L-Tryptophan, 98% PS	76
152616	N-(Trimethylsilyl) Imidazole, 98% PS	459	15A135	4-Methoxyphenol, 98% PS	267	15A494	N-Boc-L-Tyrosine, 98% PS	77
152652	DL-Camphor, 95% synthetic PS	109	15A136	4-Nitrophenyl Chloroformate, 95% PS	291	15A505	tert-Butyl Acetate, 98% PS	95
152757	Methyl Decanoate, 98% PS	271	15A137	9-Anthracenemethanol, 98% PS	57	15A507	2-Aminophenol, 98% PS	39
152758	Methyl Octanoate, 98% PS	273	15A140	Acetylsalicyloyl Chloride, 98% PS	29	15A511	Isopropyl Palmitate, 90% PS	238
			15A145	2-Nitrobenzyl Alcohol, 99% PS	290	15A512	Propyl 4-Hydroxybenzoate, 99% PS	351
			15A146	4-Chlorobenzyl Alcohol, 98% PS	118	15A553	N-α-Z-L-Arginine, 98% PS	472
			15A148	Chloroacetic Anhydride, 97% PS	117			
			15A155	Triphenylchloromethane, 98% PS	459			

15A555	N-Z-L-Aspartic Acid, 98% PS	472	15A724	Benzyl Acetate, 99% PS	71	15A859	Propionyl Chloride, 98% PS	351
15A556	N-Z-L-Glutamic Acid, 98% PS	473	15A726	Benzyl Chloride, 99% PS	72	15A861	p-Toluidine, 99% PS	449
15A563	N-Z-L-Phenylalanine, 98% PS	477	15A728	Benzophenone, 99% PS	70	15A862	Quinoline, 96% PS	355
15A564	N-Z-L-Proline, 98% PS	477	15A731	Benzoil, 99% PS	70	15A865	Sodium, 99% metal, sticks in vaseline oil PS	364
15A567	N- α -Z-L-Tryptophan, 98% PS	477	15A732	Benzonitrile, 99% PS	70	15A868	Sodium Methylate solution ~30% in methanol PS	391
15A568	N-Z-L-Tyrosine hydrate, 98% PS	477	15A733	Bis (2-Ethylhexyl) Phthalate, 98% PS	74	15A870	Succinimide, 99% PS	429
15A570	Boc-ON, 98% PS	76	15A734	Boron Trifluoride 14% in methanol PS	79	15A871	Sulphuryl Chloride, 98% PS	435
15A571	Kojic Acid, 98% PS	240	15A735	Boron Trifluoride-Diethyl Ether (complex) PS	79	15A872	tert-Butyl Hydroperoxide solution 3M in isooctane PS	96
15A581	γ -Butyrolactone, 99% PS	98	15A737	Bromobenzene, 99% PS	80	15A873	tert-Butyl Hydroperoxide aqueous solution ~70% PS	96
15A582	γ -Terpinene, 95% PS	437	15A738	Bromoethane, 99% PS	83	15A874	Tetrabutylammonium Bromide, 98% PS	438
15A583	(-)-Borneol, 98% PS	78	15A740	Bromotrichloromethane, 98% PS	87	15A875	Tetrabutylammonium Hexafluorophosphate, 98% PS	438
15A584	(\pm)-Linalool, 95% PS	246	15A742	Butyryl Chloride, 98% PS	98	15A876	Tetrabutylammonium Hydroxide aqueous solution 20% w/w PS	438
15A585	a-Terpineol, 70% PS	437	15A743	Calcium, 98% metal, granules PS	101	15A879	Thionyl Chloride, 99% PS	442
15A586	1,1,3,3-Tetramethyldisiloxane, 97% PS	441	15A747	Cyclohexene, 99% stabilized with ~100 ppm of BHT PS	136	15A882	Triethylene Glycol, 99% PS	456
15A587	1,2,3,4-Tetrahydronaphthalene, 98% PS	441	15A748	Cyclohexylamine, 99% PS	136	15A883	Tri-n-Butylamine, 99% PS	449
15A588	1,2,4-Triazole Sodium Salt, 95% PS	449	15A749	Cinnamaldehyde, 98% PS	123	15A884	Iodine mono-Chloride, 98% PS	228
15A591	1,3-Butanediol, 99% PS	91	15A751	Chlorocyclopentane, 98% PS	119	15A885	Iodoethane, 98% stabilized with copper PS	229
15A592	1,3-Dichlorobenzene, 98% PS	143	15A754	Copper, 99% metal, turnings PS	128	15A886	Iodomethane, 99% stabilized with copper PS	229
15A593	1,3-Dimethylurea, 98% PS	162	15A758	Decahydronaphthalene, 98% isomers mixture PS	138	15A887	Zinc Bromide, 98% PS	473
15A595	1,3-Dioxolane, 99% stabilized with ~50 ppm BHT and ~100 ppm triethylamine PS	164	15A759	Decanoyl Chloride, 98% PS	138	15A891	3,5-Dinitrobenzoyl Chloride, 98% PS	162
15A596	1,4-Benzoquinone, 99% PS	70	15A760	Dicyclopentadiene, 90% stabilized with 100-200 ppm of tert-butylphenolene PS	148	15A894	n-Btuyl Nitrite stabilized with 0.5% of sodium carbonate anhydrous PS	98
15A597	1,4-Butanediol, 99% PS	91	15A763	Diethylketone, 99% PS	151	15A914	D(+)-Malic Acid, 99% PS	255
15A598	1,4-Dichlorobenzene, 99% PS	143	15A765	Diethylenetriamine, 98% PS	150	15A915	Pyruvic Acid, 98% PS	355
15A599	1,4-Naphthoquinone, 97% PS	281	15A766	Diethyl Phthalate, 99% PS	152	15A916	2-Phenylbutyric Acid, 98% PS	311
15A600	1-Bromobutane, 98% PS	81	15A767	Diethyl Oxalate, 98,5% PS	152	15A918	2-Bromopropane, 99% PS	86
15A601	1-Bromoheptane, 98% PS	84	15A769	Biphenyl, 99% PS	73	15A920	1-Bromopentane, 99% PS	85
15A602	1-Bromohexane, 98% PS	84	15A770	Di-Isopropanolamine, 99% PS	154	15A921	3-Nitroaniline, 98% PS	289
15A603	1-Bromonaphthalene, 96% PS	85	15A771	Di-Isopropylamine, 99% PS	154	15A922	4-Nitroaniline, 98% PS	289
15A604	1-Cyanoguanidine, 98% PS	134	15A772	Dimethylamine solution 40% PS	156	15A923	2-Phenylethyl Acetate, 98% PS	311
15A608	1-Phenylisocarbazine, 99% PS	312	15A774	Dimethyl Phthalate, 99% PS	160	15A926	2-Aminopyridine, 98% PS	40
15A609	1H-Benzotriazole, 99% PS	70	15A775	Dimethyl Sulphate, 99% PS	160	15A953	4-Bromobiphenyl, 98% PS	81
15A612	1-Naphthylamine, 99% PS	281	15A777	Di-n-Butylamine, 99% PS	141	15A961	2-Fluorobenzoic Acid, 98% PS	186
15A614	1-Octene, 97% PS	293	15A778	Dipropylene Glycol, 98% isomers mixture PS	165	15A977	Bromoacetic Acid, 99% PS	79
15A615	2,2,2-Trifluoroacetamide, 98% PS	456	15A779	Diiodomethane, 99% stabilized with copper PS	154	15A985	Benzyltributylammonium Chloride, 99% PS	73
15A617	2,3-Butanedione, 98% PS	92	15A780	Styrene, 99% stabilized with 4-tert-Butyl Pyrocatechol PS	428	15A986	Benzyltriethylammonium Chloride, 99% PS	73
15A618	2,4,6-Trichlorophenol, 98% PS	455	15A783	Diethylene Glycol mono-Butyl Ether, 98% PS	149	15A988	Benzyltrimethylammonium Chloride, 99% PS	73
15A621	2,4-Dinitrotoluene, 96% PS	163	15A784	Diethylene Glycol mono-Ethyl Ether, 98% PS	149	15B002	Dextrin Yellow PS	140
15A623	2,6-Dimethylpyridine, 98% PS	160	15A786	Diethylene Glycol mono-Methyl Ether, 98% PS	149	15B003	Diethyl Sulphate, 99% PS	152
15A625	2-Amino-2-Methyl-1-Propanol, 95% PS	39	15A790	Ethyl Acetoacetate, 98% PS	176	15B018	Phthalimide Potassium Salt, 98% PS	316
15A626	2-Bromo-2-Methylpropane, 97% stabilized with potassium carbonate PS	85	15A791	Ethyl Bromoacetate, 98% PS	176	15B037	Pyridoline, 99% PS	354
15A627	2-Bromoethylammonium Bromide, 99% PS	83	15A792	Ethyl Nitrite 50% in ethanol 96% v/v PS	182	15B060	Tetramethylammonium Chloride, 98% PS	441
15A628	2-Chloroethanol, 99% PS	120	15A793	Ethyl Trifluoroacetate, 98% PS	182	15B089	L-Asparagine 1-hydrate, 99% PS	61
15A631	2-Phenoxyethanol, 99% PS	310	15A794	Phenylacetylene, 97% PS	310	15B097	N-Fmoc-L-Alanine, 98% PS	188
15A632	2-Hydroxybiphenyl, 98% PS	222	15A795	Phenylarsine Oxide, 95% PS	311	15B099	L-Serine, 99% PS	360
15A633	2-Methylbutyryl Chloride, 99% PS	270	15A798	Formaldehyde Dimethylacetal, 98% PS	191	15B104	N- α -Fmoc-L-Arginine, 98% PS	188
15A634	2-Methylpyridine, 98% PS	275	15A800	Phosphoryl Chloride, 99% PS	315	15B105	N- α -Fmoc-L-Asparagine, 98% PS	188
15A636	2-Nitrophenol, 98% PS	290	15A801	Phosphorus tri-Bromide, 98% PS	315	15B106	N-Fmoc-L-Aspartic Acid, 98% PS	188
15A637	3,4-Diaminopyridine, 98% PS	141	15A802	Phthalide, 99% PS	316	15B107	N- α -Fmoc-L-Glutamine, 98% PS	188
15A638	3,4-Dihydro-2H-Pyran, 98% PS	153	15A803	Fumaryl Chloride, 97% PS	194	15B108	N-Fmoc-Glycine, 98% PS	188
15A639	3,5-Dihydroxytoluene 1-hydrate, 99% PS	154	15A805	Geraniol, 97% PS	195	15B109	N-Fmoc-L-Isoleucine, 98% PS	188
15A640	3,5-Dimethylphenol, 99% PS	160	15A806	Glyoxal solution 40% PS	200	15B110	N-Fmoc-L-Leucine, 98% PS	188
15A641	3'-Aminobenzonitrile, 99% PS	37	15A807	Glutaraldehyde solution 50% PS	198	15B111	N-Fmoc-L-Methionine, 98% PS	189
15A643	4-Allylanisole, 98% PS	34	15A810	Hexanoil Chloride, 98% PS	209	15B112	N-Fmoc-L-Phenylalanine, 98% PS	189
15A644	4-Bromoacetanilide, 98% PS	79	15A811	Hydrazinium Hydroxide 100% PS	211	15B113	N-Fmoc-L-Proline, 98% PS	189
15A647	4-Methyl-2-Pentanol, 97% PS	274	15A813	Iron(III) Chloride anhydrous, 97% PS	230	15B114	N-Fmoc-L-Serine, 98% PS	189
15A649	4-Methoxybenzaldehyde, 98% PS	267	15A816	Isoamyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	233	15B115	N-Fmoc-L-Threonine 1-hydrate, 98% PS	189
15A650	4-Nitrobenzyl Bromide, 98% PS	290	15A817	Isobutyl Nitrite, 95% stabilized with ~0,5% of sodium carbonate anhydrous PS	234	15B116	N- α -Fmoc-L-Tryptophan, 98% PS	189
15A652	4-tert-Butylpyrocatechol, 99% PS	98	15A818	Linalyl Acetate, 95% PS	246	15B117	N-Fmoc-L-Tyrosine, 98% PS	189
15A653	4-Toluenesulphonyl Chloride, 98% PS	448	15A820	Lithium, 99% metal, granulated ~2,5 mm diameter in Argon atmosphere PS	246	15B118	N-Fmoc-L-Valine, 98% PS	189
15A654	5-Isopropyl-2-Methylphenol, 97% PS	238	15A821	Lithium Aluminium Hydride, 95% in Argon atmosphere PS	246	15B121	Palladium 5% on Calcium Carbonate, poisoned with lead PS	296
15A656	Acetaldehyde, 99% PS	18	15A822	Lithium Aluminium Hydride, 95% tablets in Argon atmosphere PS	247	15B127	Phenylmagnesium Bromide 1,2M in THF PS	311
15A657	Acetyl Bromide, 98% PS	28	15A823	Lithium Amide, 94% PS	247	15B144	DL-Mandelic Acid, 99% PS	256
15A661	2-Amino-5-Nitrobenzoic Acid, 97% PS	39	15A825	Methylamine solution 40% w/w PS	268	15B159	Phenylarsonic Acid, 97% PS	311
15A664	2-Furoic Acid, 98% PS	194	15A826	Methyl Acrylate, 99% stabilized with ~50 ppm of M.E.H.Q. PS	268	15B183	Methyl Nicotinate, 99% PS	273
15A665	2-Methylbutyric Acid, 98% PS	270	15A828	Morpholinium Iodide, 99% PS	280	15B187	Imidazolidinyl Urea, 26-28% (in N) PS	225
15A668	4-Acetoxybenzoic Acid, 99% PS	29	15A829	N,N'-Dicyclohexylcarbodiimide, 98% PS	148	15B195	Pyrolye-2-Carboxaldehyde, 98% PS	354
15A669	4-Hydroxybenzoic Acid, 99% PS	222	15A833	N-Allylthiourea, 98% PS	34	15B198	N-Iodosuccinimide, 98% PS	229
15A670	4-Hydroxyphenylacetic Acid, 98% PS	224	15A834	N-Bromosuccinimide, 98% PS	86	15B200	Bis (Pyridine) Iodonium Tetrafluoroborate PS	75
15A671	Toluene-4-Sulphonic Acid 1-hydrate, 98% PS	448	15A835	N-Butylaldehyde, 99% PS	98	15B205	Trimethyl Phosphate, 99% PS	458
15A672	5-Amino-2-Hydroxybenzoic Acid, 97% PS	38	15A837	N-Ethyl Di-Isopropylamine, 98% PS	176	15B216	Folic Acid, 97% PS	189
15A673	Acrylic Acid, 99% stabilized with hydroquinone monomethyl ether PS	30	15A838	N-Hydroxyphthalimide, 98% PS	224	15B229	2-Iodoaniline, 98% PS	228
15A674	Benzilic Acid, 99% PS	69	15A841	N-Methylmorpholine, 98% PS	273	15B231	4-Iodoaniline, 98% PS	228
15A676	Chlorosulphonic Acid, 98% PS	121	15A842	N-Methyltrifluoroacetamide, 98% PS	277	15B232	2-Fluoroaniline, 99% PS	185
15A678	Dichloroacetic Acid, 98% PS	143	15A843	o-Cresol, 99% PS	132	15B233	3-Fluoroaniline, 99% PS	185
15A680	Phenylacetic Acid, 99% PS	310	15A844	Octanoyl Chloride, 98% PS	293	15B234	4-Fluoroaniline, 99% PS	185
15A682	Gibberellic Acid, 90% PS	196	15A846	Oxalyl Chloride, 98% PS	295	15B235	2-Bromoaniline, 98% PS	80
15A683	Glycolic Acid ~ 65% PS	200	15A847	Palladium(II) Chloride anhydrous PS	296	15B241	2-Fluoroanisole, 99% PS	185
15A687	Methanesulphonic Acid 70% w/w PS	264	15A848	p-Cresol, 98,5% PS	132	15B243	3-Bromoanisole, 98% PS	80
15A689	n-Butyric Acid, 99% PS	98	15A849	Piperazine anhydrous, 98% PS	316	15B247	1-Iodobutane, 98% stabilized with copper PS	228
15A694	Pyridine 2,6-Dicarboxylic Acid	353	15A852	Pyridinium 4-Toluenesulphonate, 99% PS	353	15B248	2-Iodobutane, 98% stabilized with copper PS	229
15A701	Acrylonitrile, 99% stabilized with hydroquinone mono-methyl ether PS	30	15A853	Platinum(IV) Oxide x-hydrate PS	317	15B249	1-Iodopropane, 98% stabilized with copper PS	229
15A703	Allyl Alcohol, 99% PS	33	15A854	Potassium Cyanate, 97% PS	326	15B272	3-Fluorophenol, 99% PS	188
15A705	Stearyl Alcohol, 96% PS	427	15A856	Propanal, 98% PS	346	15B275	3-Bromophenol, 98% PS	85
15A706	Furfuryl Alcohol, 98% PS	194	15A858	Propiophenone, 99% PS	351			
15A707	Nickel-Aluminium alloy according to Raney PS	283						
15A709	Aluminium Chloride anhydrous, 98% PS	34						
15A713	Maleic Anhydride, 98% PS	255						
15A714	Succinic Anhydride, 99% PS	429						
15A716	Anisole, 99% PS	56						
15A718	Anthraquinone, 98% PS	57						
15A720	Sulphur Trioxide-Pyridine (Complex) PS	431						
15A721	Barium Oxide, 97% PS	65						
15A723	Benzil, 99% PS	69						

161345	Heptane, alkanes mixture PS	203
161347	Hexane, 95% alkanes mixture PS	208
161351	Hydroquinone, 99% PS	222
161352	8-Hydroxyquinoline, 99% PS	225
161373	Isobutyl Acetate, 99% PS	234
161374	Isopropyl Acetate, 99% PS	238
161429	Butanone, 99,5% (Methylethylketone) PS	94
161430	4-Methyl-2-Pentanone, 99% PS	274
161435	Morpholine, 98% PS	279
161447	Nitrobenzene, 99% PS	289
161455	Tetrachloroethylene, 99,5% PS	439
161457	Pyridine, 99% PS	352
161539	Potassium O-Ethylthiocarbonate, 98% PS	328
161603	Resorcinol, 99% PS	356
161708	Sodium Peroxide, 95% granulated PS	395
161745	Toluene, 99,5% PS	448
161749	Trichloroethylene, 99% stabilized with ethanol PS	451
161750	Triethanolamine, 98% PS	456
161769	Xylene, 98,5% mixture of isomers PS	470
161785	N,N-Dimethylformamide, 99,8% PS	159
161810	Propionic Acid, 99% PS	350
161828	Diphenylamine, 98% PS	164
161869	Ethylenediamine, 99% PS	177
161877	1-Dodecanol, 98% PS	166
161880	2,4-Pentanedione, 99% PS	300
161881	Acetonitrile, 99,7% PS	27
161883	Succinic Acid, 99% PS	428
161885	1-Propanol, 99,5% PS	347
161887	Benzaldehyde, 99% PS	66
161890	Cyclohexanone, 99,5% PS	136
161892	1,2-Dichlorobenzene, 98% PS	143
161897	Ethylene Glycol mono-Methyl Ether, 99% PS	180
161903	2-Methyl-2-Propanol, 99,7% PS	275
161924	Ethanolamine, 99% PS	174
161953	Chlorobenzene, 99,5% PS	118
161954	Dimethyl Sulphoxide, 99,5% PS	161
161955	o-Toluidine, 99% PS	449
161956	Formamide, 98% PS	191
161959	Alkylbenzylidimethylammonium Chloride, 98% PS	33
161970	Nitromethane, 98% PS	290
161977	Sodium Chlorite solution 25% w/w PS	372
162021	2-Ethyl-1-Hexanol, 99% PS	181
162023	Methyl Acetate, 99% PS	268
162031	4-Nitrophenol, 98% PS	291
162034	L-Aspartic Acid, 99% PS	61
162043	L-Alanine, 99% PS	31
162050	Tween® 80 PS	462
162054	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115
162058	1,3-Dinitrobenzene, 98% PS	162
162062	n-Heptane, 99% PS	203
162064	Isocetane, 99% PS	236
162065	Indole, 99% PS	227
162096	Acetyl Chloride, 98% PS	28
162295	Benzidine, 99% PS	68
162312	Tween® 20 PS	462
162325	2,4-Dinitrophenylhydrazine, 99% moistened with ~33% of H ₂ O PS	162
162344	Fumaric Acid, 99% PS	193
162345	Palmitic Acid, 98% PS	296
162357	Benzoyl Peroxide, 98% humidified with ~25% of H ₂ O PS	69
162368	Lauric Acid, 99% PS	242
162371	2,2'-Bipyridine, 99% PS	74
162376	Phenylhydrazine, 98% PS	311
162377	Piperidine, 99% PS	317
162434	Polyethylene Glycol 200 PS	317
162435	Polyethylene Glycol 300 PS	317
162436	Polyethylene Glycol 400 PS	317
162438	Polyethylene Glycol 4000 flakes PS	318
162439	Polyethylene Glycol 6000 flakes PS	318
162441	Anthrone, 98% PS	57
162442	1-Chloro-2,4-Dinitrobenzene, 98% PS	120
162443	2,4-Dinitrophenol, 98% moistened with ~33% of H ₂ O PS	162
162445	2-Chlorophenol, 99% PS	121
162525	Polyethylene Glycol 1500 PS	318
162536	Imidazole, 99% PS	225
162589	Hexanoic Acid, 98% PS	208
162590	Stearic Acid, 98% PS	427
162591	Myristic Acid, 98% PS	280
162645	2-Aminobenzoic Acid, 99% (Anthranilic Acid) PS	37
162712	Sodium Azide, 99% PS	366
162720	Benzoyl Chloride, 99% PS	69
162764	Semicarbazide Hydrochloride, 99% PS	359
162767	o-Xylene, 99% PS	471
162768	m-Xylene, 98,5% PS	471
162769	p-Xylene, 99% PS	472
162770	Diethyl Ether, 99,7% stabilized with ~6 ppm of BHT PS	151
162776	Chlorotrimethylsilane, 98% PS	122
162785	Decanoic Acid, 98% PS	138
162786	Octanoic Acid, 99% PS	292
162802	Methylcyclohexane, 99% PS	271
162825	2,6-Di-tert-Butyl-4-Methylphenol, 98% PS	142

162836	3,5-Dinitrobenzoic Acid, 98% PS	162
162837	3,5-Dinitrosalicylic Acid, 98% PS	163
162842	4-Bromoaniline, 98% PS	80
162855	1-Naphthol, 99% PS	281
163054	Ethylbenzene, 99% PS	176
163080	1-Methyl-2-Pyrrolidone, 99% PS	276
163101	Trichloromethane, 99,9% stabilized with ~50 ppm of amylene PS	452
163143	Cetyl Alcohol, 97% PS	115
163145	N,N-Dimethylacetamide, 99% PS	156
163242	n-Hexane 95% PS	207
163258	Trimethyl Borate azeotrope with methanol 70:30 PS	458
163266	1,1,2-Trichlorotrifluoroethane, 99,8% (E.U.) PS	455
163309	Acrylamide, 99% PS	29
163312	tert-Butyl Methyl Ether, 99,5% PS	97
163314	Sodium Borohydride, 96% PS	368
163317	Trifluoroacetic Acid, 99% PS	457
163325	Polyethylene Glycol 6000 powder PS	318
163385	D(+)-Limonene, 95% PS	246
163386	1-Octanol, 99% PS	293
163389	Nicotinic Acid, 99% PS	284
163410	White Spirit PS	468
163520	n-Octane, 99% PS	291
163537	Tetrahydrofuran, 99,5% stabilized with ~300 ppm of BHT PS	441
163541	1,2,4-Trichlorobenzene, 98,5% PS	450
163542	Triethylamine, 99,5% PS	456
163543	2-Ethylhexanoic Acid, 99% PS	181
163646	L-Proline, 99% PS	345
163648	Cobalt(II) Chloride anhydrous, 99% PS	125
163675	Dichloromethane, 99,8% stabilized with ~0,2% of ethanol PS	147
163712	Isopropyl Myristate, 98% PS	238
163851	2-Butanol, 99% PS	93
163857	Glutaraldehyde solution 25% PS	197
163925	Polyethylene Glycol 600 PS	317
163966	Lithium, 99% metal, sticks 1 cm diam. in vaseline oil PS	246
164202	Copper(I) Iodide, 99% PS	130
164333	Acetophenone, 98% PS	27
164343	1-Chlorobutane, 99% PS	119
164446	1,1,2,2-Tetrachloroethane, 98% PS	439
164462	n-Pentane 95% PS	300
164468	Ethylene Glycol di-Methyl Ether, 99% PS	180
164527	2,2,2-Trifluoroethanol PS	457
164541	Methyl Formate, 97% PS	272
164720	Benzyl Benzoate, 99% PS	72
164852	Phenol crystallized, 99% (detached crystals) PS	308
164887	Thioacetamide, 98% PS	442
165226	4-Chloro-3-Methylphenol, 99% PS	120
165261	Isohexane, 95% PS	235
165301	Cacodylic Acid Sodium Salt 3-hydrate, 98% PS	98
165306	Platinum(IV) Chloride anhydrous, 98% PS	317
165348	Propylene Carbonate, 99% PS	351
165521	Di-n-Butyl Ether, 99% PS	142
165599	Hexamethyldisilazane, 98% PS	205
165684	Lead, 98% metal, granules PS	242
165732	Propionitrile, 99% PS	351
165794	1-Hexanol, 98% PS	208
17 RE		
171023	Hydrochloric Acid 0,1 mol/l (0,1N) RE	217
171071	Baryta Water saturated solution RE	65
171072	Bromine Water saturated solution RE	79
171073	Lime Water saturated solution RE	245
171091	Methanol according to Karl Fischer RE	266
171183	Barium Chloride solution 10% w/v RE	63
171220	Sodium Hydroxide solution 40% w/w RE	385
171386	Hydrotimetric Liquor RE	222
171422	Mercury(II) Nitrate solution 2% w/v RE	262
171434	Magnesia Mixture RE	250
171457	Pyridine (max. 0,02% water) according to Karl Fischer RE	353
171460	Silver Nitrate solution 0,5% w/v RE	362
171462	Silver Nitrate solution 2% w/v RE	362
171507	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329
171516	Potassium Hydroxide solution 40% w/v RE	335
171543	Potassium Iodide solution 10% w/v RE	338
171569	Griess-Iosvay's A Reagent RE	200
171570	Griess-Iosvay's B Reagent RE	201
171581	Nessler's Reagent RE	282
171588	Schiff's Reagent RE	359
171659	Sodium Chloride ASTM B117-09 RE	372
171688	Sodium Hydroxide solution 10% w/v RE	386
171689	Sodium Hydroxide solution 20% w/v RE	386
171690	Sodium Hydroxide solution 30% w/v RE	386
171694	Sodium Hydroxide 0,1 mol/l (0,1N) RE	386
171747	Litmus soluble RE	249
172062	n-Heptane (ASTM) RE	203
172064	Isocetane (ASTM) RE	236
172174	Luff-Schoorl's Reagent RE	249
172308	Copper(II) Ethylenediamine Reagent RE	130
172417	o-Tolidine solution 0,1% RE	447
172429	Kjeldahl Catalyst (Cu-Se) powder RE	239

172926	Kjeldahl Catalyst (Cu-Se) (1,5% CuSO ₄ .5H ₂ O + 2% Se) tablets RE	239
173163	Sulphuric Acid 98% RE	433
173253	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
173333	Vanadate-Molybdate Reagent RE	464
173347	Kjeldahl Catalyst (Hg) tablets RE	240
173348	Kjeldahl Catalyst (Se) tablets RE	240
173349	Kjeldahl Catalyst (Cu-TiO ₂) tablets RE	240
173350	Kjeldahl Catalyst (Cu) (0,3% in CuSO ₄ .5H ₂ O) tablets RE	239
173355	Carrez's Reagent I RE	113
173356	Carrez's Reagent II RE	113
173495	Peracetic Acid solution 15% w/w RE	302
173609	Potassium Dichromate solution 10% RE	327
173655	Concentrated solution for the sand equivalent determination RE	127
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
174249	Rhodamine B in ethanol absolute, TLC developer RE	356
174255	Ninhydrin in 2-propanol, TLC developer RE	285
174256	2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE	145
174275	Silica Gel 60, 63-200 microns RE	360
174290	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
174428	Kjeldahl Catalyst (Cu) (6,25% in CuSO ₄ .5H ₂ O) tablets RE	239
174602	Resazurin tablets of 0,25 g RE	356
174748	Wide Spectrum Microtablets I RE	468
175054	Detergent Neutral Solution RE	140
175055	Detergent Acid Solution RE	140
175106	Ion Exchange Resin Strongly Acidic RE	229
175126	Mercury Absorbent RE	261
175145	OXI-OLEO-TEST RE	295
175154	WSCP Kit RE	468
175164	OXI-OLEO-TEST Refill RE	295
175166	WSCP Kit Refill RE	469
175208	Pepsin 1:10.000 NF RE	301
175305	Sodium Chloride solution ASTM B117-09 RE	372
175307	Buffer for Fungal Falling Number RE	87
175349	Molecular Sieve 3A (2 mm diameter particle) RE	278
175350	Molecular Sieve 4A RE	278
175351	Molecular Sieve 5A (2 mm diameter particle) RE	279
175352	Molecular Sieve 10A (2 mm diameter particle) RE	279
175387	Wide Spectrum Microtablets II RE	468
175429	Ammonium Acetate 1M buffered to pH=7, extractant solution RE	44
175506	Sodium Plumbite solution (Doctor solution) RE	396
175567	Hydrochloric Acid 10 g/l RE	216
175570	Kjeldahl Catalyst (Cu-Se) (9% CuSO ₄ .5H ₂ O + 0,9% Se) tablets RE	240
175630	Patent Blue V solution 0,5% w/v RE	298
175631	Tartrazine solution 0,5 % w/v RE	437
175639	Kjeldahl Catalyst (Cu) (9% in CuSO ₄ .5H ₂ O) tablets RE	239
175677	Mercury Spillage Kit RE	263
175723	Patent Blue V solution 5% w/v RE	298
175772	Celite Hyflo Super Cel® RE	113
176131	Azidiol RE	62
176166	Lanthanum Matrix Modifier RE	259
176167	Buffer Solution Aluminium Nitrate/ Cesium Chloride RE	87
176168	Buffer Solution Cesium Chloride/ Lanthanum Chloride RE	87
176169	Phosphate Matrix Modifier RE	259
176170	Magnesium Matrix Modifier RE	259
176191	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
176408	Liquid Pepsin RE	301
176418	Reagent of heavy metals A RE	355
176448	Silica Gel 60, *40-63 microns RE	360
176457	Formol Absorbent RE	192
18 SV		
181009	Acetic Acid 1 mol/l (1N) SV	21
181011	Acetic Acid 0,1 mol/l (0,1N) SV	21
181021	Hydrochloric Acid 1 mol/l (1N) SV	217
181022	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217
181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
181039	Nitric Acid 1 mol/l (1N) SV	288
181040	Nitric Acid 0,1 mol/l (0,1N) SV	288
181042	Oxalic Acid 0,5 mol/l (1N) SV	295
181043	Oxalic Acid 0,05 mol/l (0,1N) SV	295
181046	Perchloric Acid 0,1 mol/l (0,1N) n acetic acid SV	304
181047	Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV	304
181059	Sulphuric Acid 0,5 mol/l (1N) SV	434
181060	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
181061	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
181132	Ammonia 1 mol/l (1N) SV	43
181144	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54
181152	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366
181184	Barium Chloride 0,1 mol/l (0,1M) SV	64

181249	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114
181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
181367	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
181424	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262
181425	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262
181464	Silver Nitrate 0,1 mol/l (0,1N) SV	362
181465	Silver Nitrate 0,02 mol/l (0,02N) SV	362
181488	Potassium Bromate 1/60 mol/l (0,1N) SV	321
181501	Potassium Dichromate 1/6 mol/l (1N) SV	328
181502	Potassium Dichromate 1/60 mol/l (0,1N) SV	327
181504	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330
181517	Potassium Hydroxide 1 mol/l (1N) SV	336
181518	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336
181519	Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV	336
181520	Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV	336
181521	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335
181528	Potassium Permanganate 0,2 mol/l (1N) SV	342
181529	Potassium Permanganate 0,02 mol/l (0,1N) SV	341
181535	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337
181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338
181584	Sodium Hydroxide 0,04 mol/l (0,04N) SV	386
181649	Sodium Carbonate 0,5 mol/l (1N) SV	370
181661	Sodium Chloride 0,1 mol/l (0,1N) SV	372
181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178
181691	Sodium Hydroxide 1 mol/l (1N) SV	387
181692	Sodium Hydroxide 0,5 mol/l (0,5N) SV	387
181693	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
181694	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
181722	Sodium Thiosulphate 1 mol/l (1N) SV	402
181723	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
181772	Iodine 0,05 mol/l (0,1N) SV	228
181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
181969	Iodine 0,01 mol/l (0,02N) SV	228
182000	Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV	79
182011	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
182057	Hydrochloric Acid 3 mol/l (3N) SV	218
182102	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
182103	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
182105	Sulphuric Acid 1 mol/l (2N) SV	435
182106	Sulphuric Acid 2,5 mol/l (5N) SV	435
182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
182108	Hydrochloric Acid 2 mol/l (2N) SV	217
182109	Hydrochloric Acid 5 mol/l (5N) SV	218
182111	Nitric Acid 0,5 mol/l (0,5N) SV	288
182112	Nitric Acid 2 mol/l (2N) SV	288
182114	Potassium Permanganate 0,01 mol/l (0,05N) SV	341
182115	Silver Nitrate 0,05 mol/l (0,05N) SV	363
182116	Silver Nitrate 1 mol/l (1N) SV	363
182118	Acetic Acid 0,5 mol/l (0,5N) SV	21
182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
182123	Oxalic Acid 0,025 mol/l (0,05N) SV	294
182126	Ammonium Thiocyanate 1 mol/l (1N) SV	55
182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
182136	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114
182138	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262
182142	Potassium Dichromate 1/24 mol/l (0,25N) SV	328
182145	Potassium Hydroxide 2 mol/l (2N) SV	336
182146	Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	335
182147	Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV	335
182153	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386
182155	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387
182156	Sodium Hydroxide 0,3546 mol/l (N/2,82) SV	387
182158	Sodium Hydroxide 2 mol/l (2N) SV	388
182159	Sodium Hydroxide 5 mol/l (5N) SV	388
182160	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
182161	Iodine 0,025 mol/l (0,05N) SV	228
182162	Iodine 0,5 mol/l (1N) SV	228
182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
182251	Potassium Chloride 0,1 mol/l (0,1N) SV	324
182252	Potassium Chloride 1 mol/l (1N) SV	324
182256	Potassium Iodide 1 mol/l (1N) SV	338
182265	Sodium Hydroxide 1 mol/l (1N) ethanolic SV	388
182284	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387
182292	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
182296	Sodium Hydroxide 0,025 mol/l (0,025N) SV	386
182318	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217

182415	Sodium Hydroxide 1 mol/l (1N) SV	388
182564	Silver Nitrate 0,01 mol/l (0,01N) SV	362
182577	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
182651	Potassium Permanganate 0,1 mol/l (0,5N) SV	341
182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337
182884	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217
182914	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
182915	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228
182971	Sodium Hydroxide 0,2 mol/l (0,2N) SV	387
183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
183335	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
183336	Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV	335
183337	Sodium Hydroxide 0,313 mol/l (0,313N) SV	387
183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
183397	Sodium Hydroxide 0,02 mol/l (0,02N) SV	386
183466	Sodium Hydroxide 4 mol/l (4N) SV	388
183489	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
183669	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438
183706	Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV	365
183878	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217
183879	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218
184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
184438	Potassium Hydroxide 1 mol/l (1N) ethanolic SV	336
184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
184770	Sodium Chloride 1 mol/l (1N) SV	372
185225	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
185310	Perchloric Acid 1 mol/l (1N) SV	304
185314	Sulphuric Acid 4 mol/l (8N) SV	435
185423	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217
185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
186364	Sulphuric Acid 5 mol/l (10N) SV	435
19 CODEX		
191066	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437
191086	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
191101	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36
191170	Methylene Blue (C.I. 52015) (USP) CODEX	271
191232	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
191302	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP, Ph. Eur.) CODEX	461
191303	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445
191318	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
191394	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251
191396	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251
191403	Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX	195
191410	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
191486	Potassium Hydrogen Tartrate *(USP) CODEX	334
191490	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323
191494	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324
191716	Sodium Sulphate anhydrous *(RFE, USP, BP, Ph. Eur.) CODEX	399
191717	Sodium Sulphate anhydrous (RFE, BP, Ph. Eur.) CODEX	400
191750	Triethanolamine (BP, Ph. Eur.) CODEX	456
191754	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
191786	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475
191931	Iodine solution -7% in ethanol 85% (USP) CODEX	227
191932	Iodine solution -2% in ethanol 50% (USP) CODEX	227
191937	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142
191954	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161
191959	Alykylbenzylidimethylammonium Chloride (USP-NF) CODEX	33

192372	Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX	152
192695	Ethanol 70% v/v (BP) CODEX	173
192756	Sodium Selenite anhydrous (BP) CODEX	397
192770	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	151
192786	Octanoic Acid (RFE, BP, Ph. Eur.) CODEX	292
196454	Sodium Caprylate *(Ph. Eur., BP) CODEX	369
20 ADITIO		
201003	Vaseline Oil (F.C.C.) ADITIO	465
201007	Acetone (F.C.C.) ADITIO	24
201008	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20
201013	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61
201014	Benzoic Acid (E-210, F.C.C.) ADITIO	69
201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125
201020	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214
201029	Formic Acid 85% (F.C.C.) ADITIO	192
201030	Formic Acid 98% (F.C.C.) ADITIO	192
201032	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
201034	L(+)-Lactic Acid (F.C.C.) ADITIO	240
201055	Sorbic Acid (E-200, F.C.C.) ADITIO	403
201058	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
201065	Tannic Acid (F.C.C.) ADITIO	436
201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437
201076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221
201081	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72
201082	1-Butanol (F.C.C.) ADITIO	93
201085	Ethanol 96% v/v (F.C.C.) ADITIO	172
201086	Ethanol absolute (F.C.C.) ADITIO	171
201089	Isobutanol (F.C.C.) ADITIO	233
201090	2-Propanol (F.C.C.) ADITIO	349
201091	Methanol (F.C.C.) ADITIO	266
201103	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36
201116	Ammonium Hydrogen Carbonate (E-503i, F.C.C.) ADITIO	48
201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45
201121	Ammonium Chloride (F.C.C.) ADITIO	46
201126	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49
201127	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48
201129	Ammonia 25% (as NH ₃) ADITIO	41
201130	Ammonia 30% (as NH ₃) (E-527, F.C.C.) ADITIO	41
201140	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53
201202	n-Butyl Acetate (F.C.C.) ADITIO	95
201211	Calcium Acetate x-hydrate (E-263, F.C.C.) ADITIO	101
201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103
201213	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO	104
201214	Calcium Chloride 6-hydrate (E-509) ADITIO	104
201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	102
201226	Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO	105
201227	Calcium Hydrogen Phosphate anhydrous (E-341iii, F.C.C.) ADITIO	105
201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107
201230	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106
201232	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104
201235	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108
201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115
201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
201276	Magnesium Oxide (F.C.C.) ADITIO	253
201303	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
201318	Ethyl Acetate (F.C.C.) ADITIO	175
201319	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181
201339	Glycerol (E-422, F.C.C.) ADITIO	198
201340	Glycine (E-640, F.C.C.) ADITIO	200
201341	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196
201362	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232
201375	Lactose 1-hydrate (F.C.C.) ADITIO	241
201395	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252
201396	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252
201399	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254
201404	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254
201410	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257
201413	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259

201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94	201927	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252	21 QP		
201479	Potassium Acetate (E-261) ADITIO	320	201962	Propyl Gallate (E-310, F.C.C.) ADITIO	351	211007	Acetone QP	24
201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330	201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382	211008	Acetic Acid glacial QP	21
201486	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334	202028	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50	211020	Hydrochloric Acid 37% QP	214
201487	Potassium Bromate (F.C.C.) ADITIO	321	202029	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254	211032	ortho-Phosphoric Acid 85% QP	314
201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323	202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370	211058	Sulphuric Acid 96% QP	433
201492	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326	202034	L-Aspartic Acid (F.C.C.) ADITIO	61	211066	L(+)-Tartaric Acid QP	437
201494	Potassium Chloride (E-508, F.C.C.) ADITIO	324	202042	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197	211077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized QP	220
201505	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329	202043	L-Alanine (F.C.C.) ADITIO	31	211087	Aluminium Potassium Sulphate dry, powder QP	36
201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332	202046	L-Leucine (F.C.C.) ADITIO	245	211090	2-Propanol QP	350
201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331	202047	L-Phenylalanine (F.C.C.) ADITIO	310	211129	Ammonia 25% (as NH3) QP	41
201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342	202048	Vanillin (F.C.C.) ADITIO	465	211142	Ammonium Sulphite 1-hydrate QP	54
201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335	202050	Tween® 80 (E-433) ADITIO	462	211149	Aluminium Silicate QP	36
201522	Potassium Disulphite (E-224, F.C.C.) ADITIO	328	202051	DL-Malic Acid (E-296, F.C.C.) ADITIO	256	211153	Chromium(VI) Oxide QP	123
201524	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339	202060	Gelatine 80-100 Blooms ADITIO	195	211158	Antimony(III) Oxide QP	57
201531	Potassium Sorbate (E-202, F.C.C.) ADITIO	343	202061	Arabic Gum powder (E-414, F.C.C.) ADITIO	59	211160	Sea Sand washed, thin grain QP	359
201532	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344	202067	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259	211161	Sea Sand washed, thick grain QP	359
201540	Potassium Iodate (F.C.C.) ADITIO	337	202101	Titanium(IV) Oxide (E-171, F.C.C.) ADITIO	446	211211	Calcium Acetate x-hydrate QP	101
201542	Potassium Iodide (F.C.C.) ADITIO	338	202312	Tween® 20 (E-432) ADITIO	462	211212	Calcium Carbonate precipitated QP	103
201545	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346	202333	di-Potassium Hydrogen Phosphate 3-hydrate (E-340ii, F.C.C.) ADITIO	332	211221	Calcium Chloride anhydrous QP	103
201632	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365	202342	Adipic Acid (E-355, F.C.C.) ADITIO	30	211229	Calcium Hydroxide native, powder QP	106
201633	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364	202344	Fumaric Acid (E-297, F.C.C.) ADITIO	193	211234	Calcium Oxide natural, pieces QP	107
201637	Sodium Benzoate (E-211, F.C.C.) ADITIO	366	202345	Palmitic Acid (E-570, F.C.C.) ADITIO	296	211237	Charcoal Activated powder QP	115
201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379	202357	Benzoyl Peroxide humidified with -25% of H ₂ O (F.C.C.) ADITIO	71	211238	Charcoal Activated granulated n° 1 QP	115
201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370	202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376	211239	Charcoal Activated granulated n° 2 QP	115
201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369	202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106	211240	Charcoal Activated granulated n° 3 QP	115
201654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO	379	202416	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112	211241	Charcoal Animal powder QP	115
201655	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373	202422	DL-Aspartic Acid (F.C.C.) ADITIO	61	211243	Charcoal Vegetal powder QP	116
201656	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374	202475	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361	211250	Cyclohexane QP	135
201659	Sodium Chloride (F.C.C.) ADITIO	372	202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381	211252	Trichloromethane stabilized with ethanol QP	454
201665	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378	202512	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	438	211254	Dichloromethane stabilized with amylene QP	147
201669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178	202515	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	427	211276	Magnesium Oxide QP	253
201677	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO	383	202695	Ethanol 70% v/v ADITIO	173	211278	Collodion oxide 4-8% QP	127
201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381	202728	D(-)-Fructose (F.C.C.) ADITIO	193	211279	Collodion flexible QP	127
201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380	202786	Octanoic Acid (E-570, F.C.C.) ADITIO	292	211302	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol QP	461
201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395	202824	Calcium Chloride solution 45% w/w (as CaCl ₂ .2H ₂ O) (E-509, F.C.C.) ADITIO	104	211328	Formaldehyde 35-40% w/v stabilized with methanol QP	190
201683	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378	202825	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142	211335	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396	202880	L-Isoleucine (F.C.C.) ADITIO	235	211339	Glycerol QP	199
201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384	202882	L-Methionine (F.C.C.) ADITIO	267	211359	Iron(III) Chloride 30% aqueous solution QP	230
201698	Sodium Disulphite (E-223, F.C.C.) ADITIO	375	202912	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50	211376	Glass Wool washed QP	196
201702	Sodium Nitrate (E-251, F.C.C.) ADITIO	392	203064	D(-)-Sorbitol (E-420i, F.C.C.) ADITIO	405	211395	Magnesium Hydroxide Carbonate 5-hydrate QP	253
201703	Sodium Nitrite (E-250, F.C.C.) ADITIO	392	203140	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197	211396	Magnesium Chloride 6-hydrate QP	252
201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383	203209	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297	211408	Manganese(IV) Oxide QP	258
201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397	203238	Calcium Propionate (E-282, F.C.C.) ADITIO	107	211490	Potassium Carbonate QP	323
201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396	203290	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105	211494	Potassium Chloride QP	324
201715	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399	203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391	211511	Paraformaldehyde tablets ~1g QP	298
201716	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399	203332	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272	211514	Silicone Hydroxide 90% flakes QP	335
201717	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400	203385	D(+)-Limonene (F.C.C.) ADITIO	246	211571	Sodium Hydroxide solution 50% w/v QP	385
201719	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401	203464	L-Arginine (F.C.C.) ADITIO	59	211628	Silicone antifoaming liquid (ORG) QP	361
201721	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402	203646	L-Cystine (E-921, F.C.C.) ADITIO	137	211629	Silicone heat resistant liquid QP	361
201729	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343	203865	L-Proline (F.C.C.) ADITIO	345	211630	Silicone paste A QP	361
201733	Talc washed (E-553b, F.C.C.) ADITIO	436	203922	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112	211631	Silicone paste B QP	361
201786	Zinc Oxide (F.C.C.) ADITIO	475	203977	D(+)-Biotin (F.C.C.) ADITIO	73	211632	Sodium Acetate 3-hydrate QP	365
201787	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476	204233	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96	211642	Sodium Hydrogen Sulphite solution 40% w/v QP	383
201788	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476	204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342	211659	Sodium Chloride QP	372
201792	Agar (E-406, F.C.C.) ADITIO	31	204333	Acetophenone (F.C.C.) ADITIO	29	211679	di-Sodium Hydrogen Phosphate anhydrous QP	380
201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124	204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102	211682	Sodium Sulphite x-hydrate QP	399
201810	Propionic Acid (E-280, F.C.C.) ADITIO	350	204441	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112	211685	Sodium Dithionite QP	376
201818	Calcium Stearate (E-470a, F.C.C.) ADITIO	108	204621	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297	211686	Sodium Hydroxide flakes QP	384
201855	Potassium Nitrite (E-249, F.C.C.) ADITIO	339	204644	DL- α -Tocopherol (E-307, F.C.C.) ADITIO	446	211687	Sodium Hydroxide pellets QP	384
201877	1-Dodecanol (F.C.C.) ADITIO	166	204764	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250	211700	Sodium meta-Periodate QP	394
201883	Succinic Acid (E-363, F.C.C.) ADITIO	428	204954	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103	211714	Sodium Silicate neutral solution QP	398
201922	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199	205044	L-Valine (F.C.C.) ADITIO	464	211745	Toluene QP	448
			205522	Sodium Stearate (E-470a) ADITIO	398	211757	Vaseline Soft QP	466
			206075	Polysorbate 80 (E-433) ADITIO	319	211769	Xylene, mixture of isomers QP	470
			206076	Polysorbate 20 (E-432) ADITIO	318	211777	Zinc Hydroxide Carbonate QP	474
			206158	Polysorbate 40 (E-434) ADITIO	319	211794	Magnesium Chloride -50% MgCl ₂ powder QP	252
			206159	Polysorbate 60 (E-435) ADITIO	319	211818	Calcium Stearate QP	108
			206160	Polysorbate 65 (E-436) ADITIO	319	211835	Pumice Stone granules QP	352
			206392	Urea pearls, (E-927b, F.C.C.) ADITIO	464	211841	Magnesium metal, ribbon QP	250
			206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339	211890	Cyclohexanone QP	136
			20B216	Folic Acid (F.C.C.) ADITIO	189	211895	Zinc Stearate QP	475
						211921	Sodium Hypochlorite solution 10% w/v QP	389
						211934	Iron metal, fine granulated QP	229
						211935	Iron metal, thick granulated QP	229
						211939	Sodium Chloride coarse salt QP	372
						211959	Alkylbenzylidimethylammonium Chloride QP	33
						212012	Sodium Hexafluorosilicate QP	378
						212029	Magnesium Stearate QP	254
						212085	Eucalyptol QP	182
						212101	Titanium(IV) Oxide QP	446
						212236	Water Deionized QP	467
						212297	Sodium Hypochlorite solution 5% w/v QP	389
						212316	Brj® 35 QP	78
						212375	Iron(III) Oxide QP	231
						212475	Siliceous Earth purified and calcined QP	361
						212486	Magnesium Sulphate anhydrous QP	254

212520	General Absorbent QP	195
212646	Copper(II) Pyrophosphate x-hydrate QP	131
212722	Antimony metal, pieces QP	57
212724	Bismuth(III) Oxide QP	75
212770	Diethyl Ether stabilized with ~6 ppm of BHT QP	151
212778	Soda Lime with indicator QP	364
212800	Ethanol 96% v/v partially denatured QP	173
212801	Ethanol absolute partially denatured QP	171
212805	Sweet Almonds Oil QP	435
212921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
213041	Zinc Sulphide QP	477
213070	Hydrofluoric Acid 40% QP	220
213168	Iodine crude QP	227
213206	Paraffin M.P. ~42-44°C pieces QP	296
213255	Nitric Acid 65% QP	288
213648	Cobalt(II) Chloride anhydrous QP	125
213973	Ethanol 96% v/v totally denatured QP	173
214632	Embalming Mixture QP	167
215286	Petroleum Ether 190-250°C QP	307
215295	Iron(II) Sulphate ~1-hydrate QP	231
215501	Bismuth metal, needles QP	74
215756	Potassium Hexafluorophosphate QP	330
216241	Silicone antifoaming liquid (AQ) QP	361
22 PAI (HPLC-gradient)		
221074	Water (HPLC-gradient grade) PAI	466
221086	Ethanol absolute (HPLC-gradient grade) PAI	169
221090	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348
221091	Methanol (HPLC-gradient grade) PAI-ACS	264
221881	Acetonitrile (HPLC-gradient grade) PAI-ACS	25
24 EQP-ACS-ISO		
241014	Benzoic Acid EQP	69
241151	Arsenic(III) Oxide EQP-ACS	60
241459	Silver Nitrate EQP-ACS-ISO	362
241481	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
241487	Potassium Bromate EQP-ACS-ISO	321
241494	Potassium Chloride EQP-ACS-ISO	323
241500	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
241540	Potassium Iodate EQP-ACS-ISO	337
241648	Sodium Carbonate anhydrous EQP-ACS-ISO	369
241659	Sodium Chloride EQP-ACS-ISO	371
241706	di-Sodium Oxalate EQP-ACS	393
241719	Sodium Tartrate 2-hydrate EQP-ACS	400
241786	Zinc Oxide EQP-ACS	474
241940	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
242697	Potassium Hydrogen Diiodate EQP-ACS	330
25 DC		
251001	Cedar Wood Oil DC	113
251002	Immersion Oil DC	225
251008	Acetic Acid glacial DC	21
251049	Picric Acid saturated solution DC	316
251063	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
251084	Ethanol-Diethyl Ether 1:1 DC	174
251085	Ethanol 96% v/v DC	173
251086	Ethanol absolute DC	171
251162	Auramine O (C.I. 41000) DC	61
251165	Bromophenol Blue DC	86
251167	Bromothymol Blue DC	86
251169	Brilliant Cresyl Blue (C.I. 51010) DC	78
251170	Methylene Blue (C.I. 52015) DC	271
251171	Methylene Blue Alkali DC	271
251172	Methylene Blue Phenicated DC	272
251176	Toluidine Blue O (C.I. 52040) DC	449
251177	Victoria Blue B (C.I. 44045) DC	466
251178	Azur II (C.I. 52010+52015) DC	62
251179	Canada Balsam DC	109
251193	Gum Benzoin tincture solution 1:10 DC	201
251246	Indigo Carmine (C.I. 73015) DC	226
251283	Creatinine DC	132
251299	Eosin Yellowish (C.I. 45380) DC	168
251301	Eosin Yellowish hydroalcoholic solution 1% DC	168
251324	Orcein DC	293
251331	Fuchsin Acid (C.I. 42685) DC	193
251332	Fuchsin Basic (C.I. 42510) DC	193
251333	Fuchsin Basic-Carbol solution according to Ziehl DC	193
251336	Gelatine Gold DC	195
251337	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
251338	Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC	62
251344	Hematoxylin (C.I. 75290) DC	201
251355	Sodium Citrate solution 3,8% DC	374
251377	Eosin-Methylene Blue dye according to Leishman DC	167
251378	Eosin-Methylene Blue solution according to Leishman DC	167
251389	Hayem's Liquor DC	201
251390	Türk's Liquor DC	461

251415	Eosin-Methylene Blue dye according to May Grünwald DC	167
251416	Eosin-Methylene Blue solution according to May Grünwald DC	167
251550	Benedict's Reagent qualitative DC	66
251551	Benedict's Reagent quantitative DC	66
251560	Esbach's Reagent DC	169
251563	Fehling's A Reagent DC	183
251564	Fehling's B Reagent DC	183
251565	Folin's A Reagent cuprotartric DC	189
251566	Folin's B Reagent phosphotungstic-molybdic DC	189
251567	Folin-Ciocalteu's Reagent DC	189
251568	Folin-Denis' Reagent DC	190
251579	Meyer's Reagent DC	278
251580	Millon's Reagent DC	278
251585	Pandy's Reagent DC	296
251588	Schiff's Reagent DC	359
251589	Schlesinger's Reagent DC	359
251591	Resazurin DC	355
251604	Rhodamine B (C.I. 45170) DC	356
251611	Congo Red (C.I. 22120) DC	128
251618	Methyl Red solution 0,1% DC	276
251619	Neutral Red (C.I. 50040) DC	282
251622	Safranin O (C.I. 50240) DC	357
251623	Safranin O solution 0,2% DC	358
251704	Methyl Green (C.I. 42585) DC	272
251707	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
251731	Sudan III (C.I. 26100) DC	429
251734	Tartrazine (C.I. 19140) DC	437
251742	Thionin (C.I. 52000) DC	442
251758	Brilliant Green (C.I. 42040) DC	78
251761	Malachite Oxalate Green (C.I. 42000) DC	255
251762	Crystal Violet (C.I. 42555) DC	133
251763	Crystal Violet solution 2% DC	133
251765	Gentian Violet (C.I. 42535+42555) DC	195
251766	Gentian Violet Phenique DC	195
251767	Eosin-Methylene Blue dye according to Wright DC	168
251768	Eosin-Methylene Blue solution according to Wright DC	168
251769	Xylene, mixture of isomers DC	470
251774	Lugol's Liquor DC	249
251803	Alcohol-Acetone 7:3 DC	32
251804	Alcohol-Hydrochloric 8:2 DC	32
251814	Orange II (C.I. 15510) DC	293
251820	Bluret's Reagent DC	75
251824	Carmin (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
251837	Lactophenol DC	241
251858	Sudan IV (C.I. 26105) DC	429
251917	Carnoy's Fixing DC	113
251993	Orcein solution A hydroacetic-hydrochloric solution DC	293
251994	Orcein solution B hydroacetic solution DC	294
252036	Amido Black 10B (C.I. 20470) DC	37
252069	Sudan Black B (C.I. 26150) DC	429
252079	Methyl Violet (C.I. 42535) DC	277
252081	Phloxine B (C.I. 45410) DC	313
252138	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
252164	Buffer Solution pH 7,2 DC	91
252195	Copper(II) Sulphate solution d.1,050 DC	131
252311	o-Toluidine solution 6% DC	449
252317	Brij @ 35 aqueous solution 30% w/v DC	78
252321	Acridine Orange (C.I. 46005) DC	29
252339	Brilliant Green aqueous solution 5% DC	78
252373	Trichloroacetic Acid solution 20% w/v DC	450
252419	Azur C (C.I. 52002) DC	62
252531	Safranin O solution according to Gram-Hucker DC	358
252532	Crystal Violet Oxalate solution according to Gram-Hucker DC	133
252533	Safranin O solution 1% DC	358
252782	Eosin Bluish (C.I. 45400) DC	167
252908	Kovacs' Reagent DC	240
252913	Paraffin M.P. 56-58°C plasticized pellets DC	297
252931	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
252974	Gill's Hematoxylin I solution DC	196
252998	Gill's Hematoxylin II solution DC	196
252999	Gill's Hematoxylin III solution DC	196
253139	Citrosol (Substitute of Xylene) DC	125
253203	Fehling's Reagent Composite DC	183
253209	Paraffin M.P. 51-53°C pellets DC	297
253211	Paraffin M.P. 56-58°C pellets DC	297
253295	Copper(II) Sulphate solution d.1,055 DC	132
253296	Copper(II) Sulphate solution d.1,053 DC	132
253453	Hematoxylin solution A according to Weigert DC	202
253454	Hematoxylin solution B according to Weigert DC	202
253500	Fixing B-5 DC	184
253524	Light Green solution 0,1% DC	245
253535	Toluidine Blue O solution 1% DC	449
253572	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
253594	Papanicolaou's Solution EA 50 DC	296
253625	Van Gieson II solution DC	465

253681	Eukitt ®, mounting medium DC	182
253708	Aniline Blue WS (C.I. 42755) DC	56
253724	Lactophenol Blue solution DC	241
253857	Glutaraldehyde solution 25% DC	198
253892	Papanicolaou's Solution OG 6 DC	296
253893	Rose Bengal (C.I. 45440) DC	357
253934	Bismarck Brown R (C.I. 21010) DC	74
253935	Bismarck Brown Y (C.I. 21000) DC	74
253949	Harris Hematoxylin solution DC	201
253982	Erythrosin B (C.I. 45430) DC	169
253983	Ponceau S (C.I. 27195) DC	320
253986	Biebrich Scarlet (C.I. 26905) DC	73
253987	Lissamine Green B (C.I. 44090) DC	246
253998	Blue for fast staining (Panoptic No. 3) DC	75
253999	Eosin for fast staining (Panoptic No. 2) DC	167
254101	Fixing for fast staining (Panoptic No. 1) DC	184
254102	Bouin Liquor DC	78
254354	Carminic Acid (C.I. 75470) DC	113
254367	Brilliant Blue FCF (C.I. 42090) DC	78
254419	Nigrosin water soluble (C.I. 50420) DC	284
254561	Immersion Oil purified DC	226
254584	Alcian Blue 8 GX (C.I. 74240) DC	32
254615	Pararosaniline base (C.I. 42500) DC	298
254667	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297
254766	Mayer's Hematoxylin solution DC	259
254807	Kit for Fast Staining in Haematology (Fast Panoptic) DC	239
254832	Voges Proskauer B Reagent DC	466
254833	Voges Proskauer A Reagent DC	466
254884	Kit for Staining Gram-Hucker DC	239
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254968	Nile Blue A Chloride (C.I. 51180) DC	284
254990	Zenker's Fixing DC	473
255069	Isoparaffin H (Substitute of Xylene) DC	237
255075	Azur B (C.I. 52010) DC	62
255115	Retiulin Kit DC	356
255254	DPX, mounting medium fast (toluene base) DC	166
255281	Fixative Reagent DC	184
255298	Carazzi's Hematoxylin solution DC	109
255486	Evans Blue (C.I. 23860) DC	182
255598	Histofluorid ®, mounting medium DC	210
255668	Fast Green FCF (C.I. 42053) DC	183
255793	Osmium(VIII) Oxide solution 4% DC	294
255803	Paraffin M.P. 52°C plasticized pellets DC	297
255805	Histofix® Substitute of Formaldehyde DC	210
255811	Mounting Medium for substitutes of xylene DC	280
256065	Vitrosec ® dehydrating DC	466
256155	DPX, mounting medium slow DC	166
256237	Histofix® decalcifier 3 DC	210
256238	Histofix® decalcifier 2 DC	210
256239	Histofix® decalcifier 1 DC	209
256284	Histofix® marrow decalcifier DC	210
256462	Histofix ® Preservative ready to use DC	209
256700	Histofix ® Spray fixative DC	210
256876	Cleaner Paraffin DC	296
256879	Eosin Yellowish alcoholic solution 1% DC	168
PPPLAST	Paraplast®Paraffin M.P. 56-58°C pellets	297
PPPLUS	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
PPXTRA	Paraplast X-Tra®Paraffin M.P. 52°C pellets	297
26 PAI (HPLC-preparative)		
261090	2-Propanol (HPLC-preparative) PAI	348
261091	Methanol (HPLC-preparative) PAI	265
261881	Acetonitrile (HPLC-preparative) PAI	25
27 ST		
272168	Buffer Solution pH 4,00 ±0,02 (20°C) ST	89
272170	Buffer Solution pH 7,00 ±0,02 (20°C) ST	89
272172	Buffer Solution pH 9,00 ±0,02 (20°C) ST	90
272537	Buffer Solution pH 3,00 ±0,02 (20°C) ST	88
272549	Buffer Solution pH 6,00 ±0,02 (20°C) ST	89
272580	Buffer Solution pH 1,00 ±0,02 (20°C) ST	88
272581	Buffer Solution pH 2,00 ±0,02 (20°C) ST	88
272582	Buffer Solution pH 5,00 ±0,02 (20°C) ST	89
272583	Buffer Solution pH 8,00 ±0,02 (20°C) ST	90
272584	Buffer Solution pH 10,00 ±0,05 (20°C) ST	90
272585	Buffer Solution pH 11,00 ±0,05 (20°C) ST	91
272586	Buffer Solution pH 12,00 ±0,05 (20°C) ST	91
272587	Buffer Solution pH 13,00 ±0,05 (20°C) ST	91
273107	Buffer Solution pH 9,23 ±0,02 (20°C) ST	90
273108	Buffer Solution pH 7,02 ±0,02 (20°C) ST	90
273301	Buffer Solution pH 7,40 ±0,02 (20°C) ST	91
273302	Buffer Solution pH 7,60 ±0,02 (20°C) ST	91
273526	TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST	445
273531	TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST	445
273616	Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST	89

273617	Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST	89
273618	Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST	90
274765	TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST	445
275210	TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST	445
275211	TISAB B (F.C.C.) in food analysis ST	445
28 RV		
281095	Alizarin solution 0,1% RV	32
281109	Methyl Yellow solution 0,5% RV	278
281166	Bromophenol Blue solution 0,04% RV	86
281168	Bromothymol Blue solution 0,04% RV	86
281175	Thymol Blue solution 0,04% RV	444
281280	Complexon-Magnesium 0,1 mol/l RV	127
281298	Indicator Solvent RV	226
281326	Phenolphthalein solution 0,2% RV	309
281327	Phenolphthalein solution 1% RV	309
281366	Alum Iron Ammonium saturated solution RV	37
281370	Universal Indicator of pH, solution RV	313
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
281384	Acidimetric Liquor titrated RV	29
281385	Empiric Liquor titrated RV	167
281432	Methyl Orange solution 0,1% RV	273
281433	Methyl Orange solution 0,04% RV	273
281437	Murexide 1% in Sodium Chloride RV	280
281440	Eriochrome Black T solution 1% RV	168
281463	Silver Nitrate volumetric solution 2,9067% RV	362
281495	Potassium Chloride saturated solution RV	324
281498	Potassium Chromate solution 5% w/v RV	325
281499	Potassium Chromate solution 10% w/v RV	325
281547	Bromocresol Purple solution 0,04% RV	82
281572	Hanus Reagent 0,1 mol/l (0,2N) RV	201
281574	Karl Fischer's Reagent Composite RV	238
281590	Wijs' Reagent 0,1 mol/l (0,2N) RV	468
281614	Cresol Red solution 0,04% RV	133
281616	Phenol Red solution 0,02% RV	309
281618	Methyl Red solution 0,1% RV	276
281620	Neutral Red solution 0,1% RV	282
281634	Sodium Acetate 1 mol/l (1M) RV	365
281730	Buffer Solution pH 10 RV	87
281740	Thymolphthalein solution 0,1% RV	444
281748	Litmus stain RV	249
281760	Bromocresol Green solution 0,04% RV	82
281764	Crystal Violet solution 0,5% in acetic acid RV	133
281956	Formamide AQUAMETRIC KF dry RV	191
282222	Boric Acid solution 4% RV	77
282268	Potassium Nitrate 1 mol/l RV	339
282298	Sodium Acetate 0,1 mol/l (0,1M) RV	365
282420	Karl Fischer's Reagent Solution A RV	239
282421	Karl Fischer's Reagent Solution B RV	239
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
282775	Potassium Chloride 3 mol/l RV	324
282861	Bromocresol Purple solution 0,025% RV	82
282922	Silver Sulphate solution 6,6 g/l in sulphuric acid RV	363
282923	Potassium Chloride 3 mol/l + Silver Chloride RV	324
282928	Boric Acid solution 3% RV	77
283098	Silver Sulphate solution 10 g/l in sulphuric acid RV	363
283146	Starch solution 1% RV	426
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
283334	Ammonia Fixative Solution 1% RV	43
283357	Bromocresol Purple 0,2% tablets 0,1g RV	82
283462	Ferroun solution 0,025 mol/l (0,025M) RV	183
284289	Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV	263
284291	Silver Sulphate solution 80 g/l in sulphuric acid RV	364
285249	Lithium Chloride 1 mol/l in glacial acetic acid RV	248
285250	Lithium Chloride 1 mol/l in ethanol RV	248
285251	Diaphragms Cleaning Solution RV	141
285252	Protein Cleaning Solution RV	351
285253	Electrode-Reactivating Solution RV	166
285316	Aluminium Sulphate 0,9 mol/l RV	36
285406	Indicator Buffer Tablets RV	226
285812	AQUAMETRIC Composite 5 RV	58
285813	AQUAMETRIC Composite 2RV	58
285814	AQUAMETRIC Composite 5K RV	58
285815	AQUAMETRIC Titrant 5 RV	59
285816	AQUAMETRIC Titrant 2 RV	58
285817	AQUAMETRIC Solvent RV	58
285818	AQUAMETRIC Solvent Oil RV	58
285819	AQUAMETRIC Solvent CM RV	58
285820	AQUAMETRIC Buffer RV	57
285821	AQUAMETRIC Working Medium RV	59
285831	Potassium di-Hydrogen Phosphate 1/15 mol/l (1/15M) RV	333
286079	Zeleny's Reagent RV	472
286154	AQUAMETRIC Solvent Oil B RV	58
286181	AQUAMETRIC Coulomat A RV	58
286182	AQUAMETRIC Coulomat C RV	58
286195	Nitric Acid 4 mol/l (4N) RV	288
286236	Ammonia Fixative Solution 4% RV	43
286330	Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV	226
29 STc		
293164	pH Buffer 4,01 ±0,02 (25°C) (capsules) STc	88
293165	pH Buffer 7,00 ±0,02 (25°C) (capsules) STc	88
293166	pH Buffer 9,00 ±0,02 (25°C) (capsules) STc	88
293167	pH Buffer 10,00 ±0,02 (25°C) (capsules) STc	88
30 SvC		
303110	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SvC	217
303111	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SvC	217
303112	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SvC	217
303113	Oxalic Acid 0,05 mol (6,303g C ₂ H ₂ O ₄) to prepare 1l of 0,1N solution SvC	295
303114	Sulphuric Acid 0,05 mol (4,904g H ₂ SO ₄) to prepare 1l of 0,1N solution SvC	434
303115	Sulphuric Acid 0,5 mol (49,039g H ₂ SO ₄) to prepare 1l of 1N solution SvC	434
303116	Ammonium Thiocyanate 0,1 mol (7,612g NH ₄ SCN) to prepare 1l of 0,1N solution SvC	55
303117	Silver Nitrate 0,1 mol (16,987g AgNO ₃) to prepare 1l of 0,1N solution SvC	363
303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O) to prep. 1l of 0,1M sol. SvC	178
303119	Iodine 0,05 mol (12,690g I ₂) to prepare 1l of 0,1N solution SvC	228
303120	Potassium Dichromate 1/60 mol (4,903g K ₂ Cr ₂ O ₇) to prepare 1l of 0,1N solution SvC	328
303121	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SvC	335
303122	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SvC	336
303123	Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SvC	336
303124	Potassium Permanganate 0,02 mol (3,161g KMnO ₄) to prepare 1l of 0,1N solution SvC	341
303125	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SvC	387
303126	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SvC	388
303127	Sodium Thiosulphate 0,1 mol (24,818g Na ₂ S ₂ O ₃ ·5H ₂ O) to prepare 1l of 0,1N solution SvC	402
31 AA		
312682	Fluoride standard solution F=1,000±0,005 g/l AA	406
312683	Silicon standard solution Si=1,00±0,05 g/l AA	407
313170	Aluminium standard solution Al=1,000±0,002 g/l AA	405
313171	Arsenic standard solution As=1,000±0,002 g/l AA	405
313172	Barium standard solution Ba=1,000±0,002 g/l AA	406
313174	Bismuth standard solution Bi=1,000±0,002 g/l AA	406
313175	Cadmium standard solution Cd=1,000±0,002 g/l AA	406
313176	Calcium standard solution Ca=1,000±0,002 g/l AA	406
313177	Cobalt standard solution Co=1,000±0,002 g/l AA	406
313178	Copper standard solution Cu=1,000±0,002 g/l AA	406
313179	Chromium standard solution Cr=1,000±0,002 g/l AA	406
313180	Tin standard solution Sn=1,000±0,002 g/l AA	407
313181	Strontium standard solution Sr=1,000±0,002 g/l AA	407
313182	Iron standard solution Fe=1,000±0,002 g/l AA	406
313183	Lithium standard solution Li=1,000±0,002 g/l AA	406
313184	Magnesium standard solution Mg=1,000±0,002 g/l AA	406
313185	Manganese standard solution Mn=1,000±0,002 g/l AA	406
313186	Mercury standard solution Hg=1,000±0,002 g/l AA	406
313187	Nickel standard solution Ni=1,000±0,002 g/l AA	407
313188	Silver standard solution Ag=1,000±0,002 g/l AA	407
313189	Lead standard solution Pb=1,000±0,002 g/l AA	406
313190	Potassium standard solution K=1,000±0,002 g/l AA	407
313191	Selenium standard solution Se=1,000±0,002 g/l AA	407
313192	Sodium standard solution Na=1,000±0,002 g/l AA	407
313193	Zinc standard solution Zn=1,000±0,002 g/l AA	407
313672	Gold standard solution Au=1,000±0,002 g/l AA	406
313960	Titanium standard solution Ti=1,000±0,002 g/l AA	407
314111	Molybdenum standard solution Mo=1,000±0,002 g/l AA	407
314133	Antimony standard solution Sb=1,000±0,002 g/l AA	405
32 PAI(PAR)		
321007	Acetone (PAR) PAI	23
321074	Water (PAR) PAI	467
321090	2-Propanol (PAR) PAI	348
321091	Methanol (PAR) PAI	265
321250	Cyclohexane (PAR) PAI	134
321252	Trichloromethane stabilized with ethanol (PAR) PAI	453
321254	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146
321315	Petroleum Ether 40-60°C (PAR) PAI	305
321318	Ethyl Acetate (PAR) PAI	174
321347	Hexane, alkanes mixture (PAR) PAI	208
321745	Toluene (PAR) PAI	447
321881	Acetonitrile (PAR) PAI-ACS	26
322006	n-Pentane (PAR) PAI	298
322064	Isooctane (PAR) PAI	235
322551	Diethyl Ether stabilized with ethanol (PAR) PAI	150
323242	n-Hexane 95% (PAR) PAI	206
323312	tert-Butyl Methyl Ether (PAR) PAI	97
324462	n-Pentane 95% (PAR) PAI	299
325708	Sodium Sulphate anhydrous, granulated (PAR) PAI	398
325709	Sodium Sulphate anhydrous, powder (PAR) PAI	398
326165	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	278
33 PAI (IR)		
331003	Vaseline Oil (IR) PAI	465
331245	Carbon Tetrachloride (IR) (E.U.) PAI	111
331489	Potassium Bromide (IR) PAI	322
34 CRS		
345268	Certified Control Material for Oenological Analysis (Red Wine) CRS	426
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426
345271	Certified Control Material for Oenological Analysis (White Wine) CRS	426
345411	Reference Standard for Olive Oil CRS	424
35 CG		
352615	N-(Trimethylsilyl) Diethylamine CG	458
352616	N-(Trimethylsilyl) Imidazole CG	458
352761	Methyl Laurate CG	273
352776	Chlorotrimethylsilane CG	121
353316	Trifluoroacetic Anhydride CG	457
353710	Linoleic Acid CG	246
355584	Heptafluorobutyl Anhydride CG	202
355585	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459
355587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277
355588	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75
355590	N-Methyl-Bis (Trifluoroacetamide) CG	269
355599	Hexamethyldisilazane CG	204
355600	N,N-Dimethylformamide-Dimethylacetal CG	159
355650	Silan-Sterol-1 CG	360
355788	N,O-Bis (Trimethylsilyl) Acetamide CG	75
36 PAI (UV-IR-HPLC-HPLC isocratic GPC)		
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361008	Acetic Acid glacial (HPLC) PAI	20
361074	Water (UV-HPLC) PAI-ACS	467
361082	1-Butanol (UV-IR-HPLC) PAI	92
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361089	Isobutanol (UV-IR-HPLC) PAI	233
361090	2-Propanol (HPLC) PAI	348
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	134
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145

361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361315	Petroleum Ether 40-60°C (UV) PAI	305
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
361347	Hexane, alkanes mixture (HPLC) PAI	207
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
362006	n-Pentane (UV-IR-HPLC) PAI	298
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
363101	Trichloromethane stabilized with ~150 ppm of amylene (HPLC-GPC) PAI	451
363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
363317	Trifluoroacetic Acid (UV) PAI	457
363428	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208
363501	Isopentane (UV-IR-HPLC) PAI	237
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363622	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438
363995	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
364896	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301
364897	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204
365261	Isohexane (UV-IR-HPLC) PAI	234
365732	Propionitrile (UV-HPLC) PAI	350
365769	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92
38 ANALPUR		
381020	Hydrochloric Acid 37% (TMA) ANALPUR	213
383255	Nitric Acid 65% (TMA) ANALPUR	287
39 RS		
394545	COD Standard (7.000 ppm) RS	408
394546	COD Standard (1.000 ppm) RS	408
394547	COD Standard (150 ppm) RS	407
394640	COD Standard (500 ppm) RS	408
394641	COD Standard (3.000 ppm) RS	408
394642	COD Standard (50 ppm) RS	407
394657	Conductivity Standard 5446 µS/cm (25°C) RS	408
394658	Conductivity Standard 12,88 mS/cm (25°C) RS	408
394659	Conductivity Standard 1413 µS/cm (25°C) RS	408
395138	Kit for HPLC Linearity Verification RS	239
395442	Redox Standard 468 mV (25°C) RS	424
395443	Redox Standard 220 mV (25°C) RS	424
395458	Karl Fischer Water Standard 10,0 mg/g RS	426
395459	Karl Fischer Water Standard 1,00 mg/g RS	426
395460	Standard for UV-VISIBLE Spectrophotometry: solution for the stray light control (Ph. Eur.) RS	425
395461	Standard for UV-VISIBLE Spectrophotometry: solution for the control of the spectral resolution (Ph. Eur.) RS	425
395462	Standard for UV-VISIBLE Spectrophotometry: solution for the absorbance control (Ph. Eur.) RS	425
395464	Turbidity Standard Solution A RS	425
395465	Turbidity Standard Solution B RS	426
395508	Colour Standard Pt-Co, 500 APHA RS	408
396070	Standard for UV-VISIBLE Spectrophotometry: solution for the wavelength control (Ph. Eur.) RS	425

396881	Conductivity Standard 147 uS/cm (25°C) RS	408
396882	Conductivity Standard 84 uS/cm (25°C) RS	408
396883	Karl Fischer Water Standard 5,0 mg/g RS	426
396900	TIC Standard (50mg/l) RS	425
396901	TIC Standard (100mg/l) RS	425
396902	TIC Standard (500mg/l) RS	425
396903	TIC Standard (1000mg/l) RS	425
396904	TIC Standard (10000mg/l) RS	425
396905	TOC Standard (50mg/l) RS	425
396906	TOC Standard (100mg/l) RS	425
396907	TOC Standard (500mg/l) RS	425
396908	TOC Standard (1000mg/l) RS	425
396909	TOC Standard (10000mg/l) RS	425
40 CULTIMED (Ingredients)		
401792	Agar, Technical (Ingredient) CULTIMED	31, 479
402302	Agar, Bacteriological European Type (Ingredient) CULTIMED	31, 479
402303	Agar, Bacteriological American Type (Ingredient) CULTIMED	31, 479
402876	Hemoglobine (Additive) CULTIMED	202, 479
403682	Tryptone (Ingredient) CULTIMED	460, 480
403683	Meat Peptone (Ingredient) CULTIMED	260, 479
403684	Soy Peptone (Ingredient) CULTIMED	405, 480
403685	Ox Bile (Ingredient) CULTIMED	480
403686	Gelatine Peptone (Ingredient) CULTIMED	195, 479
403687	Yeast Extract (Ingredient) CULTIMED	472, 480
403690	Malt Extract (Ingredient) CULTIMED	256, 479
403691	Casein Peptone Hydrolyzed (Ingredient) CULTIMED	113, 479
403692	Meat Extract (Ingredient) CULTIMED	260, 479
403695	Peptone, Bacteriological (Ingredient) CULTIMED	301, 480
403896	Bile Salts n° 3 (Ingredient) CULTIMED	73, 479
403898	Casein Peptone (Ingredient) CULTIMED	113, 479
403901	Proteose Peptone (Ingredient) CULTIMED	352, 480
403902	Gelatine, Bacteriological (Ingredient) CULTIMED	195, 479
403903	Tryptose (Ingredient) CULTIMED	461, 480
403904	Agar, Purified (Ingredient) CULTIMED	31, 479
403939	Proteose Peptone n° 3 (Ingredient) CULTIMED	352, 480
404140	Mycological Peptone (Ingredient) CULTIMED	280, 480
404148	Potato Starch (Ingredient) CULTIMED	345, 480
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413736	Antibiotic Medium n° 2 (USP) (Dehydrated Culture Media) CULTIMED	481
413737	Antibiotic Medium n° 3 (USP) (Dehydrated Culture Media) CULTIMED	481
413738	Antibiotic Medium n° 5 (USP) (Dehydrated Culture Media) CULTIMED	481
413739	Antibiotic Medium n° 8 (Dehydrated Culture Media) CULTIMED	481
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413742	Rothe Broth (Glucose Azide Broth) (Dehydrated Culture Media) CULTIMED	494
413743	EVA Broth (Ethyl Violet Azide) (Dehydrated Culture Media) CULTIMED	485
413744	Baird-Parker Agar Base (Dehydrated Culture Media) CULTIMED	481
413745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	498
413746	Violet Red Bile Lactose Agar (VRBL) (ISO 4832) (Dehydrated Culture Media) CULTIMED	498
413747	Brilliant Green Bile Agar (Dehydrated Culture Media) CULTIMED	483
413748	Brilliant Green Bile 2% Broth (Dehydrated Culture Media) CULTIMED	483
413749	Bismuth Sulphite Agar (Dehydrated Culture Media) CULTIMED	482
413750	Bordet Gengou Agar Base (Dehydrated Culture Media) CULTIMED	482
413751	Columbia Agar Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	484
413752	Pseudomonas CN Agar Base (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	493

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413755	Desoxycholate Citrate Agar (Dehydrated Culture Media) CULTIMED	484
413756	Desoxycholate Citrate Lactose Agar (Dehydrated Culture Media) CULTIMED	485
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413762	Eosin Methylene Blue Agar (EMB) (Dehydrated Culture Media) CULTIMED	485
413763	Eosin Methylene Blue Agar acc. to Levine (EMB Levine) (Dehydrated Culture Media) CULTIMED	485
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413808	Schaedler Broth (Dehydrated Culture Media) CULTIMED	495	414698	Marine Broth (Dehydrated Culture Media) CULTIMED	490	416272	RPF Supplement (ISO-FDIS 6888-2) (Additive) CULTIMED	494
413809	Selenite Cystine Broth (Dehydrated Culture Media) CULTIMED	495	414703	Selenite Brilliant Green Broth (Dehydrated Culture Media) CULTIMED	495	416273	BCYE Supplement (Additive) CULTIMED	481
413810	SIM Medium (Dehydrated Culture Media) CULTIMED	495	414705	Urea Indole Broth (Dehydrated Culture Media) CULTIMED	498	416274	GVPC Supplement (Additive) CULTIMED	487
413811	Simmons Citrate Agar (Dehydrated Culture Media) CULTIMED	495	414707	OF Basal Medium (Dehydrated Culture Media) CULTIMED	492	416275	Nitrate Movility Medium (Dehydrated Culture Media) CULTIMED	491
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413814	Tetrathionate Broth Base (Dehydrated Culture Media) CULTIMED	496	414722	Egg Yolk Emulsion (Additive) CULTIMED	485	416322	Potato Infusion Agar (Dehydrated Culture Media) CULTIMED	493
413815	Thioglycollate Liquid Medium (Ph.Eur.) (Dehydrated Culture Media) CULTIMED	497	414723	Egg Yolk Tellurite Emulsion (Additive) CULTIMED	485	416444	Oxidase Stick CULTIMED	492
413816	Thioglycollate Medium without Indicator (Dehydrated Culture Media) CULTIMED	497	414724	Potassium Tellurite solution 3,5% (Additive) CULTIMED	492	416445	Indole Sticks CULTIMED	492
413817	TCBS Cholera Medium (Dehydrated Culture Media) CULTIMED	496	414753	Luria Broth Base (Dehydrated Culture Media) CULTIMED	489	416891	Listeria Chromogenic Agar (ISO 11290-1:2004) (Dehydrated Culture Media) CULTIMED	488
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413819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	497	414944	Buffered Sodium Chloride-Peptone solution (Ph.Eur.) (Dehydrated Culture Media) CULTIMED	483	416893	Lipase C, Supplement (Aditive) CULTIMED	488
413820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	497	414955	Chapman TTC (Tergitol 7) Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	483	416894	Listeria Selective Chromogenic Supplement (Additive) CULTIMED	488
413821	Urea Agar Base (Dehydrated Culture Media) CULTIMED	498	414956	Glucose Chloramphenicol Agar (Dehydrated Culture Media) CULTIMED	486	416895	Minerals (modified) Glutamated Broth (MMGB) (ISO16649-3) (Dehydrated Culture Media) CULTIMED	490
413822	Urea Broth Base (Dehydrated Culture Media) CULTIMED	498	414957	Glucose Chloramphenicol Broth (Dehydrated Culture Media) CULTIMED	486	416911	Cefoxitine, Supplement (Aditive) CULTIMED	483
413823	Brilliant Green Agar (Dehydrated Culture Media) CULTIMED	482	414958	OGYE Agar Base (Dehydrated Culture Media) CULTIMED	492	42 CULTIMED (Prepared Plate (Ø 55 mm) and filter)		
413824	Selenite Broth Base (Dehydrated Culture Media) CULTIMED	495	414959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED	493	423752	Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
413825	Vogel-Johnson Agar (Dehydrated Culture Media) CULTIMED	499	414961	Tetrathionate Broth Base acc. to Muller-Kauffmann (Dehydrated Culture Media) CULTIMED	497	423792	Nutrient Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
413826	XLD Medium (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	500	415379	Lethen Agar (modified) (Dehydrated Culture Media) CULTIMED	488	423812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
413827	Lauryl Tryptose Broth (Dehydrated Culture Media) CULTIMED	488	415380	PALCAM Listeria Agar Base (Dehydrated Culture Media) CULTIMED	492	423842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
413828	Lysine Decarboxylase Broth (Dehydrated Culture Media) CULTIMED	489	415382	Lethen Broth (modified) (Dehydrated Culture Media) CULTIMED	488	424125	SPS Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
413829	EE Broth (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	485	415433	Wilkins-Chalgren Broth (Dehydrated Culture Media) CULTIMED	499	424955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
413830	Calcium Caseinate Agar (Dehydrated Culture Media) CULTIMED	483	415463	Clostridium perringsens m-CP Agar Base (Dehydrated Culture Media) CULTIMED	484	425463	m-CP Agar (Prepared Plate (Ø 55 mm) and filter) CULTIMED	500
413831	Chapman-Stone Agar (Dehydrated Culture Media) CULTIMED	483	415523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Dehydrated Culture Media) CULTIMED	482	426106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	502
413832	Malt Extract Broth (Dehydrated Culture Media) CULTIMED	489	415576	TSC Agar Base(UNE-EN 13401) (Dehydrated Culture Media) CULTIMED	498	426262	TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm) and filter) CULTIMED	501
413833	TSN Agar (Dehydrated Culture Media) CULTIMED	498	415641	MacConkey Sorbitol Agar (Dehydrated Culture Media) CULTIMED	489	43 CULTIMED (Contact Plate)		
413835	Bile Esculin Agar (Dehydrated Culture Media) CULTIMED	482	416106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Dehydrated Culture Media) CULTIMED	498	433744	Baird-Parker Agar (ISO 6888) (Contact Plate) CULTIMED	502
413837	Brucella Agar Base (Dehydrated Culture Media) CULTIMED	483	416109	Chromogenic E. coli Agar (Dehydrated Culture Media) CULTIMED	484	433745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Contact Plate) CULTIMED	503
413838	Czapek Dox Agar (modified) (Dehydrated Culture Media) CULTIMED	484	416110	Chromogenic Salmonella Agar (Dehydrated Culture Media) CULTIMED	484	433746	Violet Red Bile Lactose Agar (VRBL) (Contact Plate) CULTIMED	503
413840	Glucose Agar (Dehydrated Culture Media) CULTIMED	486	416111	Oxford Listeria Agar Base (Dehydrated Culture Media) CULTIMED	492	433783	Mannitol Salt Agar (Ph.Eur.) (Contact Plate) CULTIMED	502
413841	Tryptone Glucose Agar (Dehydrated Culture Media) CULTIMED	497	416112	Fraser Listeria Broth Base (ISO 11290-1:1996) (Dehydrated Culture Media) CULTIMED	486	433799	Plate Count Agar (PCA) (ISO 4833:2003) (Contact Plate) CULTIMED	502
413842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	494	416113	Fraser Listeria Selective Enrichment Supplement (Additive) CULTIMED	486	433802	Sabouraud Glucose Agar (Contact Plate) CULTIMED	502
413843	WL Differential Agar (Dehydrated Culture Media) CULTIMED	499	416114	Fraser 1/2 Listeria Selective Enrichment Supplement (Additive) CULTIMED	486	433819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Contact Plate) CULTIMED	503
413844	Tryptone Glucose Extract Agar (Dehydrated Culture Media) CULTIMED	497	416115	Oxford Listeria Selective Supplement (Additive) CULTIMED	492	433842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Contact Plate) CULTIMED	502
413845	MacConkey Agar n° 2 (Dehydrated Culture Media) CULTIMED	489	416116	PALCAM Listeria Selective Supplement (Additive) CULTIMED	492	434855	Rose Bengal Chloramphenicol Agar (Contact Plate) CULTIMED	502
413846	Dermasel Agar (Mycobiotic Agar) (Dehydrated Culture Media) CULTIMED	484	416188	Wilkins-Chalgren Modified Agar (Dehydrated Culture Media) CULTIMED	499	435095	TSA-Tween-Leicithin-Agar (Ph.Eur.) (Contact Plate) CULTIMED	503
413847	Glucose Broth (Dehydrated Culture Media) CULTIMED	486	416197	R2A Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	493	435895	Slide PCA/PCA CULTIMED	413
413897	Yeast Extract Agar (Dehydrated Culture Media) CULTIMED	500	416220	TBX Agar (ISO 16649-2:2000) (Dehydrated Culture Media) CULTIMED	496	435896	Slide PCA/RB CULTIMED	413
413912	Thioglycollate Liquid Medium (Dehydrated Culture Media) CULTIMED	497	416253	Reinforced Clostridial Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	494	435897	Slide PCA/VRBG CULTIMED	413
414118	Skim Milk Plate Count Agar (Dehydrated Culture Media) CULTIMED	495	416254	Lactose Sulphite Broth Base (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	488	436256	Cetrimide Agar (Ph. Eur.) (Contact Plate) CULTIMED	502
414119	Bacillus Cereus Selective Agar Base (Dehydrated Culture Media) CULTIMED	481	416255	Violet Red Bile Lactose and Glucose Agar (VRBLG) (Dehydrated Culture Media) CULTIMED	499	44 CULTIMED (Prepared Plate (Ø 55 mm))		
414125	SPS Agar (Selective Agar according to Angelotti) (Dehydrated Culture Media) CULTIMED	496	416256	Cetrimide Agar (Ph. Eur.) (Dehydrated Culture Media) CULTIMED	483	443752	Pseudomonas CN (UNE-EN 12780:2002) (Prepared Plate (Ø 55 mm)) CULTIMED	500
414267	Sabouraud Glucose Agar+Cycloheximide (Dehydrated Culture Media) CULTIMED	494	416259	Acetamide Broth (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	480	443792	Nutrient Agar (Prepared Plate (Ø 55 mm)) CULTIMED	500
414270	FC Broth Base M (Dehydrated Culture Media) CULTIMED	486	416260	King B Medium (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	487	443812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	501
414654	Bile Tetrathionate-Brilliant Green Broth (Dehydrated Culture Media) CULTIMED	482	416261	Nutrient Agar (UNE-EN 12780:2002) (Dehydrated Culture Media) CULTIMED	491	443842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED	501
414655	Reinforced Clostridial Agar (RCM) (Dehydrated Culture Media) CULTIMED	493	416262	TBA Agar (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	496	444125	SPS Agar (Prepared Plate (Ø 55 mm)) CULTIMED	501
414656	G.N. Broth (Dehydrated Culture Media) CULTIMED	486	416263	Tryptophan Broth (ISO 9308-1:2000) (Dehydrated Culture Media) CULTIMED	498	444955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	502
414676	Kanamycin Esculin Azide Agar (CeNAN) (Dehydrated Culture Media) CULTIMED	487	416265	Saline Peptone Water (NF ISO 6579:1990) (Dehydrated Culture Media) CULTIMED	494	445463	m-CP Agar (Prepared Plate (Ø 55 mm)) CULTIMED	500
414679	MacConkey Agar without Crystal Violet (Dehydrated Culture Media) CULTIMED	489	416270	XLD Agar (ISO 6579:2002) (Dehydrated Culture Media) CULTIMED	499	445576	TSC Agar (UNE-EN 13401) (Prepared Plate (Ø 55 mm)) CULTIMED	502
414680	Marine Agar (Dehydrated Culture Media) CULTIMED	490						
414692	Koser Citrate Medium (Dehydrated Culture Media) CULTIMED	488						

446106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Plate (Ø 55 mm)) CULTIMED	502	463795	Buffered Peptone Water (ISO 6579:2002) (Prepared Tubes) CULTIMED	507	481769	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469
446197	R2A Agar (Ph. Eur.) (Prepared Plate (Ø 55 mm)) CULTIMED	501	463799	Plate Count Agar (ISO 4833:2003) (Prepared Tubes) CULTIMED	509	481785	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158
446262	TBA Agar (ISO 9308-1:2000) (Prepared Plate (Ø 55 mm)) CULTIMED	501	463809	Selenite Cystine Broth (Prepared Tubes) CULTIMED	509	481881	Acetonitrile dry (max. 0,005% water) DS-ACS	26
446910	CCA Coliforms, Chromogenic Agar (Prepared Plate (Ø 55mm)) CULTIMED	500	463820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Tubes) CULTIMED	510	481953	Chlorobenzene dry (max. 0,01% water) DS-ACS	117
45 CULTIMED (Prepared Plate (Ø 90 mm))			463827	Lauryl Tryptose Broth (Prepared Tubes) CULTIMED	508	481954	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161
453744	Baird-Parker Agar (ISO 6888) (Prepared Plate (Ø 90 mm)) CULTIMED	503	463829	EE Broth (Ph. Eur.) (Prepared Tubes) CULTIMED	507	482062	n-Heptane dry (max. 0,005% water) DS	202
453745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506	463833	TSN Agar (Prepared Tubes) CULTIMED	510	482064	Isocetane dry (max. 0,005% water) DS-ACS	236
453746	Violet Red Bile Lactose Agar (VRBL) (Prepared Plate (Ø 90 mm)) CULTIMED	506	463842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Tubes) CULTIMED	509	482770	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
453763	EMB Agar acc. to Levine (Prepared Plate (Ø 90 mm)) CULTIMED	504	463912	Thioglycollate Liquid Medium (Prepared Tubes) CULTIMED	510	482802	Methylcyclohexane dry (max. 0,005% water) DS	270
453768	Hektoen Enteric Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504	464125	SPS Agar (Prepared Tubes) CULTIMED	509	483101	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451
453779	MacConkey Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	504	464695	Kanamycin Esculin Azide Broth (CeNAN) (Prepared Tubes) CULTIMED	507	483242	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207
453783	Mannitol Salt Agar (Ph.Eur.) (Prepared Plate (Ø 90mm)) CULTIMED	504	464944	Buffered Sodium Chloride-Peptone solution (Ph.Eur.) (Prepared Tubes) CULTIMED	507	483537	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440
453792	Nutrient Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504	464959	Rappaport-Vassiliadis (RVS) Broth (ISO 6579:2002) (Prepared Tubes) CULTIMED	509	483675	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO	147
453799	Plate Count Agar (ISO 4833:2003) (Prepared Plate (Ø 90 mm)) CULTIMED	505	465382	Lethen Broth (modified) (Prepared Tubes) CULTIMED	508	484462	n-Pentane 95% dry (max. 0,005% water) DS	300
453802	Sabouraud Glucose Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505	465383	PALCAM Broth (Prepared Tubes) CULTIMED	509	49 CULTIMED (Prepared Bottles)		
453805	Salmonella Shigella Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505	465445	Lauryl Tryptose Broth (2X) (Prepared Tubes) CULTIMED	508	493744	Baird-Parker Agar (ISO 6888) (Prepared Bottles) CULTIMED	510
453812	Slanetz Bartley Medium (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	506	465447	Brilliant Green Bile 2% Broth (2X) (Prepared Tubes) CULTIMED	507	493745	Violet Red Bile Glucose Agar (VRBG) (Ph. Eur.) (Prepared Bottles) CULTIMED	513
453819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506	465523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Tubes) CULTIMED	507	493746	Violet Red Bile Lactose Agar (VRBL) (Prepared Bottles) CULTIMED	513
453823	Brilliant Green Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	503	465576	TSC Agar (UNE-EN 13401) (Prepared Tubes) CULTIMED	510	493779	MacConkey Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	511
453826	XLD Medium (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506	466106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Tubes) CULTIMED	510	493780	MacConkey Broth (Ph. Eur.) (Prepared Bottles) CULTIMED	511
453842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	505	466254	Lactose Sulphite, Medium (Ph. Eur.) (Prepared Tubes) CULTIMED	508	493784	MRS Agar (Prepared Bottles) CULTIMED	511
454125	SPS Agar (Prepared Plate (Ø 90 mm)) CULTIMED	506	466258	O-F-M-I Broth (Prepared Tubes) CULTIMED	509	493792	Nutrient Agar (Prepared Bottles) CULTIMED	511
454855	Rose Bengal Chloramphenicol Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505	466268	Fraser Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED	508	493794	Peptone Water (Prepared Bottles) CULTIMED	511
454955	Tergitol 7 Agar (Chapman TTC modified) (ISO 9308-1:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	506	466269	Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Tubes) CULTIMED	508	493795	Buffered Peptone Water (ISO 6579:2002) (Prepared Bottles) CULTIMED	510
455095	TSA-Tween-Lecithin-Agar (Ph.Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	506	466885	M-Cetrinide (3ml ampoules) CULTIMED	508	493799	Plate Count Agar (ISO 4833:2003) (Prepared Bottles) CULTIMED	512
455378	Legionella Selective Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED	504	466886	M-WLD (3ml ampoules) CULTIMED	509	493802	Sabouraud Glucose Agar (Prepared Bottles) CULTIMED	512
455380	PALCAM Agar (ISO 11290-1:1996) (Prepared Plate (Ø 90 mm)) CULTIMED	505	466887	M-TGE (3ml ampoules) CULTIMED	509	493819	Tryptone Soy Agar (TSA) (Ph. Eur.) (Prepared Bottles) CULTIMED	512
455523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Plate (Ø 90 mm)) CULTIMED	503	466888	M-FC (3ml ampoules) CULTIMED	509	493820	Tryptone Soy Broth (TSB) (Ph. Eur.) (Prepared Bottles) CULTIMED	512
455641	MacConkey Sorbitol Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504	466889	M-Green (3ml ampoules) CULTIMED	509	493829	EE Broth (Ph. Eur.) (Prepared Bottles) CULTIMED	511
456082	OGYE Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505	466890	M-endo (3ml ampoules) CULTIMED	508	493842	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Prepared Bottles) CULTIMED	512
456109	E. Coli, Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	504	47 PA (max. 0,000005% Hg)			493912	Thioglycollate Liquid Medium (Prepared Bottles) CULTIMED	512
456110	Salmonella Chromogenic Agar (Prepared Plate (Ø 90 mm)) CULTIMED	505	471020	Hydrochloric Acid 37% (max.0,000005% Hg) PA-ACS-ISO	213	494125	SPS Agar (Prepared Bottles) CULTIMED	512
456213	Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (irradiated) (Prepared Plate (Ø 90 mm)) CULTIMED	505	471058	Sulphuric Acid 95-98% (max. 0,000005% Hg) PA-ACS-ISO	432	494855	Rose Bengal Chloramphenicol Agar (Prepared Bottles) CULTIMED	512
456220	TBX Agar (ISO 16649-2:2000) (Prepared Plate (Ø 90mm)) CULTIMED	506	471303	Tin(II) Chloride 2-hydrate (max. 0,00005% Hg) PA-ACS	444	494944	Buffered Sodium Chloride-Peptone solution (Ph.Eur.) (Prepared Bottles) CULTIMED	510
456256	Cetrinide Agar (Ph. Eur.) (Prepared Plate (Ø 90 mm)) CULTIMED	504	471500	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327	495379	Lethen Agar (Prepared Bottles) CULTIMED	511
456266	BCYEx Agar (ISO 11731:1998) (Prepared Plate (Ø 90 mm)) CULTIMED	503	471527	Potassium Permanganate (max. 0,00005% Hg) PA-ACS	341	495382	Lethen Broth (modified) (Prepared Bottles) CULTIMED	511
456267	BCYE without Cysteine Agar (ISO 11731) (Prepared Plate (Ø 90 mm)) CULTIMED	503	471659	Sodium Chloride (max. 0,000005% Hg) PA-ACS-ISO	371	495425	Peptone Water with neutralizing agents (Ph.Eur.) (Prepared Bottles) CULTIMED	511
456271	Bacillus Cereus according to Mossel Agar Base (Prepared Plate (Ø 90 mm)) CULTIMED	503	471914	Hydroxylammonium Chloride (max. 0,00001% Hg) PA-ACS-ISO	223	495523	Bile Esculin Azide Agar (ISO 7899-2:2000) (Prepared Bottles) CULTIMED	510
456891	Listeria Chromogenic Agar (ISO 11290.1:2004) (Prepared Plate (Ø 90 mm)) CULTIMED	504	472175	Perchloric Acid 70% (max. 0,000005% Hg) PA-ACS-ISO	302	495576	TSC Agar (UNE-EN 13401) (Prepared Bottles) CULTIMED	512
456892	Staphylococcus Chromogenic Agar (Prepared Plate (Ø 90mm)) CULTIMED	505	473255	Nitric Acid 65% (max 0,000005% Hg) PA	287	496106	Tryptone Yeast Extract Agar (ISO 6222:1999) (Prepared Bottles) CULTIMED	512
46 CULTIMED (Prepared Tubes)			48 DS			496253	Reinforced Clostridial Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	512
463748	Brilliant Green Bile 2% Broth (Prepared Tubes) CULTIMED	507	481007	Acetone dry (max. 0,01% water) DS	23	496256	Cetrinide Agar (Ph. Eur.) (Prepared Bottles) CULTIMED	511
463761	EC Medium (Prepared Tubes) CULTIMED	507	481086	Ethanol absolute dry (max. 0,02% water) DS	170	496265	Saline Peptone Water (ISO 6887-1:1999) (Prepared Bottles) CULTIMED	512
463765	Giolitti-Cantoni Broth (Prepared Tubes) CULTIMED	507	481090	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349	496269	Fraser 1/2 Listeria Broth (ISO 11290-1:1996) (Prepared Bottles) CULTIMED	511
463769	Kligler Iron Agar (Prepared Tubes) CULTIMED	507	481091	Methanol dry (max. 0,005% water) DS-ACS-ISO	265	P1000ST	Sterile bottle, 1000 ml, with 24 mg of sodium thiosulphate CULTIMED	513
463770	Lysine Iron Agar (Prepared Tubes) CULTIMED	508	481192	Benzene dry (max. 0,005% water) DS-ACS-ISO	67	P500ST	Sterile bottle, 500 ml, with 12 mg of sodium thiosulphate CULTIMED	513
463771	Triple Sugar Iron Agar (ISO 6579:2002) (Prepared Tubes) CULTIMED	510	481244	Carbon Disulphide dry (max. 0,005% water) low in aromatic compounds DS-ACS-ISO	110	PS-410MC	PROSPORE (Sterilization test) CULTIMED	513
463776	Lactosed Broth (Ph. Eur.) (Prepared Tubes) CULTIMED	508	481250	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135	50 DERQUIM		
463794	Peptone Water (Prepared Tubes) CULTIMED	509	481254	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146	502600	DERQUIM LM 01 Alkaline LIQUID	139
			481286	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144	502601	DERQUIM LM 02 Neutral, phosphates free LIQUID	139
			481296	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163	502602	DERQUIM LM 03 Phosphates free LIQUID	139
			481315	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305	502603	DERQUIM LA 11 Slightly alkaline SOLID	139
			481318	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175	502604	DERQUIM LA 12 Alkaline SOLID	139
			481429	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94			
			481457	Pyridine dry (max. 0,01% water) DS-ACS	352			
			481745	Toluene dry (max. 0,005% water) DS-ACS-ISO	447			

502605	DERQUIM LA 13 Alkaline with detergents SOLID	139	624905	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT	226	745854	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
502606	DERQUIM LA 14 Slightly alkaline LIQUID	139	624906	Iron standard solution Fe=0,100±0,002 g/l VINIKIT	230	745855	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159
502607	DERQUIM LA 15 Alkaline LIQUID	139	625079	Malo-Lactic Kit VINIKIT	256	745857	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
502608	DERQUIM LA 21 Acid, with phosphoric acid LIQUID	139	625108	Eluent for Malo-Lactic Kit VINIKIT	166	745858	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
502609	DERQUIM LA 22 Acid, with citric acid LIQUID	139	625241	Saccharose solution 23,8% w/w VINIKIT	357	745860	Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI	161
502610	DERQUIM LA 31 Antifoaming	139	625337	Hydroalcoholic Solution 8,5% v/v VINIKIT	212	745861	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161
502611	DERQUIM LA 32 Rinsing	139	625338	Hydroalcoholic Solution 11% v/v VINIKIT	212	745862	Dimethyl Sulphoxide-D6 deuteration degree min. 99,5% (NMR) PAI	161
502612	DERQUIM MC Chromic Mixture	140	625339	Hydroalcoholic Solution 13,5% v/v VINIKIT	212	745863	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353
503468	DERQUIM SALT (Sodium Chloride lumps)	139	625388	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368	745864	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353
503574	DERQUIM + Universal Detergent, LIQUID	138	625409	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106	745865	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353
504993	DERQUIM DSF 01 Antiseptic for hands LIQUID	138	625434	Hydroalcoholic Solution 16% v/v VINIKIT	212	745866	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
504994	DERQUIM DSF 11 Antiseptic for surfaces and implements, LIQUID	138	625435	Hydroalcoholic Solution 20% v/v VINIKIT	212	745867	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
506071	DERQUIM OXY (Substitute of Chromic Mixture) SOLID	140	625484	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357	745868	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448
52 pH PAPER			625513	Hydrogen Peroxide 10% w/v (-33 vol.) stabilized VINIKIT	221	745869	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448
524150	Universal Paper Reel pH 1-11 (gradation 1,0)	312	625514	Potassium Thiocyanate solution 20% w/v VINIKIT	345	745870	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
524151	Universal Paper Reel pH 1-14 (gradation 1,0/2,0)	312	625515	Iron standard solution Fe=0,125±0,005 g/l VINIKIT	230	745872	Tube 5TA (Throw away) 178 mm (NMR) PAI	461
524152	Special Paper Reel pH 5,5-9,0 (gradation 0,5)	312	625516	Calcium Indicator, tablets VINIKIT	106	745873	Tube 5P (Precision) 178 mm (NMR) PAI	461
524153	Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)	312	625567	Hydrochloric Acid 10 g/l VINIKIT	216	745874	Tube 5HP (High precision) 178 mm (NMR) PAI	461
524154	Special Paper Reel pH 0,5-5,5 (gradation 0,5)	312	625891	TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT	446	745875	Tube 5UP (Ultra precision) 178 mm (NMR) PAI	461
524155	Special Paper Reel pH 9,0-13,0 (gradation 0,5)	312	70 PAI (LC-MS)			745876	Black caps for NMR tubes PAI	461
524156	Strips pH 3,8-5,5 (gradation 0,2/0,3)	312	701074	Water (LC-MS) PAI	467	76 ICP (1,000±0,002 g/l)		
524157	Strips pH 6,0-8,1 (gradation 0,3)	312	701091	Methanol (LC-MS) PAI	265	763173	Beryllium standard solution Be=1,000±0,002 g/l ICP	409
524158	Strips pH 2,8-4,6 (gradation 0,2/0,3)	312	701881	Acetonitrile (LC-MS) PAI	26	765898	Sulphur standard solution S=1,000±0,002 g/l ICP	417
524159	Strips pH 1-12 (gradation 1,0)	312	71 HIPERPUR-PLUS			765900	Boron standard solution B=1,000±0,002 g/l ICP	409
524160	Strips pH 5,2-6,8 (gradation 0,2/0,3)	312	711008	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19	765901	Cerium standard solution Ce=1,000±0,002 g/l ICP	410
524161	Strips pH 1,8-3,8 (gradation 0,2/0,3)	312	711019	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215	765902	Cesium standard solution Cs=1,000±0,002 g/l ICP	410
524162	Strips pH 7,2-8,8 (gradation 0,2/0,3)	312	711028	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218	765903	Chloride standard solution Cl=1,000±0,002 g/l ICP	410
524163	Strips pH 9,5-12,0 (gradation 0,5)	313	711037	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285	765904	Dysprosium standard solution Dy=1,000±0,002 g/l ICP	411
524164	Non bleeding sticks pH 0-14 (gradation 1,0)	313	711058	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431	765905	Erbium standard solution Er=1,000±0,002 g/l ICP	411
524165	Non bleeding sticks pH 4,5-10,0 (gradation 0,5)	313	711074	Water (TMA) HIPERPUR-PLUS	466	765906	Europium standard solution Eu=1,000±0,002 g/l ICP	411
524166	Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)	313	711128	Ammonia 20% (as NH3) (TMA) HIPERPUR-PLUS	42	765908	Gadolinium standard solution Gd=1,000±0,002 g/l ICP	411
524167	Non bleeding sticks pH 0,0-6,0 (gradation 0,5)	313	712175	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302	765909	Gallium standard solution Ga=1,000±0,002 g/l ICP	411
524168	Non bleeding sticks pH 7,0-14,0 (gradation 0,5)	313	716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221	765910	Germanium standard solution Ge=1,000±0,002 g/l ICP	412
524169	Tricolor Paper Reel pH 1-11 (gradation 1,0)	312	72 HIPERPUR			765911	Hafnium standard solution Hf=1,000±0,002 g/l ICP	412
62 VINIKIT			721008	Acetic Acid glacial (TMA) HIPERPUR	19	765912	Holmium standard solution Ho=1,000±0,002 g/l ICP	412
621062	Sulphuric Acid solution 1/3 w/v VINIKIT	433	721019	Hydrochloric Acid 35% (TMA) HIPERPUR	215	765913	Indium standard solution In=1,000±0,002 g/l ICP	412
621327	Phenolphthalein solution 1% VINIKIT	309	721028	Hydrofluoric Acid 48% (TMA) HIPERPUR	219	765914	Ytterbium standard solution Yb=1,000±0,002 g/l ICP	419
621387	Gypsumetric Liqour VINIKIT	201	721037	Nitric Acid 69% (TMA) HIPERPUR	286	765915	Yttrium standard solution Y=1,000±0,002 g/l ICP	419
621507	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329	721058	Sulphuric Acid 93-98% (TMA) HIPERPUR	431	765916	Lanthanum standard solution La=1,000±0,002 g/l ICP	413
621517	Potassium Hydroxide 1 mol/l (1N) VINIKIT	336	721091	Methanol (HPLC-hypergradient grade) HIPERPUR	264	765917	Lutetium standard solution Lu=1,000±0,002 g/l ICP	413
621567	Folin-Ciocalteu's Reagent VINIKIT	189	721128	Ammonia 20% (as NH3) (TMA) HIPERPUR	42	765918	Neodymium standard solution Nd=1,000±0,002 g/l ICP	414
621694	Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT	388	721881	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25	765919	Niobium standard solution Nb=1,000±0,002 g/l ICP	414
621845	Sodium Hydroxide 0,01 mol/l VINIKIT	388	722175	Perchloric Acid 70% (TMA) HIPERPUR	302	765920	Nitrogen standard solution N=1,000±0,002 g/l ICP	414
621969	Iodine 0,01 mol/l (0,02N) VINIKIT	228	74 PAI (NMR)			765921	Osmium standard solution Os=1,000±0,002 g/l ICP	415
622157	Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT	389	745335	Tetramethylsilane (NMR) PAI	441	765922	Palladium standard solution Pd=1,000±0,002 g/l ICP	415
622772	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221	745837	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24	765923	Platinum standard solution Pt=1,000±0,002 g/l ICP	415
623146	Starch solution 1% VINIKIT	426	745838	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24	765924	Praseodymium standard solution Pr=1,000±0,002 g/l ICP	415
623397	Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT	388	745839	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24	765925	Rhenium standard solution Re=1,000±0,002 g/l ICP	415
624566	Bromothymol Blue solution 0,4% VINIKIT	87	745840	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27	765926	Rhodium standard solution Rh=1,000±0,002 g/l ICP	416
624567	Starch solution 2% VINIKIT	426	745841	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27	765927	Rubidium standard solution Rb=1,000±0,002 g/l ICP	416
624568	Fehling's A Reagent VINIKIT	183	745842	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27	765928	Ruthenium standard solution Ru=1,000±0,002 g/l ICP	416
624569	Fehling's B Reagent VINIKIT	183	745843	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68	765929	Samarium standard solution Sm=1,000±0,002 g/l ICP	416
624570	Sulphuric Acid solution 16% w/v VINIKIT	434	745844	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67	765930	Scandium standard solution Sc=1,000±0,002 g/l ICP	416
624572	Potassium Iodide solution 30% w/v VINIKIT	338	745845	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67	765931	Thallium standard solution Tl=1,000±0,002 g/l ICP	418
624573	Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT	33	745846	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454			
624574	Hydrochloric Acid-Water solution 50:50 VINIKIT	216	745847	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454			
624575	Potassium Thiocyanate solution 5% w/v VINIKIT	345	745848	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454			
624576	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402	745849	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140			
624582	Cupric Solution 0,168 mol/l VINIKIT	134	745851	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140			
624617	Iron standard solution Fe=0,200±0,002 g/l VINIKIT	230	745852	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148			
624782	Sodium Hydroxide N/4,9 VINIKIT	388	745853	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148			
624785	Sodium Hydroxide N/49 VINIKIT	388						
624835	Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT	388						
624836	Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT	389						
624867	Saccharose solution 14,9% w/w VINIKIT	357						
624868	Saccharose solution 19,4% w/w VINIKIT	357						
624901	Rebelsin's Kit VINIKIT	355						
624904	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222						

786922	Phosphorus *standard solution P=1,000±0,002 g/l IC	423	201225	Calcium Bis (di-Hydrogen Phosphate) 1-hydrate (E-341i, F.C.C.) ADITIO	101	202067	D(-)-Mannitol (E-421, F.C.C.) ADITIO	259
786923	Hydrazinium *standard solution NH ₂ NH ₂ =1,000±0,002 g/l IC	422	204395	Calcium Carbonate precipitated, low in iron (0,001%) (E-170i, F.C.C.) ADITIO	102	201091	Methanol (F.C.C.) ADITIO	266
786924	Hydrogen carbonate *standard solution HCO ₃ =1,000±0,002 g/l IC	422	201212	Calcium Carbonate precipitated (E-170i, F.C.C.) ADITIO	103	202882	L-Methionine (F.C.C.) ADITIO	267
786925	Iron *standard solution Fe=1,000±0,002 g/l IC	422	204954	Calcium Chloride 2-hydrate flakes (E-509, F.C.C.) ADITIO	103	203332	Methyl 4-Hydroxybenzoate (E-218, F.C.C.) ADITIO	272
786926	Mercury *standard solution Hg=1,000±0,002 g/l IC	422	201232	Calcium Chloride 2-hydrate powder (E-509, F.C.C.) ADITIO	104	202786	Octanoic Acid (E-570, F.C.C.) ADITIO	292
786927	Nickel *standard solution Ni=1,000±0,002 g/l IC	422	201214	Calcium Chloride 6-hydrate (E-509) ADITIO	104	202345	Palmitic Acid (E-570, F.C.C.) ADITIO	296
786928	Nitrogen (N-NO ₂ -) *standard solution N=1,000±0,002 g/l IC	423	202824	Calcium Chloride solution 45% w/w (as CaCl ₂ ·2H ₂ O) (E-509, F.C.C.) ADITIO	104	203209	Paraffin M.P. 51-53°C pellets (F.C.C.) ADITIO	297
786929	Nitrogen (N-NO ₃ -) *standard solution N=1,000±0,002 g/l IC	423	201213	tri-Calcium di-Citrate 4-hydrate (E-333iii, F.C.C.) ADITIO	104	204621	Paraffin M.P. 60-65°C (F.C.C.) ADITIO	297
786930	Silver *standard solution Ag=1,000±0,002 g/l IC	423	203290	Calcium D-Gluconate 1-hydrate (E-578, F.C.C.) ADITIO	105	202047	L-Phenylalanine (F.C.C.) ADITIO	310
786931	Lead *standard solution Pb=1,000±0,002 g/l IC	422	201227	Calcium Hydrogen Phosphate anhydrous (E-341ii, F.C.C.) ADITIO	105	201032	ortho-Phosphoric Acid 85% (F.C.C.) ADITIO	314
786932	Rubidium *standard solution Rb=1,000±0,002 g/l IC	423	201226	Calcium Hydrogen Phosphate 2-hydrate (E-341ii, F.C.C.) ADITIO	105	206076	Polysorbate 20 (E-432) ADITIO	318
786934	Iodide *standard solution I=1,000±0,002 g/l IC	422	202400	Calcium Hydroxide, powder (E-526, F.C.C.) ADITIO	106	206158	Polysorbate 40 (E-434) ADITIO	319
786937	Multielement standard solution, anionic III IC	423	201230	Calcium Lactate 5-hydrate (E-327, F.C.C.) ADITIO	106	206159	Polysorbate 60 (E-435) ADITIO	319
786938	Multielement standard solution, anionic IV IC	424	201228	tri-Calcium Phosphate (E-341iii, F.C.C.) ADITIO	107	206160	Polysorbate 65 (E-436) ADITIO	319
786939	Multielement standard solution, anionic V IC	424	203238	Calcium Propionate (E-282, F.C.C.) ADITIO	107	206075	Polysorbate 80 (E-433) ADITIO	319
786941	Multielement standard solution, cationic II IC	424	201818	Calcium Stearate (E-470a, F.C.C.) ADITIO	108	201479	Potassium Acetate (E-261) ADITIO	320
786942	Multielement standard solution, cationic III IC	424	201235	Calcium Sulphate 2-hydrate (E-516, F.C.C.) ADITIO	108	201487	Potassium Bromate (F.C.C.) ADITIO	321
786943	Multielement standard solution, cationic IV IC	424	202416	Carboxymethylcellulose Sodium Salt low viscosity (E-466, F.C.C.) ADITIO	112	201490	Potassium Carbonate (E-501i, F.C.C.) ADITIO	323
86 EG (MOS)			204441	Carboxymethylcellulose Sodium Salt medium viscosity (E-466, F.C.C.) ADITIO	112	201494	Potassium Chloride (E-508, F.C.C.) ADITIO	324
861007	Acetone (MOS) EG	22	203922	Carboxymethylcellulose Sodium Salt high viscosity (E-466, F.C.C.) ADITIO	112	201492	tri-Potassium Citrate 1-hydrate (E-332ii, F.C.C.) ADITIO	326
861020	Hydrochloric Acid 37% (MOS) EG	213	201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	115	201522	Potassium Disulphite (E-224, F.C.C.) ADITIO	328
866323	Hydrogen Peroxide 30% w/w (MOS) EG	220	201808	Citric Acid anhydrous (E-330, F.C.C.) ADITIO	124	201505	Potassium Hexacyanoferrate(II) 3-hydrate (E-536) ADITIO	329
866324	Hydrofluoric Acid 50% (MOS) EG	218	201018	Citric Acid 1-hydrate (E-330, F.C.C.) ADITIO	125	201480	Potassium Hydrogen Carbonate (E-501ii, F.C.C.) ADITIO	330
87 EG (VLSI)			203645	L-Cystine (E-921, F.C.C.) ADITIO	137	201512	di-Potassium Hydrogen Phosphate anhydrous (E-340ii, F.C.C.) ADITIO	331
871007	Acetone (VLSI) EG	22	202825	2,6-Di-tert-Butyl-4-Methylphenol (E-321, F.C.C.) ADITIO	142	201509	Potassium di-Hydrogen Phosphate (E-340i, F.C.C.) ADITIO	332
871020	Hydrochloric Acid 37% (VLSI) EG	213	201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147	201486	Potassium Hydrogen Tartrate (E-336i, F.C.C.) ADITIO	334
871037	Nitric Acid 69% (VLSI) EG	286	201877	1-Dodecanol (F.C.C.) ADITIO	166	201515	Potassium Hydroxide 85% pellets (E-525, F.C.C.) ADITIO	335
871058	Sulphuric Acid 96% (VLSI) EG	431	201086	Ethanol absolute (F.C.C.) ADITIO	171	201540	Potassium Iodate (F.C.C.) ADITIO	337
871090	2-Propanol (VLSI) EG	347	201085	Ethanol 96% v/v (F.C.C.) ADITIO	172	201542	Potassium Iodide (F.C.C.) ADITIO	338
871202	n-Butyl Acetate (VLSI) EG	95	202695	Ethanol 70% v/v ADITIO	173	201524	Potassium Nitrate without anticaking (E-252, F.C.C.) ADITIO	339
873080	1-Methyl-2-Pyrrolidone (VLSI) EG	275	201318	Ethyl Acetate (F.C.C.) ADITIO	175	206401	Potassium Nitrate with anticaking (F.C.C.) ADITIO	339
875599	Hexamethyldisilazane (VLSI) EG	204	201669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (F.C.C.) ADITIO	178	201855	Potassium Nitrite (E-249, F.C.C.) ADITIO	339
876323	Hydrogen Peroxide 30% w/w (VLSI) EG	220	201319	Ethyl (S)-(-)-Lactate (F.C.C.) ADITIO	181	201513	tri-Potassium Phosphate 1,5-hydrate (E-340iii, F.C.C.) ADITIO	342
876324	Hydrofluoric Acid 50% (VLSI) EG	218	20B216	Folic Acid (F.C.C.) ADITIO	189	204321	tetra-Potassium Pyrophosphate anhydrous (E-450v, F.C.C.) ADITIO	342
CLASSIFICATION IN SPECIFIC FIELDS OF APPLICATION			201030	Formic Acid 98% (F.C.C.) ADITIO	192	201729	Potassium Sodium Tartrate 4-hydrate (E-337, F.C.C.) ADITIO	343
FOOD ADDITIVES			201029	Formic Acid 85% (F.C.C.) ADITIO	192	201531	Potassium Sorbate (E-202, F.C.C.) ADITIO	343
201008	Acetic Acid glacial (E-260, F.C.C.) ADITIO	20	202728	D(-)-Fructose (F.C.C.) ADITIO	193	201532	Potassium Sulphate (E-515i, F.C.C.) ADITIO	344
201007	Acetone (F.C.C.) ADITIO	24	202344	Fumaric Acid (E-297, F.C.C.) ADITIO	193	203646	L-Proline (F.C.C.) ADITIO	345
204333	Acetophenone (F.C.C.) ADITIO	27	202060	Gelatine 80-100 Blooms ADITIO	195	201545	1,2-Propanediol (E-1520, F.C.C.) ADITIO	346
202342	Adipic Acid (E-355, F.C.C.) ADITIO	30	201341	D(+)-Glucose anhydrous (F.C.C.) ADITIO	196	201090	2-Propanol (F.C.C.) ADITIO	349
201792	Agar (E-406, F.C.C.) ADITIO	31	203140	D(+)-Glucose 1-hydrate (F.C.C.) ADITIO	197	201810	Propionic Acid (E-280, F.C.C.) ADITIO	350
202043	L-Alanine (F.C.C.) ADITIO	31	202042	L-Glutamic Acid (E-620, F.C.C.) ADITIO	197	201962	Propyl Gallate (E-310, F.C.C.) ADITIO	351
201103	Aluminium Potassium Sulphate 12-hydrate (E-522, F.C.C.) ADITIO	36	201339	Glycerol (E-422, F.C.C.) ADITIO	198	202475	Siliceous Earth purified and calcined (F.C.C.) ADITIO	361
201130	Ammonia 30% (as NH ₃) (E-527, F.C.C.) ADITIO	41	201922	Glycerol tri-Acetate (E-1518, F.C.C.) ADITIO	199	201633	Sodium Acetate anhydrous (E-262i, F.C.C.) ADITIO	364
201129	Ammonia 25% (as NH ₃) ADITIO	41	201340	Glycine (E-640, F.C.C.) ADITIO	200	201632	Sodium Acetate 3-hydrate (E-262i, F.C.C.) ADITIO	365
201119	Ammonium Carbonate (E-503i, F.C.C.) ADITIO	45	201020	Hydrochloric Acid 37% (E-507, F.C.C.) ADITIO	214	203865	Sodium L(+)-Ascorbate (E-301, F.C.C.) ADITIO	366
201121	Ammonium Chloride (F.C.C.) ADITIO	46	201076	Hydrogen Peroxide 30% w/v (100 vol.) stabilized (F.C.C.) ADITIO	221	201637	Sodium Benzoate (E-211, F.C.C.) ADITIO	366
201116	Ammonium Hydrogen Carbonate (E-503ii, F.C.C.) ADITIO	48	202515	Iron(III) Phosphate x-hydrate (F.C.C.) ADITIO	231	201648	Sodium Carbonate anhydrous (E-500i, F.C.C.) ADITIO	369
201127	di-Ammonium Hydrogen Phosphate (F.C.C.) ADITIO	48	201362	Iron(II) Sulphate 7-hydrate (F.C.C.) ADITIO	232	202032	Sodium Carbonate 1-hydrate (E-500i, F.C.C.) ADITIO	370
201126	Ammonium di-Hydrogen Phosphate (F.C.C.) ADITIO	49	201089	Isobutanol (F.C.C.) ADITIO	233	201647	Sodium Carbonate 10-hydrate (E-500i, F.C.C.) ADITIO	370
202912	Ammonium Iron(III) Citrate brown (E-381, F.C.C.) ADITIO	50	202880	L-Isoleucine (F.C.C.) ADITIO	235	201659	Sodium Chloride (F.C.C.) ADITIO	372
202028	Ammonium Iron(III) Citrate green (E-381, F.C.C.) ADITIO	50	201034	L(+)-Lactic Acid (F.C.C.) ADITIO	240	201655	tri-Sodium Citrate 2-hydrate (E-331iii, F.C.C.) ADITIO	373
201140	Ammonium Sulphate (E-517, F.C.C.) ADITIO	53	201375	Lactose 1-hydrate (F.C.C.) ADITIO	241	201656	tri-Sodium Citrate 5,5-hydrate (E-331iii) ADITIO	374
202061	Arabic Gum powder (E-414, F.C.C.) ADITIO	59	202046	L-Leucine (F.C.C.) ADITIO	245	201698	Sodium Disulphite (E-223, F.C.C.) ADITIO	375
203464	L-Arginine (F.C.C.) ADITIO	59	203385	D(+)-Limonene (F.C.C.) ADITIO	246	202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
201013	L(+)-Ascorbic Acid (E-300, F.C.C.) ADITIO	61	204764	L-Lysine mono-Hydrochloride (F.C.C.) ADITIO	250	201683	Sodium L-Glutamate 1-hydrate (E-621, F.C.C.) ADITIO	378
202034	L-Aspartic Acid (F.C.C.) ADITIO	61	201396	Magnesium Chloride 6-hydrate (E-511, F.C.C.) ADITIO	252	201665	Sodium Hydrogen di-Acetate (E-262ii, F.C.C.) ADITIO	378
202422	DL-Aspartic Acid (F.C.C.) ADITIO	61	201927	Magnesium Hydrogen Phosphate 3-hydrate (E-343ii, F.C.C.) ADITIO	252	201638	Sodium Hydrogen Carbonate (E-500ii, F.C.C.) ADITIO	379
201014	Benzoic Acid (E-210, F.C.C.) ADITIO	69	201395	Magnesium Hydroxide Carbonate 5-hydrate (E-504ii) ADITIO	252	201654	di-Sodium Hydrogen Citrate 1 1/2-hydrate (E-331ii) ADITIO	379
202357	Benzoyl Peroxide humidified with ~25% of H ₂ O (F.C.C.) ADITIO	71	201276	Magnesium Oxide (F.C.C.) ADITIO	253	201679	di-Sodium Hydrogen Phosphate anhydrous (E-339ii, F.C.C.) ADITIO	380
201081	Benzyl Alcohol (E-1519, F.C.C.) ADITIO	72	201399	tri-Magnesium di-Phosphate 5-hydrate (F.C.C.) ADITIO	254	202507	di-Sodium Hydrogen Phosphate 2-hydrate (E-339ii, F.C.C.) ADITIO	381
203977	D(+)-Biotin (F.C.C.) ADITIO	73	202029	Magnesium Stearate (E-470b, F.C.C.) ADITIO	254	201678	di-Sodium Hydrogen Phosphate 12-hydrate (E-339ii) ADITIO	381
201082	1-Butanol (F.C.C.) ADITIO	93	201404	Magnesium Sulphate 7-hydrate (F.C.C.) ADITIO	254	201965	Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) ADITIO	382
201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94	202051	DL-Malic Acid (E-296, F.C.C.) ADITIO	256	201677	Sodium di-Hydrogen Phosphate 2-hydrate (E-339i, F.C.C.) ADITIO	383
201202	n-Butyl Acetate (F.C.C.) ADITIO	95	201410	Manganese(II) Chloride 4-hydrate (F.C.C.) ADITIO	257	201709	di-Sodium di-Hydrogen Pyrophosphate (E-450i, F.C.C.) ADITIO	383
204233	2-tert-Butyl-4-Methoxyphenol (E-320, F.C.C.) ADITIO	96	201413	Manganese(II) Sulphate 1-hydrate (F.C.C.) ADITIO	259			

201687	Sodium Hydroxide pellets (E-524, F.C.C.) ADITIO	384
203307	Sodium Lactate solution 50% w/w (F.C.C.) ADITIO	391
201702	Sodium Nitrate (E-251, F.C.C.) ADITIO	392
201703	Sodium Nitrite (E-250, F.C.C.) ADITIO	392
201680	tri-Sodium Phosphate 12-hydrate (E-339iii, F.C.C.) ADITIO	395
201684	Sodium Polyphosphate (E-452i, F.C.C.) ADITIO	396
201711	tetra-Sodium Pyrophosphate anhydrous (E-450iii, F.C.C.) ADITIO	396
201710	tetra-Sodium Pyrophosphate 10-hydrate (E-450iii, F.C.C.) ADITIO	397
205522	Sodium Stearate (E-470a) ADITIO	398
201716	Sodium Sulphate anhydrous (E-514i, F.C.C.) ADITIO	399
201715	Sodium Sulphate 10-hydrate (E-514i, F.C.C.) ADITIO	399
201717	Sodium Sulphite anhydrous (E-221, F.C.C.) ADITIO	400
201719	Sodium Tartrate 2-hydrate (E-335ii, F.C.C.) ADITIO	401
201721	Sodium Thiosulphate 5-hydrate (F.C.C.) ADITIO	402
201055	Sorbic Acid (E-200, F.C.C.) ADITIO	403
203064	D(-)-Sorbitol (E-420i, F.C.C.) ADITIO	405
202512	Stearic Acid 50 (fatty acids mixture) (E-570, F.C.C.) ADITIO	427
201883	Succinic Acid (E-363, F.C.C.) ADITIO	428
201058	Sulphuric Acid 95-98% (F.C.C.) ADITIO	432
201733	Talc washed (E-553b, F.C.C.) ADITIO	436
201065	Tannic Acid (F.C.C.) ADITIO	436
201066	L(+)-Tartaric Acid (E-334, F.C.C.) ADITIO	437
201303	Tin(II) Chloride 2-hydrate (E-512, F.C.C.) ADITIO	445
202101	Titanium(IV) Oxide (E-171, F.C.C.) ADITIO	446
204644	DL- α -Tocopherol (E-307, F.C.C.) ADITIO	446
202312	Tween® 20 (E-432) ADITIO	462
202050	Tween® 80 (E-433) ADITIO	462
206392	Urea pearls, (E-927b, F.C.C.) ADITIO	464
205044	L-Valine (F.C.C.) ADITIO	464
202048	Vanillin (F.C.C.) ADITIO	465
201003	Vaseline Oil (F.C.C.) ADITIO	465
201786	Zinc Oxide (F.C.C.) ADITIO	475
201788	Zinc Sulphate 1-hydrate (F.C.C.) ADITIO	476
201787	Zinc Sulphate 7-hydrate (F.C.C.) ADITIO	476

EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS

201007	Acetone (F.C.C.) ADITIO	24
201082	1-Butanol (F.C.C.) ADITIO	93
201429	Butanone (Methylethylketone) (F.C.C.) ADITIO	94
201254	Dichloromethane stabilized with amylene (F.C.C.) ADITIO	147
201086	Ethanol absolute (F.C.C.) ADITIO	171
201085	Ethanol 96% v/v (F.C.C.) ADITIO	172
202695	Ethanol 70% v/v ADITIO	173
201318	Ethyl Acetate (F.C.C.) ADITIO	175
201091	Methanol (F.C.C.) ADITIO	266
201090	2-Propanol (F.C.C.) ADITIO	349

PRODUCTS FOR INSTRUMENTAL ANALYSIS

HPLC Solvents

221881	Acetonitrile (HPLC-gradient grade) PAI-ACS	25
221086	Ethanol absolute (HPLC-gradient grade) PAI	169
221091	Methanol (HPLC-gradient grade) PAI-ACS	264
221090	2-Propanol (HPLC-gradient grade-UV-IR) PAI	348
221074	Water (HPLC-gradient grade) PAI	466

Isocratic and Preparative HPLC

361008	Acetic Acid glacial (HPLC) PAI	20
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	25
261881	Acetonitrile (HPLC-preparative) PAI	25
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361082	1-Butanol (UV-IR-HPLC) PAI	92
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	140
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150

363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
361347	Hexane, alkanes mixture (HPLC) PAI	207
361089	Isobutanol (UV-IR-HPLC) PAI	233
365261	Isohexane (UV-IR-HPLC) PAI	234
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
363501	Isopentane (UV-IR-HPLC) PAI	237
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
261091	Methanol (HPLC-preparative) PAI	265
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
362006	n-Pentane (UV-IR-HPLC) PAI	298
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
361090	2-Propanol (HPLC) PAI	348
261090	2-Propanol (HPLC-preparative) PAI	348
365732	Propionitrile (UV-HPLC) PAI	350
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363101	Trichloromethane stabilized with X150 ppm of amylene (HPLC-GPC) PAI	451
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
361074	Water (UV-HPLC) PAI-ACS	467

Ion Pair Reagents

365769	1-Butane Sulphonic Acid Sodium Salt (HPLC) PAI	92
364897	1-Heptane Sulphonic Acid Sodium Salt (HPLC) PAI	204
363428	1-Hexane Sulphonic Acid Sodium Salt (HPLC) PAI	208
363995	1-Octane Sulphonic Acid Sodium Salt (HPLC) PAI	292
364896	1-Pentane Sulphonic Acid Sodium Salt (HPLC) PAI	301
362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
363622	Tetrabutylammonium Hydrogen Sulphate (HPLC) PAI	438
Solvents for LC-MS		
701881	Acetonitrile (LC-MS) PAI	26
701091	Methanol (LC-MS) PAI	265
701074	Water (LC-MS) PAI	467

Solvents for Pesticide Residue Analysis

321007	Acetone (PAR) PAI	23
321881	Acetonitrile (PAR) PAI-ACS	26
323312	tert-Butyl Methyl Ether (PAR) PAI	97
321250	Cyclohexane (PAR) PAI	134
321254	Dichloromethane stabilized with ~20 ppm of amylene (PAR) PAI	146
322551	Diethyl Ether stabilized with ethanol (PAR) PAI	150
321318	Ethyl Acetate (PAR) PAI	174
323242	n-Hexane 95% (PAR) PAI	206
321347	Hexane, alkanes mixture (PAR) PAI	208
322064	Isooctane (PAR) PAI	235
321091	Methanol (PAR) PAI	265
326165	Mixture Cyclohexane/Ethyl Acetate 1:1 v/v (PAR) PAI	278
322006	n-Pentane (PAR) PAI	298
324462	n-Pentane 95% (PAR) PAI	299
321315	Petroleum Ether 40-60°C (PAR) PAI	305
321090	2-Propanol (PAR) PAI	348
321745	Toluene (PAR) PAI	447
321252	Trichloromethane stabilized with ethanol (PAR) PAI	453
321074	Water (PAR) PAI	467

Drying agents in Residue Pesticide Analysis

325708	Sodium Sulphate anhydrous, granulated (PAR) PAI	398
325709	Sodium Sulphate anhydrous, powder (PAR) PAI	398

Solvents for Spectroscopy (UV, IR)

361008	Acetic Acid glacial (HPLC) PAI	22
361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	25
361881	Acetonitrile (UV-IR-HPLC-isocratic) PAI-ACS	27

361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361082	1-Butanol (UV-IR-HPLC) PAI	92
361429	Butanone (Methylethylketone) (UV-IR-HPLC) PAI	93
363312	tert-Butyl Methyl Ether (UV-IR-HPLC-HPLC preparative) PAI	97
361244	Carbon Disulphide (UV-IR-HPLC) PAI	110
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
364343	1-Chlorobutane (UV-IR-HPLC) PAI	119
361250	Cyclohexane (UV-IR-HPLC) PAI-ACS	134
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
362551	Diethyl Ether stabilized with ethanol (UV-IR-HPLC) PAI	150
363145	N,N-Dimethylacetamide (UV-IR-HPLC) PAI	156
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
361296	1,4-Dioxan stabilized with ~2 ppm of BHT (UV-IR-HPLC) PAI	163
361086	Ethanol absolute (UV-IR-HPLC) PAI	169
361085	Ethanol 96% v/v (UV-IR-HPLC) PAI	171
361318	Ethyl Acetate (UV-IR-HPLC-HPLC preparative) PAI-ACS	174
362062	n-Heptane (UV-IR-HPLC-HPLC preparative) PAI	202
362063	n-Hexane (UV-IR-HPLC) PAI	205
363242	n-Hexane 95% (UV-IR-HPLC) PAI-ACS	206
361089	Isobutanol (UV-IR-HPLC) PAI	233
365261	Isohexane (UV-IR-HPLC) PAI	234
362064	Isooctane (UV-IR-HPLC) PAI-ACS	235
363501	Isopentane (UV-IR-HPLC) PAI	237
361091	Methanol (UV-IR-HPLC-HPLC isocratic) PAI-ACS	264
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
362006	n-Pentane (UV-IR-HPLC) PAI	298
364462	n-Pentane 95% (UV-IR-HPLC) PAI	299
361315	Petroleum Ether 40-60°C (UV) PAI	305
361885	1-Propanol (UV-IR-HPLC-HPLC preparative) PAI	346
365732	Propionitrile (UV-HPLC) PAI	350
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
361252	Trichloromethane stabilized with ethanol (UV-IR-HPLC-HPLC preparative) PAI	453
363266	1,1,2-Trichlorotrifluoroethane (UV-IR-HPLC) (E.U.) PAI	455
363317	Trifluoroacetic Acid (UV) PAI	457
361074	Water (UV-HPLC) PAI-ACS	467

Solvents for GPC

361007	Acetone (UV-IR-HPLC-GPC) PAI-ACS	23
361192	Benzene (UV-IR-HPLC-GPC) PAI-ACS	66
361245	Carbon Tetrachloride (UV-HPLC-GPC) (E.U.) PAI	111
361892	1,2-Dichlorobenzene (UV-HPLC-GPC) PAI	143
361286	1,2-Dichloroethane (UV-IR-HPLC-GPC) PAI	144
361254	Dichloromethane stabilized with ~20 ppm of amylene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	145
361785	N,N-Dimethylformamide (UV-IR-HPLC-GPC) PAI-ACS	158
361954	Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI	160
363080	1-Methyl-2-Pyrrolidone (UV-IR-HPLC-GPC) PAI	275
361455	Tetrachloroethylene (UV-IR-HPLC-GPC) PAI	439
361736	Tetrahydrofuran (UV-IR-HPLC-GPC) PAI	440
361745	Toluene (UV-IR-HPLC-HPLC preparative-GPC) PAI-ACS	447
363541	1,2,4-Trichlorobenzene (UV-IR-HPLC-GPC) PAI	450
363101	Trichloromethane stabilized with X150 ppm of amylene (HPLC-GPC) PAI	451

Specific products for IR spectroscopy

331245	Carbon Tetrachloride (IR) (E.U.) PAI	111
331489	Potassium Bromide (IR) PAI	322
331003	Vaseline Oil (IR) PAI	465

Derivatization reagents for Gas Chromatography

355788	N,O-Bis (Trimethylsilyl) Acetamide CG	75
355588	N,O-Bis (Trimethylsilyl) Trifluoroacetamide CG	75
352776	Chlorotrimethylsilane CG	121
355600	N,N-Dimethylformamide-Dimethylacetal CG	159
355584	Heptafluorobutyric Anhydride CG	202

355599	Hexamethyldisilazane CG	204
353710	Linoleic Acid CG	246
352761	Methyl Laurate CG	273
355590	N-Methyl-Bis (Trifluoroacetamide) CG	269
355587	N-Methyl-N-(Trimethylsilyl) Trifluoroacetamide CG	277
355650	Silan-Sterol-1 CG	360
353316	Trifluoroacetic Anhydride CG	469
352615	N-(Trimethylsilyl) Diethylamine CG	458
352616	N-(Trimethylsilyl) Imidazole CG	458
355585	Trimethylsulphonium Hydroxide 0,2 mol/l in methanol CG	459
Deuterated Solvents		
745839	Acetone-D6 deuteration degree min. 99,95% (NMR) PAI	24
745838	Acetone-D6 deuteration degree min. 99,8% (NMR) PAI	24
745837	Acetone-D6 deuteration degree min. 99,5% (NMR) PAI	24
745842	Acetonitrile-D3 deuteration degree min. 99,95% (NMR) PAI	27
745841	Acetonitrile-D3 deuteration degree min. 99,8% (NMR) PAI	27
745840	Acetonitrile-D3 deuteration degree min. 99,5% (NMR) PAI	27
745845	Benzene-D6 deuteration degree min. 99,95% (NMR) PAI	67
745844	Benzene-D6 deuteration degree min. 99,8% (NMR) PAI	67
745843	Benzene-D6 deuteration degree min. 99,5% (NMR) PAI	68
745851	Deuterium Oxide deuteration degree min. 99,98% (NMR) PAI	140
745849	Deuterium Oxide deuteration degree min. 99,8% (NMR) PAI	140
745854	Dichloromethane-D2 deuteration degree min. 99,95% (NMR) PAI	147
745853	Dichloromethane-D2 deuteration degree min. 99,8% (NMR) PAI	148
745852	Dichloromethane-D2 deuteration degree min. 99,5% (NMR) PAI	148
745855	N,N-Dimethylformamide-D7 deuteration degree min. 99,5% (NMR) PAI	159
745862	Dimethyl Sulphoxide-D6 deuteration degree min. 99,95% (NMR) PAI	161
745861	Dimethyl Sulphoxide-D6 deuteration degree min. 99,9% (NMR) PAI	161
745860	Dimethyl Sulphoxide-D6 deuteration degree min. 99,8% (NMR) PAI	161
745858	Methanol-D4 deuteration degree min. 99,95% (NMR) PAI	266
745857	Methanol-D4 deuteration degree min. 99,8% (NMR) PAI	267
745865	Pyridine-D5 deuteration degree min. 99,95% (NMR) PAI	353
745864	Pyridine-D5 deuteration degree min. 99,8% (NMR) PAI	353
745863	Pyridine-D5 deuteration degree min. 99,5% (NMR) PAI	353
745866	1,1,2,2-Tetrachloroethane-D2 deuteration degree min. 99,5% (NMR) PAI	439
745867	Tetrahydrofuran-D8 deuteration degree min. 99,5% (NMR) PAI	441
745335	Tetramethylsilane (NMR) PAI	441
745869	Toluene-D8 deuteration degree min. 99,8% (NMR) PAI	448
745868	Toluene-D8 deuteration degree min. 99,5% (NMR) PAI	448
745847	Trichloromethane-D1 deuteration degree min. 99,95% (NMR) PAI	454
745848	Trichloromethane-D1 deuteration degree min. 99,95% stabilized with Ag (NMR) PAI	454
745846	Trichloromethane-D1 deuteration degree min. 99,8% stabilized with Ag (NMR) PAI	454
745870	Trifluoroacetic Acid-D1 deuteration degree min. 99,5% (NMR) PAI	457
745876	Black caps for NMR tubes PAI	461
745872	Tube 5TA (Throw away) 178 mm (NMR) PAI	461
745873	Tube 5P (Precision) 178 mm (NMR) PAI	461
745874	Tube 5HP (High precision) 178 mm (NMR) PAI	461
745875	Tube 5UP (Ultra precision) 178 mm (NMR) PAI	461
Other HPLC products		
395138	Kit for HPLC Linearity Verification RS	248
TLC DEVELOPERS, Solution ready to use		
174256	2',7'-Dichlorofluorescein in 2-propanol, TLC developer RE	145
174255	Ninhydrin in 2-propanol, TLC developer RE	297
174249	Rhodamine B in ethanol absolute, TLC developer RE	356
DRY SOLVENTS		
481007	Acetone dry (max. 0,01% water) DS	23
481881	Acetonitrile dry (max. 0,005% water) DS-ACS	26
481192	Benzene dry (max. 0,005% water) DS-ACS-ISO	67
481429	Butanone dry (max. 0,02% water) (Methylethylketone) DS-ACS	94
481244	Carbon Disulphide dry (max. 0,005% water) low in aromatic compounds DS-ACS	110
481953	Chlorobenzene dry (max. 0,01% water) DS-ACS	117
481250	Cyclohexane dry (max. 0,005% water) DS-ACS-ISO	135
481286	1,2-Dichloroethane dry (max. 0,005% water) DS-ACS	144
481254	Dichloromethane dry (max. 0,005% water) stabilized with amylene DS-ACS-ISO	146
483675	Dichloromethane dry (max. 0,005% water) stabilized with ~0,2% of ethanol DS-ACS-ISO	147
482770	Diethyl Ether dry (max. 0,0075% water) stabilized with ~6 ppm of BHT DS-ACS-ISO	150
481785	N,N-Dimethylformamide dry (max. 0,01% water) DS-ACS-ISO	158
481954	Dimethyl Sulphoxide dry (max. 0,03% water) DS-ACS	161
481296	1,4-Dioxan dry (max. 0,01% water) stabilized with ~25 ppm of BHT DS-ACS-ISO	163
481086	Ethanol absolute dry (max. 0,02% water) DS	170
481318	Ethyl Acetate dry (max. 0,005% water) DS-ACS-ISO	175
482062	n-Heptane dry (max. 0,005% water) DS	202
483242	n-Hexane 95% dry (max. 0,005% water) DS-ACS	207
482064	Isooctane dry (max. 0,005% water) DS-ACS	236
481091	Methanol dry (max. 0,005% water) DS-ACS-ISO	276
482802	Methylcyclohexane dry (max. 0,005% water) DS	270
484462	n-Pentane 95% dry (max. 0,005% water) DS	300
481315	Petroleum Ether 40-60°C dry (max. 0,005% water) DS-ACS-ISO	305
481090	2-Propanol dry (max. 0,01% water) DS-ACS-ISO	349
481457	Pyridine dry (max. 0,01% water) DS-ACS	352
483537	Tetrahydrofuran dry (max. 0,0075% water) stabilized with ~300 ppm of BHT DS-ACS	440
481745	Toluene dry (max. 0,005% water) DS-ACS-ISO	447
483101	Trichloromethane dry (max. 0,005% water) stabilized with ~50 ppm of amylene DS-ACS	451
481769	Xylene, mixture of isomers dry (max. 0,005% water) DS-ISO	469
REAGENTS FOR TRACE ANALYSIS		
Hiperpur-Plus		
711008	Acetic Acid glacial (TMA) HIPERPUR-PLUS	19
711128	Ammonia 20% (as NH3) (TMA) HIPERPUR-PLUS	42
711019	Hydrochloric Acid 35% (TMA) HIPERPUR-PLUS	215
711028	Hydrofluoric Acid 48% (TMA) HIPERPUR-PLUS	218
716323	Hydrogen Peroxide 30% w/w HIPERPUR-PLUS	221
711037	Nitric Acid 69% (TMA) HIPERPUR-PLUS	285
712175	Perchloric Acid 70% (TMA) HIPERPUR-PLUS	302
711058	Sulphuric Acid 93-98% (TMA) HIPERPUR-PLUS	431
711074	Water (TMA) HIPERPUR-PLUS	466
Hiperpur		
721008	Acetic Acid glacial (TMA) HIPERPUR	19
721881	Acetonitrile (HPLC-hypergradient grade) HIPERPUR	25
721128	Ammonia 20% (as NH3) (TMA) HIPERPUR	42
721019	Hydrochloric Acid 35% (TMA) HIPERPUR	215
721028	Hydrofluoric Acid 48% (TMA) HIPERPUR	219
721091	Methanol (HPLC-hypergradient grade) HIPERPUR	264
721037	Nitric Acid 69% (TMA) HIPERPUR	286
722175	Perchloric Acid 70% (TMA) HIPERPUR	302
721058	Sulphuric Acid 93-98% (TMA) HIPERPUR	431
Analpur		
381020	Hydrochloric Acid 37% (TMA) ANALPUR	213
383255	Nitric Acid 65% (TMA) ANALPUR	300
With low content in mercury (Hg)		
471020	Hydrochloric Acid 37% (max.0,000005% Hg) PA-ACS-ISO	213
471914	Hydroxylammonium Chloride (max. 0,000001% Hg) PA-ACS-ISO	223
473255	Nitric Acid 65% (max. 0,0000005% Hg) PA	287
472175	Perchloric Acid 70% (max. 0,0000005% Hg) PA-ACS-ISO	302
471500	Potassium Dichromate (max. 0,000005% Hg) PA-ACS-ISO	327
471527	Potassium Permanganate (max. 0,000005% Hg) PA-ACS	341
471659	Sodium Chloride (max. 0,0000005% Hg) PA-ACS-ISO	371
471058	Sulphuric Acid 95-98% (max. 0,0000005% Hg) PA-ACS-ISO	432
471303	Tin(II) Chloride 2-hydrate (max. 0,000005% Hg) PA-ACS	444
Reagent for Hydrures generation in mercury determination		
123314	Sodium Borohydride (Reag. USP) PA	383
Fluxes and auxiliary products for XRF		
125596	Boric Acid in tablets PA	81
122705	Lanthanum(III) Oxide (Reag. Ph. Eur.) PA	242
123205	Lithium meta-Borate anhydrous PA	247
122903	di-Lithium tetra-Borate PA	247
126150	Micropowder Wax (Licowax C®) PA	278
123052	di-Sodium tetra-Borate anhydrous PA	367
Elemental Standards for AAS and spectrophotometry		
313170	Aluminium standard solution Al=1,000±0,002 g/l AA	405
314133	Antimony standard solution Sb=1,000±0,002 g/l AA	405
313171	Arsenic standard solution As=1,000±0,002 g/l AA	405
313172	Barium standard solution Ba=1,000±0,002 g/l AA	406
313174	Bismuth standard solution Bi=1,000±0,002 g/l AA	406
313175	Cadmium standard solution Cd=1,000±0,002 g/l AA	406
313176	Calcium standard solution Ca=1,000±0,002 g/l AA	406
313179	Chromium standard solution Cr=1,000±0,002 g/l AA	406
313177	Cobalt standard solution Co=1,000±0,002 g/l AA	406
313178	Copper standard solution Cu=1,000±0,002 g/l AA	406
312682	Fluoride standard solution F=1,00±0,005 g/l AA	406
313672	Gold standard solution Au=1,000±0,002 g/l AA	406
313182	Iron standard solution Fe=1,000±0,002 g/l AA	406
313189	Lead standard solution Pb=1,000±0,002 g/l AA	406
313183	Lithium standard solution Li=1,000±0,002 g/l AA	406
313184	Magnesium standard solution Mg=1,000±0,002 g/l AA	406
313185	Manganese standard solution Mn=1,000±0,002 g/l AA	406
313186	Mercury standard solution Hg=1,000±0,002 g/l AA	406
314111	Molybdenum standard solution Mo=1,000±0,002 g/l AA	407
313187	Nickel standard solution Ni=1,000±0,002 g/l AA	407
313190	Potassium standard solution K=1,000±0,002 g/l AA	407
313191	Selenium standard solution Se=1,000±0,002 g/l AA	407
312683	Silicon standard solution Si=1,00±0,05 g/l AA	407
313188	Silver standard solution Ag=1,000±0,002 g/l AA	407
313192	Sodium standard solution Na=1,000±0,002 g/l AA	407
313181	Strontium standard solution Sr=1,000±0,002 g/l AA	407
313180	Tin standard solution Sn=1,000±0,002 g/l AA	407
313960	Titanium standard solution Ti=1,000±0,002 g/l AA	407
313193	Zinc standard solution Zn=1,000±0,002 g/l AA	407
Matrix Modifiers and Ionization Buffers for Atomic Absorption		
176167	Buffer Solution Aluminium Nitrate/ Cesium Chloride RE	87
176168	Buffer Solution Cesium Chloride/ Lanthanum Chloride RE	87
176166	Lanthanum Matrix Modifier RE	259
176170	Magnesium Matrix Modifier RE	259
176169	Phosphate Matrix Modifier RE	259
Standards for ICP		
766034	Aluminium standard solution Al=1,000±0,002 g/l ICP	409
775943	Aluminium standard solution Al=10,00±0,02 g/l ICP	409
766035	Antimony standard solution Sb=1,000±0,002 g/l ICP	409
775944	Antimony standard solution Sb=10,00±0,02 g/l ICP	409
766036	Arsenic standard solution As=1,000±0,002 g/l ICP	409

766440	Sulphur standard dissolved in oil S=1000±5 mg/g ICP	421	181367	Ammonium Iron(III) Sulphate 0,1 mol/l (0,1N) SV	51	182651	Potassium Permanganate 0,1 mol/l (0,5N) SV	341
766439	Zinc standard dissolved in oil Zn=1000±5 mg/g ICP	421	181144	Ammonium Thiocyanate 0,1 mol/l (0,1N) SV	54	181528	Potassium Permanganate 0,2 mol/l (1N) SV	342
Standards for Ion Chromatography (IC)			182126	Ammonium Thiocyanate 1 mol/l (1N) SV	55	181535	Potassium Thiocyanate 0,1 mol/l (0,1N) SV	345
784241	Ammonium standard solution NH4=1,000±0,002 g/l IC	421	181184	Barium Chloride 0,1 mol/l (0,1M) SV	64	182564	Silver Nitrate 0,01 mol/l (0,01N) SV	362
786347	Barium standard solution Ba=1,000±0,002 g/l IC	421	182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65	181465	Silver Nitrate 0,02 mol/l (0,02N) SV	362
784239	Bromide standard solution Br=1,000±0,002 g/l IC	421	183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68	182115	Silver Nitrate 0,05 mol/l (0,05N) SV	363
786345	Calcium standard solution Ca=1,000±0,002 g/l IC	421	186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68	181464	Silver Nitrate 0,1 mol/l (0,1N) SV	363
786916	Cesium *standard solution Cs=1,000±0,002 g/l IC	421	182000	Bromine (Bromate-Bromide) 0,05 mol/l (0,1N) SV	79	182116	Silver Nitrate 1 mol/l (1N) SV	363
786918	Cobalt *standard solution Co=1,000±0,002 g/l IC	421	182136	Cerium(IV) Sulphate 0,05 mol/l (0,05N) SV	114	183706	Sodium Acetate 0,1 mol/l (0,1N) in acetic acid SV	365
786919	Copper *standard solution Cu=1,000±0,002 g/l IC	421	181249	Cerium(IV) Sulphate 0,1 mol/l (0,1N) SV	114	181152	Sodium meta-Arsenite 0,05 mol/l (0,1N) SV	366
786917	Cyanide *standard solution CN=1,000±0,002 g/l IC	421	181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132	181649	Sodium Carbonate 0,5 mol/l (1N) SV	370
784238	Chloride standard solution Cl=1,000±0,002 g/l IC	422	181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178	181661	Sodium Chloride 0,1 mol/l (0,1N) SV	372
786326	Chromate standard solution CrO4=1,000±0,002 g/l IC	422	184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178	184770	Sodium Chloride 1 mol/l (1N) SV	372
786921	Chromium(III) *standard solution Cr=1,000±0,002 g/l IC	422	182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178	182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
786920	Chromium(VI) *standard solution Cr=1,000±0,002 g/l IC	422	181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178	183397	Sodium Hydroxide 0,02 mol/l (0,02N) SV	386
786328	Fluoride standard solution F=1,000±0,002 g/l IC	422	182884	Hydrochloric Acid 0,01 mol/l (0,01N) SV	217	182296	Sodium Hydroxide 0,025 mol/l (0,025N) SV	386
786923	Hydrazine *standard solution NH2NH3=1,000±0,002 g/l IC	422	182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217	181584	Sodium Hydroxide 0,04 mol/l (0,04N) SV	386
786924	Hydrogen *standard solution HCO3=1,000±0,002 g/l IC	422	181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217	182153	Sodium Hydroxide 0,05 mol/l (0,05N) SV	386
786934	Iodide *standard solution I=1,000±0,002 g/l IC	422	182318	Hydrochloric Acid 0,25 mol/l (0,25N) SV	217	181693	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
786925	Iron *standard solution Fe=1,000±0,002 g/l IC	422	185423	Hydrochloric Acid 0,310 mol/l (1,128% w/v) SV	217	181694	Sodium Hydroxide 0,1 mol/l (0,1N) SV	387
786931	Lead *standard solution Pb=1,000±0,002 g/l IC	422	183878	Hydrochloric Acid 0,3571 mol/l (N/2,8) SV	217	182284	Sodium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	387
786348	Lithium standard solution Li=1,000±0,002 g/l IC	422	181022	Hydrochloric Acid 0,5 mol/l (0,5N) SV	217	183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
786346	Magnesium standard solution Mg=1,000±0,002 g/l IC	422	181021	Hydrochloric Acid 1 mol/l (1N) SV	217	182971	Sodium Hydroxide 0,2 mol/l (0,2N) SV	387
786350	Manganese standard solution Mn=1,000±0,002 g/l IC	422	182108	Hydrochloric Acid 2 mol/l (2N) SV	217	182155	Sodium Hydroxide 0,25 mol/l (0,25N) SV	387
786926	Mercury *standard solution Hg=1,000±0,002 g/l IC	422	182057	Hydrochloric Acid 3 mol/l (3N) SV	218	183337	Sodium Hydroxide 0,313 mol/l (0,313N) SV	387
786927	Nickel *standard solution Ni=1,000±0,002 g/l IC	422	183879	Hydrochloric Acid 3,571 mol/l (3,571N) SV	218	182156	Sodium Hydroxide 0,3546 mol/l (N/2,82) SV	387
784237	Nitrate standard solution NO3=1,000±0,002 g/l IC	422	182109	Hydrochloric Acid 5 mol/l (5N) SV	218	181692	Sodium Hydroxide 0,5 mol/l (0,5N) SV	387
786327	Nitrite standard solution NO2=1,000±0,002 g/l IC	423	181969	Iodine 0,01 mol/l (0,02N) SV	228	181691	Sodium Hydroxide 1 mol/l (1N) SV	387
786325	Nitrogen standard solution N=1,000±0,002 g/l IC	423	182915	Iodine 0,02365 mol/l (0,0473N) ASTM D 1510 SV	228	182415	Sodium Hydroxide 1 mol/l (1N) SV	388
786928	Nitrogen (NO2-) *standard solution N=1,000±0,002 g/l IC	423	182161	Iodine 0,025 mol/l (0,05N) SV	228	182265	Sodium Hydroxide 1 mol/l (1N) ethanolic SV	388
786929	Nitrogen (NO3-) *standard solution N=1,000±0,002 g/l IC	423	181772	Iodine 0,05 mol/l (0,1N) SV	228	182158	Sodium Hydroxide 2 mol/l (2N) SV	388
784236	Phosphate standard solution PO4=1,000±0,002 g/l IC	423	182162	Iodine 0,5 mol/l (1N) SV	228	183466	Sodium Hydroxide 4 mol/l (4N) SV	388
786922	Phosphorus *standard solution P=1,000±0,002 g/l IC	423	181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255	182159	Sodium Hydroxide 5 mol/l (5N) SV	388
784242	Potassium standard solution K=1,000±0,002 g/l IC	423	182138	Mercury(II) Nitrate 0,005 mol/l (0,01N) SV	262	182292	Sodium Thiocyanate 0,1 mol/l (0,1N) SV	401
786932	Rubidium *standard solution Rb=1,000±0,002 g/l IC	423	181425	Mercury(II) Nitrate 0,01 mol/l (0,02N) SV	262	182577	Sodium Thiosulphate 0,01 mol/l (0,01N) SV	402
786930	Silver *standard solution Ag=1,000±0,002 g/l IC	423	181424	Mercury(II) Nitrate 0,05 mol/l (0,1N) SV	262	182914	Sodium Thiosulphate 0,0394 mol/l (0,0394N) ASTM D 1510 SV	402
784243	Sodium standard solution Na=1,000±0,002 g/l IC	423	181040	Nitric Acid 0,1 mol/l (0,1N) SV	288	182160	Sodium Thiosulphate 0,05 mol/l (0,05N) SV	402
786329	Sulphate standard solution SO4=1,000±0,002 g/l IC	423	182111	Nitric Acid 0,5 mol/l (0,5N) SV	288	181723	Sodium Thiosulphate 0,1 mol/l (0,1N) SV	402
786933	Sulfur *standard solution S=1,000±0,002 g/l IC	423	181039	Nitric Acid 1 mol/l (1N) SV	288	183489	Sodium Thiosulphate 0,2 mol/l (0,2N) SV	402
786351	Strontium standard solution Sr=1,000±0,002 g/l IC	423	182112	Nitric Acid 2 mol/l (2N) SV	288	181722	Sodium Thiosulphate 1 mol/l (1N) SV	402
786349	Zinc *standard solution Zn=1,000±0,002 g/l IC	423	182123	Oxalic Acid 0,025 mol/l (0,05N) SV	294	182102	Sulphuric Acid 0,01 mol/l (0,02N) SV	434
786937	Multielement standard solution, anionic III IC	423	181043	Oxalic Acid 0,05 mol/l (0,1N) SV	295	182103	Sulphuric Acid 0,025 mol/l (0,05N) SV	434
786938	Multielement standard solution, anionic IV IC	424	181042	Oxalic Acid 0,5 mol/l (1N) SV	295	181061	Sulphuric Acid 0,05 mol/l (0,1N) SV	434
786939	Multielement standard solution, anionic V IC	424	181047	Perchloric Acid 0,1 mol/l (0,1N) in 1,4-dioxan SV	304	182011	Sulphuric Acid 0,1 mol/l (0,2N) SV	434
786941	Multielement standard solution, cationic II IC	424	181046	Perchloric Acid 0,1 mol/l (0,1N) in acetic acid SV	304	183335	Sulphuric Acid 0,1275 mol/l (0,255N) SV	434
786942	Multielement standard solution, cationic III IC	424	185310	Perchloric Acid 1 mol/l (1N) SV	304	181060	Sulphuric Acid 0,25 mol/l (0,5N) SV	434
786943	Multielement standard solution, cationic IV IC	424	181488	Potassium Bromate 1/60 mol/l (0,1N) SV	321	181059	Sulphuric Acid 0,5 mol/l (1N) SV	434
VOLUMETRY			182252	Potassium Chloride 1 mol/l (1N) SV	324	182105	Sulphuric Acid 1 mol/l (2N) SV	435
Volumetric Solutions			182251	Potassium Chloride 0,1 mol/l (0,1N) SV	324	182106	Sulphuric Acid 2,5 mol/l (5N) SV	435
181011	Acetic Acid 0,1 mol/l (0,1N) SV	21	185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327	185314	Sulphuric Acid 4 mol/l (8N) SV	435
182118	Acetic Acid 0,5 mol/l (0,5N) SV	21	184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327	186364	Sulphuric Acid 5 mol/l (10N) SV	435
181009	Acetic Acid 1 mol/l (1N) SV	21	181502	Potassium Dichromate 1/60 mol/l (0,1N) SV	327	183669	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in 2-propanol/methanol (11:1) SV	438
181132	Ammonia 1 mol/l (1N) SV	43	182142	Potassium Dichromate 1/24 mol/l (0,25N) SV	328	185225	Tetrabutylammonium Hydroxide 0,1 mol/l (0,1N) in toluene/methanol (9:1) SV	439
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50	181501	Potassium Dichromate 1/6 mol/l (1N) SV	328	182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50	181504	Potassium Hexacyanoferrate(III) 0,1 mol/l (0,1N) SV	330	181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
182145	Potassium Hydroxide 2 mol/l (2N) SV	336	181521	Potassium Hydroxide 0,1 mol/l (0,1N) SV	335	Concentrated Volumetric Solutions		
181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337	182146	Potassium Hydroxide 0,1 mol/l (0,1N) ethanolic SV	335	303116	Ammonium Thiocyanate 0,1 mol (7,612g NH4SCN) to prepare 1l of 0,1N solution SVc	55
182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337	182147	Potassium Hydroxide 0,1 mol/l (0,1N) methanolic SV	335	303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g C10H14N2Na2O8.2H2O) to prep. 1l of 0,1M sol. SVc	178
181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338	183336	Potassium Hydroxide 0,1 mol/l (0,1N) in 2-propanol SV	335	303110	Hydrochloric Acid 0,1 mol (3,646g HCl) to prepare 1l of 0,1N solution SVc	217
182256	Potassium Iodide 1 mol/l (1N) SV	338	183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336	303111	Hydrochloric Acid 0,5 mol (18,230g HCl) to prepare 1l of 0,5N solution SVc	217
182114	Potassium Permanganate 0,01 mol/l (0,05N) SV	341	181518	Potassium Hydroxide 0,5 mol/l (0,5N) SV	336	303112	Hydrochloric Acid 1 mol (36,461g HCl) to prepare 1l of 1N solution SVc	217
181529	Potassium Permanganate 0,02 mol/l (0,1N) SV	341	181519	Potassium Hydroxide 0,5 mol/l (0,5N) ethanolic SV	336	303119	Iodine 0,05 mol (12,690g I2) to prepare 1l of 0,1N solution SVc	228
182145	Potassium Hydroxide 2 mol/l (2N) SV	336	181520	Potassium Hydroxide 0,5 mol/l (0,5N) methanolic SV	336	303113	Oxalic Acid 0,05 mol (6,303g C2H2O4) to prepare 1l of 0,1N solution SVc	295
181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337	181517	Potassium Hydroxide 1 mol/l (1N) SV	336	303120	Potassium Dichromate 1/60 mol (4,903g K2Cr2O7) to prepare 1l of 0,1N solution SVc	328
182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337	184438	Potassium Hydroxide 1 mol/l (1N) ethanolic SV	336	303121	Potassium Hydroxide 0,1 mol (5,611g KOH) to prepare 1l of 0,1N solution SVc	335
181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338	182145	Potassium Hydroxide 2 mol/l (2N) SV	336	303122	Potassium Hydroxide 0,5 mol (28,054g KOH) to prepare 1l of 0,5N solution SVc	336
182256	Potassium Iodide 1 mol/l (1N) SV	338	181541	Potassium Iodate 0,05 mol/l (0,3N) SV	337	303123	Potassium Hydroxide 1 mol (56,109g KOH) to prepare 1l of 1N solution SVc	336
182114	Potassium Permanganate 0,01 mol/l (0,05N) SV	341	182806	Potassium Iodate 1/60 mol/l (0,1N) SV	337	303124	Potassium Permanganate 0,02 mol (3,161g KMnO4) to prepare 1l of 0,1N solution SVc	341
181529	Potassium Permanganate 0,02 mol/l (0,1N) SV	341	181544	Potassium Iodide 0,1 mol/l (0,1N) SV	338	303117	Silver Nitrate 0,1 mol (16,987g AgNO3) to prepare 1l of 0,1N solution SVc	363

303125	Sodium Hydroxide 0,1 mol (4,000g NaOH) to prepare 1l of 0,1N solution SvC	387
303126	Sodium Hydroxide 1 mol (40,00g NaOH) to prepare 1l of 1N solution SvC	388
303127	Sodium Thiosulphate 0,1 mol (24,818g Na ₂ S ₂ O ₅ ·5H ₂ O) to prepare 1l of 0,1N solution SvC	402
303114	Sulphuric Acid 0,05 mol (4,904g H ₂ SO ₄) to prepare 1l of 0,1N solution SvC	434
303115	Sulphuric Acid 0,5 mol (49,039g H ₂ SO ₄) to prepare 1l of 1N solution SvC	434
Standards for Volumetric Analysis		
241151	Arsenic(III) Oxide EQP-ACS	60
241014	Benzoic Acid EQP	69
241487	Potassium Bromate EQP-ACS-ISO	321
241494	Potassium Chloride EQP-ACS-ISO	323
241500	Potassium Dichromate (Reag. Ph. Eur.) EQP-ISO	326
242697	Potassium Hydrogen Diiodate EQP-ACS	330
241481	Potassium Hydrogen Phthalate EQP-ACS-ISO	333
241540	Potassium Iodate EQP-ACS-ISO	337
241459	Silver Nitrate EQP-ACS-ISO	362
241648	Sodium Carbonate anhydrous EQP-ACS-ISO	369
241659	Sodium Chloride EQP-ACS-ISO	371
241706	di-Sodium Oxalate EQP-ACS	393
241719	Sodium Tartrate 2-hydrate EQP-ACS	400
241940	Tris (Hydroxymethyl) Aminomethane EQP-ACS	459
241786	Zinc Oxide EQP-ACS	474
COMPLEXOMETRY		
Indicators		
122619	Alizarin-3-Methylamine-N,N-Diacetic Acid (Reag. Ph. Eur.) PA	32
121605	Alizarin Red S (C.I. 58005) PA	32
122370	Arsenazo III (Reag. USP) PA	60
122638	Bromopyrogallol Red PA	86
122053	Calcein PA	101
124537	Calcon (C.I. 15705) PA	108
123575	Calconcarboxylic Acid (Reag. Ph. Eur.) PA	108
131791	Dithizone (Reag. Ph. Eur.) PA-ACS	165
131439	Eriochrome Black T (C.I. 14645) PA-ACS	168
281440	Eriochrome Black T solution 1% RV	168
124253	Eriochrome cyanine R (C.I. 43820) PA	168
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
131352	8-Hydroxyquinoline (Reag. Ph. Eur.) PA-ACS	225
285406	Indicator Buffer Tablets RV	226
131617	Methyl Red (C.I. 13020) PA-ACS	276
132618	Methylthymol Blue Sodium Salt PA-ACS	277
131436	Murexide (C.I. 56085) (Reag. Ph. Eur.) PA-ACS	280
281437	Murexide 1% in Sodium Chloride RV	280
133066	Naphthol Green B (C.I. 10020) PA-ACS	281
132637	Phthalein Purple PA-ACS	315
132071	4-(2-Pyridylazo) Resorcinol mono-Sodium Salt 1-hydrate (Reag. Ph. Eur.) PA-ACS	353
122643	Pyrocatechol Violet PA	354
122639	Pyrogallol Red PA	354
131668	Sodium Diethyldithiocarbamate 3-hydrate (Reag. Ph. Eur.) PA-ACS	375
12C071	SPADNS PA	420
132838	5-Sulphosalicylic Acid 2-hydrate (Reag. Ph. Eur.) PA-ACS	430
122470	Titan Yellow (C.I. 19540) PA	446
132617	Xylenol Orange Tetrasodium Salt PA-ACS	472
Reagents for Complexometry		
131026	Ethylenediaminetetraacetic Acid PA-ACS	177
144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
142091	Ethylenediaminetetraacetic Acid Dipotassium Salt 2-hydrate PRS	177
142093	Ethylenediaminetetraacetic Acid Dipotassium Magnesium Salt 2-hydrate PRS	177
131669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	178
141952	Ethylenediaminetetraacetic Acid Tetrasodium Salt 4-hydrate PRS	178
144108	Ethylenediaminetetraacetic Acid Tripotassium Salt 2-hydrate PRS	179
132346	Nitrile tri-Acetic Acid (Reag. Ph. Eur.) PA-ACS	289
121750	Triethanolamine PA	455
Volumetric Solutions for Complexometry		
181184	Barium Chloride 0,1 mol/l (0,1M) SV	64
182131	Barium Perchlorate 0,005 mol/l (0,005M) aqueous-alcoholic solution SV	65
281280	Complexon-Magnesium 0,1 mol/l RV	127
181271	Copper(II) Sulphate 0,1 mol/l (0,1M) SV	132
181671	Ethylenediaminetetraacetic Acid Disodium Salt 0,01 mol/l (0,01M) SV	178

184489	Ethylenediaminetetraacetic Acid Disodium Salt 0,01785 mol/l (0,01785M) SV	178
182120	Ethylenediaminetetraacetic Acid Disodium Salt 0,05 mol/l (0,05M) SV	178
181670	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol/l (0,1M) SV	178
303118	Ethylenediaminetetraacetic Acid Disodium Salt 0,1 mol (37,224g C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O) to prep. 1l of 0,1M sol. SvC	178
181405	Magnesium Sulphate 0,1 mol/l (0,1M) SV	255
282298	Sodium Acetate 0,1 mol/l (0,1M) RV	365
281634	Sodium Acetate 1 mol/l (1M) RV	365
182163	Zinc Sulphate 0,05 mol/l (0,05M) SV	477
181789	Zinc Sulphate 0,1 mol/l (0,1M) SV	477
Buffer for Complexometry		
281730	Buffer Solution pH 10 RV	87
INDICATORS		
pH Indicators		
121094	Alizarin (C.I. 58000) PA	32
121605	Alizarin Red S (C.I. 58005) PA	32
121105	Alizarin Yellow GG (C.I. 14025) PA	33
121106	Alizarin Yellow R (C.I. 14030) PA	33
122593	Bromochlorophenol Blue PA	81
131759	Bromocresol Green PA-ACS	82
121546	Bromocresol Purple PA	82
125027	Bromocresol Purple Sodium Salt PA	82
131165	Bromophenol Blue PA-ACS	86
122638	Bromopyrogallol Red PA	86
131167	Bromothymol Blue PA-ACS	86
121609	Chlorophenol Red PA	121
121272	Cochineal (C.I. 75470) PA	127
121611	Congo Red (C.I. 22120) PA	128
122644	o-Cresolphthalein PA	132
121548	m-Cresol Purple PA	132
121613	Cresol Red PA	132
124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
121292	4-(Dimethylamino) Azobenzene (C.I. 11020) PA	156
121344	Hematoxylin (C.I. 75290) (Reag. USP) PA	201
121747	Litmus soluble PA	249
171747	Litmus soluble RE	249
121107	Metanil Yellow (C.I. 13065) PA	264
131431	Methyl Orange (C.I. 13025) PA-ACS	273
131617	Methyl Red (C.I. 13020) PA-ACS	276
133234	Methyl Red Sodium Salt (C.I. 13020) PA-ACS	276
132618	Methylthymol Blue Sodium Salt PA-ACS	277
121619	Neutral Red (C.I. 50040) PA	282
122031	4-Nitrophenol PA	291
131325	Phenolphthalein (Reag. Ph. Eur.) PA-ACS	309
131615	Phenol Red PA-ACS	309
133331	Phenol Red Sodium Salt PA-ACS	310
122849	Quinaldine Red PA	355
121591	Resazurin PA	355
121051	Rosolic Acid (C.I. 43800) PA	357
131173	Thymol Blue PA-ACS	444
131739	Thymolphthalein PA-ACS	444
122470	Titan Yellow (C.I. 19540) PA	446
pH Indicators in solution		
281095	Alizarin solution 0,1% RV	32
281760	Bromocresol Green solution 0,04% RV	82
282861	Bromocresol Purple solution 0,025% RV	82
281547	Bromocresol Purple solution 0,04% RV	82
283357	Bromocresol Purple 0,2% tablets 0,1g RV	82
281166	Bromophenol Blue solution 0,04% RV	86
281168	Bromothymol Blue solution 0,04% RV	86
281614	Cresol Red solution 0,04% RV	133
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
281748	Litmus stain RV	249
281433	Methyl Orange solution 0,04% RV	273
281432	Methyl Orange solution 0,1% RV	273
281618	Methyl Red solution 0,1% RV	276
281109	Methyl Yellow solution 0,5% RV	278
281620	Neutral Red solution 0,1% RV	282
281326	Phenolphthalein solution 0,2% RV	309
281327	Phenolphthalein solution 1% RV	309
281616	Phenol Red solution 0,02% RV	309
281370	Universal Indicator of pH, solution RV	313
281175	Thymol Blue solution 0,04% RV	444
281740	Thymolphthalein solution 0,1% RV	444
pH Indicators papers		
524150	Universal Paper Reel pH 1-11 (gradation 1,0)	312
524151	Universal Paper Reel pH 1-14 (gradation 1,0/2,0)	312
524152	Special Paper Reel pH 5,5-9, (gradation 0,5)	312
524153	Special Paper Reel pH 3,8-5,8 (gradation 0,2/0,3)	312
524154	Special Paper Reel pH 0,5-5,5 (gradation 0,5)	312

524155	Special Paper Reel pH 9,0-13,0 (gradation 0,5)	312
524169	Tricolor Paper Reel pH 1-11 (gradation 1,0)	312
524156	Strips pH 3,8-5,5 (gradation 0,2/0,3)	312
524157	Strips pH 6,0-8,1 (gradation 0,3)	312
524158	Strips pH 2,8-4,6 (gradation 0,2/0,3)	312
524159	Strips pH 1-12 (gradation 1,0)	312
524160	Strips pH 5,2-6,8 (gradation 0,2/0,3)	312
524161	Strips pH 1,8-3,8 (gradation 0,2/0,3)	312
524162	Strips pH 7,2-8,8 (gradation 0,2/0,3)	312
524163	Strips pH 9,5-12,0 (gradation 0,5)	313
524164	Non bleeding sticks pH 0-14 (gradation 1,0)	313
524165	Non bleeding sticks pH 4,5-10,0 (gradation 0,5)	313
524166	Non bleeding sticks pH 3,6-6,1 (gradation 0,3/0,5)	313
524167	Non bleeding sticks pH 0,0-6,0 (gradation 0,5)	313
524168	Non bleeding sticks pH 7,0-14,0 (gradation 0,5)	313
Indicators for non aqueous titrations		
131762	Crystal Violet (C.I. 42555) PA-ACS	133
281764	Crystal Violet solution 0,5% in acetic acid RV	133
122849	Quinaldine Red PA	355
123605	3',3',5',5'-Tetrabromophenolphthalein Ethyl Ester Potassium Salt PA	438
Redox Indicators		
132056	2,6-Dichlorophenol Indophenol Sodium Salt 2-hydrate (Reag. Ph. Eur.) PA-ACS	148
131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
121828	Diphenylamine PA	164
123577	1,5-Diphenylcarbazide PA	165
283462	Ferriin solution 0,025 mol/l (0,025M) RV	183
131321	1,10-Phenanthroline 1-hydrate PA-ACS	308
122353	4-(Phenylamino) Benzenesulphonic Acid Barium Salt PA	310
132845	4-(Phenylamino) Benzenesulphonic Acid Sodium Salt PA-ACS	310
Adsorption Indicators		
131165	Bromophenol Blue PA-ACS	86
131167	Bromothymol Blue PA-ACS	86
133606	2',7'-Dichlorofluorescein (Reag. Ph. Eur.) PA-ACS	145
131828	Diphenylamine (Reag. Ph. Eur.) PA-ACS	164
133577	1,5-Diphenylcarbazide (symmetrical) (Reag. Ph. Eur.) PA-ACS	164
132228	1,5-Diphenylcarbazone (contains diphenylcarbazide) (Reag. Ph. Eur.) PA-ACS	165
252782	Eosin Bluish (C.I. 45400) DC	167
131299	Eosin Yellowish (C.I. 45380) PA-ACS	168
121832	Fluorescein (C.I. 45350) PA	184
122389	Fluorescein Sodium (C.I. 45350) PA	184
122470	Titan Yellow (C.I. 19540) PA	446
Miscellaneous Indicators		
281366	Alum Iron Ammonium saturated solution RV	37
124886	Amaranth (C.I. 16185) (Reag. USP) PA	37
124746	Curcumin (C.I. 75300) (Reag. Ph. Eur.) PA	134
122844	3,8-Diamino-5-Methyl-6-Phenylphenanthridinium Bromide (Reag. Ph. Eur.) PA	141
123376	Disulphine Blue (C.I. 42045) PA	165
123718	Ethyl Violet (C.I. 42600) PA	182
286330	Indicator, Mixed (Dimidium Bromide-Disulphine Blue) RV	226
282430	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) RV	226
283303	Indicator 4,8, Mixed (Methyl Red-Bromocresol Green) RV	226
285406	Indicator Buffer Tablets RV	226
121814	Orange II (C.I. 15510) PA	293
281498	Potassium Chromate solution 5% w/v RV	325
281499	Potassium Chromate solution 10% w/v RV	325
121096	Starch from Potato soluble (Reag. USP, Ph. Eur.) PA	426
283146	Starch solution 1% RV	426
pH BUFFERS		
Solutions		
272580	Buffer Solution pH 1,00 ±0,02 (20°C) ST	88
272581	Buffer Solution pH 2,00 ±0,02 (20°C) ST	88
272537	Buffer Solution pH 3,00 ±0,02 (20°C) ST	88
272168	Buffer Solution pH 4,00 ±0,02 (20°C) ST	89
273616	Buffer Solution pH 4,00 ±0,02 (20°C) (red colour) ST	89
272582	Buffer Solution pH 5,00 ±0,02 (20°C) ST	89
272549	Buffer Solution pH 6,00 ±0,02 (20°C) ST	89
272170	Buffer Solution pH 7,00 ±0,02 (20°C) ST	89
273617	Buffer Solution pH 7,00 ±0,02 (20°C) (yellow colour) ST	89
273108	Buffer Solution pH 7,02 ±0,02 (20°C) ST	90
272583	Buffer Solution pH 8,00 ±0,02 (20°C) ST	90
272172	Buffer Solution pH 9,00 ±0,02 (20°C) ST	90

273107	Buffer Solution pH 9,23 ±0,02 (20°C) ST	90
272584	Buffer Solution pH 10,00 ±0,05 (20°C) ST	90
273618	Buffer Solution pH 10,00 ±0,05 (20°C) (blue colour) ST	90
272585	Buffer Solution pH 11,00 ±0,05 (20°C) ST	91
272586	Buffer Solution pH 12,00 ±0,05 (20°C) ST	91
272587	Buffer Solution pH 13,00 ±0,05 (20°C) ST	91
273301	Buffer Solution pH 7,40 ±0,02 (20°C) ST	91
273302	Buffer Solution pH 7,60 ±0,02 (20°C) ST	91
pH buffers in capsules		
293164	pH Buffer 4,01 ±0,02 (25°C) (capsules) STc	88
293165	pH Buffer 7,00 ±0,02 (25°C) (capsules) STc	88
293166	pH Buffer 9,00 ±0,02 (25°C) (capsules) STc	88
293167	pH Buffer 10,00 ±0,02 (25°C) (capsules) STc	88
TISAB SOLUTIONS		
275210	TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST	445
274765	TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST	445
273526	TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST	445
273531	TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST	445
275211	TISAB B (F.C.C.) in food analysis ST	445
AUXILIARY SOLUTIONS FOR pH-METRY		
For pH Scales		
171023	Hydrochloric Acid 0,1 mol/l (0,1N) RE	226
171694	Sodium Hydroxide 0,1 mol/l (0,1N) RE	402
For Electrodes		
285316	Aluminium Sulphate 0,9 mol/l RV	36
285251	Diaphragms Cleaning Solution RV	141
285253	Electrode-Reactivating Solution RV	166
285250	Lithium Chloride 1 mol/l in ethanol RV	248
285249	Lithium Chloride 1 mol/l in glacial acetic acid RV	248
281495	Potassium Chloride saturated solution RV	324
282775	Potassium Chloride 3 mol/l RV	324
282923	Potassium Chloride 3 mol/l + Silver Chloride RV	324
285252	Protein Cleaning Solution RV	351
REDOX STANDARDS		
395443	Redox Standard 220 mV (25°C) RS	424
395442	Redox Standard 468 mV (25°C) RS	424
REAGENTS FOR DETERMINATION OF COD IN WATER		
131368	Ammonium Iron(II) Sulphate 6-hydrate (Reag. Ph. Eur.) PA-ISO	50
181369	Ammonium Iron(II) Sulphate 0,1 mol/l (0,1N) SV	50
185227	Ammonium Iron(II) Sulphate 0,12 mol/l (0,12N) SV	50
131362	Iron(II) Sulphate 7-hydrate PA-ACS	231
132166	Mercury(II) Sulphate PA-ACS	263
284289	Mercury(II) Sulphate sol. 200 g/l in diluted sulphuric acid RV	263
131032	ortho-Phosphoric Acid 85% PA-ACS-ISO	313
174290	Potassium Dichromate 0,02 mol/l (0,02M) RE	327
185836	Potassium Dichromate 0,02 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
184385	Potassium Dichromate 0,04 mol/l with 80 g/l of Mercury(II) Sulphate SV	327
131801	Silver Sulphate PA-ACS	363
282922	Silver Sulphate solution 6,6 g/l in sulphuric acid RV	363
283098	Silver Sulphate solution 10 g/l in sulphuric acid RV	363
284291	Silver Sulphate solution 80 g/l in sulphuric acid RV	364
394642	COD Standard (50 ppm) RS	407
394547	COD Standard (150 ppm) RS	407
394640	COD Standard (500 ppm) RS	408
394546	COD Standard (1.000 ppm) RS	408
394641	COD Standard (3.000 ppm) RS	408
394545	COD Standard (7.000 ppm) RS	408
131058	Sulphuric Acid 96% PA-ISO	432
185314	Sulphuric Acid 4 mol/l (8N) SV	435
CERTIFIED REFERENCE MATERIALS		
345411	Reference Standard for Olive Oil CRS	424
345268	Certified Control Material for Oenological analysis (Red Wine) CRS	426
345271	Certified Control Material for Oenological analysis (White Wine) CRS	426
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426

SPECIAL REAGENTS		
Reagents according to Karl Fischer		
281574	Karl Fischer's Reagent Composite RV	238
282420	Karl Fischer's Reagent Solution A RV	239
282421	Karl Fischer's Reagent Solution B RV	239
Pyridine-free Karl Fischer reagents		
285820	AQUAMETRIC Buffer RV	57
285813	AQUAMETRIC Composite 2RV	58
285812	AQUAMETRIC Composite 5 RV	58
285814	AQUAMETRIC Composite 5K RV	58
286181	AQUAMETRIC Coulomat A RV	58
286182	AQUAMETRIC Coulomat C RV	58
285817	AQUAMETRIC Solvent RV	58
285819	AQUAMETRIC Solvent CM RV	58
285818	AQUAMETRIC Solvent Oil RV	58
286154	AQUAMETRIC Solvent Oil B RV	58
285816	AQUAMETRIC Titrant 2 RV	58
285815	AQUAMETRIC Titrant 5 RV	59
285821	AQUAMETRIC Working Medium RV	59
281956	Formamide AQUAMETRIC KF dry RV	191
Auxiliaries to Karl Fischer Technique		
171091	Methanol according to Karl Fischer RE	266
171457	Pyridine (max. 0,02% water) according to Karl Fischer RE	353
Water Hardness		
171386	Hydrotimetric Liquor RE	231
ASTM Methods		
124850	Bromine Index AMCS solution PA	79
125535	Bromine Index AMDS solution PA	79
125397	Bromine Index AMPS solution PA	79
172062	n-Heptane (ASTM) RE	211
172064	Isooctane (ASTM) RE	236
124860	Mixture TAN PA	278
124856	Mixture TBN PA	278
125396	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w PA	310
171659	Sodium Chloride ASTM B117-09 RE	372
175305	Sodium Chloride solution ASTM B117-09 RE	372
175506	Sodium Plumbite solution (Doctor solution) RE	396
Other Standardized Methods		
173655	Concentrated solution for the sand equivalent determination RE	133
Ion Exchange Resins		
125436	Cation Exchange Resin Strongly Acidic PA	118
175106	Ion Exchange Resin Strongly Acidic RE	239
Reagents for Determination of Biocides		
175154	WSCP Kit RE	468
175166	WSCP Kit Refill RE	469
FOOD ANALYSIS		
Vinikit: Analysis of Wines and Vinegars		
624573	Alkaline Solution (Potassium Sodium Tartrate) 0,886 mol/l VINIKIT	33
624566	Bromothymol Blue solution 0,4% VINIKIT	87
625409	Calcium Hydroxide 2 mol/l (suspension) VINIKIT	106
625516	Calcium Indicator, tablets VINIKIT	106
624582	Cupric Solution 0,168 mol/l VINIKIT	134
625108	Eluent for Malo-Lactic Kit VINIKIT	166
624568	Fehling's A Reagent VINIKIT	183
624569	Fehling's B Reagent VINIKIT	183
621567	Folin-Ciocalteu's Reagent VINIKIT	189
621387	Gypsummetric Liquor VINIKIT	209
625567	Hydrochloric Acid 10 g/l VINIKIT	216
624574	Hydrochloric Acid-Water solution 50:50 VINIKIT	216
625513	Hydrogen Peroxide 10% w/v (-33 vol.) stabilized VINIKIT	221
622772	Hydrogen Peroxide 3% w/v (10 vol.) stabilized VINIKIT	221
624904	Hydrogen Peroxide 0,9% w/v (3 vol.) VINIKIT	222
624905	Indicator 4,4, Mixed (Methyl Red-Methylene Blue) VINIKIT	226
621969	Iodine 0,01 mol/l (0,02N) VINIKIT	228
624906	Iron standard solution Fe=0,100±0,002 g/l VINIKIT	230
625515	Iron standard solution Fe=0,125±0,005 g/l VINIKIT	230
624617	Iron standard solution Fe=0,200±0,002 g/l VINIKIT	230
625079	Malo-Lactic Kit VINIKIT	256
621327	Phenolphthalein solution 1% VINIKIT	309
621507	Potassium Hexacyanoferrate(II) solution 10% w/v VINIKIT	329
621517	Potassium Hydroxide 1 mol/l (1N) VINIKIT	336
624572	Potassium Iodide solution 30% w/v VINIKIT	338
625514	Potassium Thiocyanate solution 20% w/v VINIKIT	345

624575	Potassium Thiocyanate solution 5% w/v VINIKIT	345
624901	Rebelein's Kit VINIKIT	355
625388	di-Sodium tetra-Borate 10-hydrate solution 4,6% VINIKIT	368
621845	Sodium Hydroxide 0,01 mol/l VINIKIT	388
623397	Sodium Hydroxide 0,02 mol/l (0,02N) VINIKIT	388
624785	Sodium Hydroxide N/49 VINIKIT	388
621694	Sodium Hydroxide 0,1 mol/l (0,1N) VINIKIT	388
624835	Sodium Hydroxide 0,1332 mol/l (0,1332N) VINIKIT	388
624782	Sodium Hydroxide N/4,9 VINIKIT	388
622157	Sodium Hydroxide 0,4 mol/l (0,4N) VINIKIT	389
624836	Sodium Hydroxide 1,666 mol/l (1,666N) VINIKIT	389
624576	Sodium Thiosulphate 0,0551 mol/l (0,0551N) VINIKIT	402
623146	Starch solution 1% VINIKIT	426
624567	Starch solution 2% VINIKIT	426
621062	Sulphuric Acid solution 1/3 w/v VINIKIT	433
624570	Sulphuric Acid solution 16% w/v VINIKIT	434
625891	TISAB-ENOL for wine analysis (Dir. 2676/90) VINIKIT	446
Reference Standards for Wine Analysis		
345268	Certified Control Material for Oenological analysis (Red Wine) CRS	426
345271	Certified Control Material for Oenological analysis (White Wine) CRS	426
625435	Hydroalcoholic Solution 20% v/v VINIKIT	212
625434	Hydroalcoholic Solution 16% v/v VINIKIT	212
625339	Hydroalcoholic Solution 13,5% v/v VINIKIT	212
625338	Hydroalcoholic Solution 11% v/v VINIKIT	212
625337	Hydroalcoholic Solution 8,5% v/v VINIKIT	212
625484	Saccharose solutions pack (14,9% w/w, 19,4% w/w, 23,8% w/w) VINIKIT	357
624867	Saccharose solution 14,9% w/w VINIKIT	357
624868	Saccharose solution 19,4% w/w VINIKIT	357
625241	Saccharose solution 23,8% w/w VINIKIT	357
345269	Standard for Oenology (Methanol and Higher Alcohols) CRS	426
Analysis of Olive Oil		
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
355650	Silan-Sterol-1 CG	360
345411	Reference Standard for Olive Oil CRS	424
Analysis of Milk		
281384	Acidimetric Liquor titrated RV	29
126352	Amido Black 10B Solution for the determination of protein content in milk PA	37
286236	Ammonia Fixative Solution 4% RV	43
283334	Ammonia Fixative Solution 1% RV	43
121140	Ammonium Sulphate PA	53
125715	Amyl Alcohol according to NF V 04-210 PA	55
176131	Azidiol RE	62
144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
182107	Hydrochloric Acid 0,05 mol/l (0,05N) SV	217
181023	Hydrochloric Acid 0,1 mol/l (0,1N) SV	217
121076	Hydrogen Peroxide 30% w/v (100 vol.) PA	221
173349	Kjeldahl Catalyst (Cu-TiO ₂) tablets RE	240
121079	3-Methyl-1-Butanol according to Gerber PA	270
286195	Nitric Acid 4 mol/l (4N) RV	288
173609	Potassium Dichromate solution 10% RE	327
123246	Potassium Dichromate in tablets of 0,1g PA	328
131532	Potassium Sulphate (Reag. Ph. Eur.) PA-ACS-ISO	344
174602	Resazurin tablets of 0,25 g RE	356
131621	Saccharose PA-ACS	357
216241	Silicone antifoaming liquid (AQ) QP	361
181464	Silver Nitrate 0,1 mol/l (0,1N) SV	363
171220	Sodium Hydroxide solution 40% w/w RE	385
121593	Sodium Hydroxide solution 40% w/v PA	386
183154	Sodium Hydroxide 0,111 mol/l (0,111N) according to Dornic SV	387
121674	di-Sodium Phenyl Phosphate 2-hydrate PA	395
173163	Sulphuric Acid 98% RE	433
121010	Sulphuric Acid 90-91% acc. to Gerber PA	433
173253	Sulphuric Acid d(20)=1,522±0,005 according to Van Gulik RE	433
122049	L-Tryptophan PA	460
174748	Wide Spectrum Microtablets I RE	468
175387	Wide Spectrum Microtablets II RE	468
Analysis of Animal Feed		
141005	Acetanilide PRS	18
283334	Ammonia Fixative Solution 1% RV	43

131015	Boric Acid PA-ACS-ISO	81
282928	Boric Acid solution 3% RV	77
282222	Boric Acid solution 4% RV	77
173355	Carrez's Reagent I RE	113
173356	Carrez's Reagent II RE	113
175055	Detergent Acid Solution RE	140
175054	Detergent Neutral Solution RE	140
132213	Hydriodic Acid 57% PA-ACS	212
173350	Kjeldahl Catalyst (Cu) (0,3% in CuSO ₄ .5H ₂ O) tablets RE	239
174428	Kjeldahl Catalyst (Cu) (6,25% in CuSO ₄ .5H ₂ O) tablets RE	239
175639	Kjeldahl Catalyst (Cu) (9% in CuSO ₄ .5H ₂ O) tablets RE	239
172429	Kjeldahl Catalyst (Cu-Se) powder RE	239
172926	Kjeldahl Catalyst (Cu-Se) (1,5% CuSO ₄ .5H ₂ O + 2% Se) tablets RE	239
173349	Kjeldahl Catalyst (Cu-TiO ₂) tablets RE	240
173347	Kjeldahl Catalyst (Hg) tablets RE	240
173348	Kjeldahl Catalyst (Se) tablets RE	240
131426	Mercury(II) Oxide yellow (Reag. Ph. Eur.) PA-ACS	263
121170	Methylene Blue (C.I. 52015) PA	271
171581	Nessler's Reagent RE	282
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
141329	Phosphorus red PRRS	315
183354	Potassium Hydroxide 0,23 mol/l (0,23N) SV	336
211628	Silicone antifoaming liquid (ORG) QP	361
131687	Sodium Hydroxide pellets PA-ACS-ISO	399
171220	Sodium Hydroxide solution 40% w/w RE	385
122666	Sodium Hydroxide solution 32% w/v PA	386
131721	Sodium Thiosulphate 5-hydrate PA-ACS	401
211058	Sulphuric Acid 96% QP	433
173163	Sulphuric Acid 98% RE	433
176191	Sulphuric Acid 0,13 mol/l (0,26N) RE	434
131074	Water PA-ACS	467
Other reagents for Food Analysis		
281380	Acidimetric Liquor titrated RV	29
281381	Acidimetric Liquor titrated RV	29
175307	Buffer for Fungal Falling Number RE	87
281385	Empiric Liquor titrated RV	167
281298	Indicator Solvent RV	226
175570	Kjeldahl Catalyst (Cu-Se) (9% CuSO ₄ .5H ₂ O + 0,9% Se) tablets RE	240
131467	Lead(II) Hydroxideacetate for sugar analysis according to Horne PA-ACS	243
125731	Lead(II) Hydroxideacetate solution according to AOAC for sugar analysis PA	244
174230	Nessler's Reagent A RE	282
174231	Nessler's Reagent B RE	282
175145	OXI-OLEO-TEST RE	295
175164	OXI-OLEO-TEST Refill RE	295
175630	Patent Blue V solution 0,5% w/v RE	298
175723	Patent Blue V solution 5% w/v RE	298
175208	Pepsin 1:10.000 NF RE	301
176408	Liquid Pepsin RE	301
175631	Tartrazine solution 0,5 % w/v RE	437
286079	Zeleny's Reagent RV	472
REAGENTS AND PRODUCTS FOR CLINICAL DIAGNOSTIC		
Reagents for clinical analysis		
251008	Acetic Acid glacial DC	21
251550	Benedict's Reagent qualitative DC	66
251551	Benedict's Reagent quantitative DC	66
251820	Biuret's Reagent DC	75
251283	Creatinine DC	132
251560	Esbach's Reagent DC	169
251563	Fehling's A Reagent DC	183
251564	Fehling's B Reagent DC	183
253203	Fehling's Reagent Composite DC	183
251565	Folin's A Reagent cuprotartaric DC	189
251566	Folin's B Reagent phosphotungstic-molybdic DC	189
251567	Folin-Ciocalteu's Reagent DC	189
251568	Folin-Denis' Reagent DC	190
251193	Gum Benzoin tincture solution 1:10 DC	201
252908	Kovacs' Reagent DC	240
252138	Mercury(II) Nitrate 0,005 mol/l (0,01N) DC	262
251580	Millon's Reagent DC	278
251585	Pandy's Reagent DC	296
251049	Picric Acid saturated solution DC	316
251588	Schiff's Reagent DC	359
251589	Schlesinger's Reagent DC	359
251063	Sulphuric Acid 1/3 mol/l (2/3N) DC	434
252311	o-Toluidine solution 6% DC	449
252373	Trichloroacetic Acid solution 20% w/v DC	450
254833	Voges Proskauer A Reagent DC	466
254832	Voges Proskauer B Reagent DC	466
Reagents for Haematology		
251337	Azur-Eosin-Methylene Blue dye according to Giemsa DC	62
251338	Azur-Eosin-Methylene Blue solution according to Giemsa (slow) DC	62
252317	Brij® 35 aqueous solution 30% w/v DC	78

252164	Buffer Solution pH 7,2 DC	91
252195	Copper(II) Sulphate solution d.1,050 DC	131
253296	Copper(II) Sulphate solution d.1,053 DC	132
253295	Copper(II) Sulphate solution d.1,055 DC	132
251377	Eosin-Methylene Blue dye according to Leishman DC	167
251378	Eosin-Methylene Blue solution according to Leishman DC	167
251415	Eosin-Methylene Blue dye according to May Grünwald DC	167
251416	Eosin-Methylene Blue solution according to May Grünwald DC	167
251767	Eosin-Methylene Blue dye according to Wright DC	168
251768	Eosin-Methylene Blue solution according to Wright DC	168
255486	Evans Blue (C.I. 23860) DC	182
251389	Hayem's Liquor DC	209
254807	Kit for Fast Staining in Haematology (Fast Panoptic) DC	239
251579	Meyer's Reagent DC	278
251355	Sodium Citrate solution 3,8% DC	374
251707	di-Sodium Oxalate 0,1 mol/l (0,1M) DC	393
251390	Türk's Liquor DC	461
Reagents for Microscopy		
Dyes		
252321	Acridine Orange (C.I. 46005) DC	29
254584	Alcian Blue 8 GX (C.I. 74240) DC	32
252036	Amido Black 10B (C.I. 20470) DC	37
253708	Aniline Blue WS (C.I. 42755) DC	56
251162	Auramine O (C.I. 41000) DC	61
251178	Azur II (C.I. 52010+52015) DC	62
255075	Azur B (C.I. 52010) DC	62
252419	Azur C (C.I. 52002) DC	62
253986	Biebrich Scarlet (C.I. 26905) DC	73
253934	Bismarck Brown R (C.I. 21010) DC	78
253935	Bismarck Brown Y (C.I. 21000) DC	74
253998	Blue for fast staining (Panoptic No. 3) DC	75
254367	Brilliant Blue FCF (C.I. 42090) DC	78
251169	Brilliant Cresyl Blue (C.I. 51010) DC	78
251758	Brilliant Green (C.I. 42040) DC	78
251165	Bromophenol Blue DC	86
251167	Bromothymol Blue DC	86
251824	Carmin (Lacquer of carminic acid with calcium and aluminium) (C.I. 75470) DC	112
254354	Carminic Acid (C.I. 75470) DC	113
251611	Congo Red (C.I. 22120) DC	128
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
251762	Crystal Violet (C.I. 42555) DC	133
252782	Eosin Bluish (C.I. 45400) DC	167
253999	Eosin for fast staining (Panoptic No. 2) DC	167
251299	Eosin Yellowish (C.I. 45380) DC	168
253982	Erythrosin B (C.I. 45430) DC	169
255486	Evans Blue (C.I. 23860) DC	182
255668	Fast Green FCF (C.I. 42053) DC	183
251331	Fuchsin Acid (C.I. 42685) DC	193
251332	Fuchsin Basic (C.I. 42510) DC	193
251765	Gentian Violet (C.I. 42535+42555) DC	195
251344	Hematoxylin (C.I. 75290) DC	201
251246	Indigo Carmine (C.I. 73015) DC	226
253987	Lissamine Green B (C.I. 44090) DC	246
251761	Malachite Oxalate Green (C.I. 42000) DC	255
251170	Methylene Blue (C.I. 52015) DC	271
251171	Methylene Blue Alkali DC	271
251704	Methyl Green (C.I. 42585) DC	272
252079	Methyl Violet (C.I. 42535) DC	277
251619	Neutral Red (C.I. 50040) DC	295
254419	Nigrosin water soluble (C.I. 50420) DC	297
254968	Nile Blue A Chloride (C.I. 51180) DC	284
251814	Orange II (C.I. 15510) DC	293
123596	Orange G (C.I. 16230) PA	293
251324	Orcein DC	293
255793	Osmium(VIII) Oxide solution 4% DC	294
254615	Pararosaniline base (C.I. 42500) DC	298
252081	Phloxine B (C.I. 45410) DC	313
253983	Ponceau S (C.I. 27195) DC	320
251591	Resazurin DC	355
255115	Reticulin Kit DC	356
251604	Rhodamine B (C.I. 45170) DC	356
251622	Safranin O (C.I. 50240) DC	357
251731	Sudan III (C.I. 26100) DC	429
251858	Sudan IV (C.I. 26105) DC	429
252069	Sudan Black B (C.I. 26150) DC	429
251734	Tartrazine (C.I. 19140) DC	437
251742	Thionin (C.I. 52000) DC	442
251176	Toluidine Blue O (C.I. 52040) DC	449
251177	Victoria Blue B (C.I. 44045) DC	466
Dyes in solution		
252339	Brilliant Green aqueous solution 5% DC	78
255298	Carazzi's Hematoxylin solution DC	109
251917	Carnoy's Fixing DC	113
251763	Crystal Violet solution 2% DC	133
252532	Crystal Violet Oxalate solution according to Gram-Hucker DC	133

256879	Eosin Yellowish alcoholic solution 1% DC	168
251301	Eosin Yellowish hydroalcoholic solution 1% DC	168
251333	Fuchsin Basic-Carbol solution according to Ziehl DC	193
251766	Gentian Violet Phenique DC	195
252974	Gill's Hematoxylin I solution DC	196
252998	Gill's Hematoxylin II solution DC	196
252999	Gill's Hematoxylin III solution DC	196
253949	Harris Hematoxylin solution DC	201
253453	Hematoxylin solution A according to Weigert DC	202
253454	Hematoxylin solution B according to Weigert DC	202
254884	Kit for Staining Gram-Hucker DC	239
251837	Lactophenol DC	241
253724	Lactophenol Blue solution DC	241
253524	Light Green solution 0,1% DC	245
251774	Lugol's Liquor DC	249
254766	Mayer's Hematoxylin solution DC	259
251172	Methylene Blue Phenicated DC	272
251618	Methyl Red solution 0,1% DC	276
251993	Orcein solution A hydroacetic-hydrochloric solution DC	293
251994	Orcein solution B hydroacetic solution DC	294
253594	Papanicolaou's Solution EA 50 DC	296
253892	Papanicolaou's Solution OG 6 DC	296
251623	Safranin O solution 0,2% DC	358
252531	Safranin O solution according to Gram-Hucker DC	358
252533	Safranin O solution 1% DC	358
253535	Toluidine Blue O solution 1% DC	449
253625	Van Gieson II solution DC	465
Reagents for Fixing		
254102	Bouin Liquor DC	78
255281	Fixative Reagent DC	184
254101	Fixing for fast staining (Panoptic No. 1) DC	184
253500	Fixing B-5 DC	184
253572	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol DC	190
252931	Formaldehyde 3,7-4,0% buffered to pH=7 and stabilized with methanol DC	190
253857	Glutaraldehyde solution 25% DC	198
256462	Histofix® Preservative ready to use DC	209
256700	Histofix® Spray fixative DC	210
255805	Histofix® Substitute of Formaldehyde DC	210
254990	Zenker's Fixing DC	473
Mounting Media		
251179	Canada Balsam DC	109
251001	Cedar Wood Oil DC	113
255254	DPX, mounting medium fast (toluene base) DC	166
256155	DPX, mounting medium slow DC	166
253681	Eukitt®, mounting medium DC	182
251336	Gelatine Gold DC	195
255598	Histofluid®, mounting medium DC	210
251002	Immersion Oil DC	225
254561	Immersion Oil purified DC	226
255811	Mounting Medium for substitutes of xylene DC	280
Paraffins for Histology		
253209	Paraffin M.P. 51-53°C pellets DC	297
255803	Paraffin M.P. 52°C plasticized pellets DC	297
253211	Paraffin M.P. 56-58°C pellets DC	297
254667	Paraffin M.P. 56-58°C plasticized + DMSO pellets DC	297
252913	Paraffin M.P. 56-58°C plasticized pellets DC	297
PPXTRA	Paraplast X-Tra®, Paraffin M.P. 52°C pellets	297
PPPLUS	Paraplast Plus®, Paraffin M.P. 56°C + DMSO pellets	297
PPLAST	Paraplast®, Paraffin M.P. 56-58°C pellets	297
Solvents for Histology		
131007	Acetone (Reag. Ph. Eur.) PA-ACS-ISO	23
251803	Alcohol-Acetone 7:3 DC	32
251804	Alcohol-Hydrochloric 8:2 DC	32
131081	Benzyl Alcohol PA-ACS	71
131082	1-Butanol (Reag. Ph. Eur.) PA-ACS-ISO	92
253139	Citrosol (Substitute of Xylene) DC	125
131296	1,4-Dioxan stabilized with ~25 ppm of BHT (Reag. Ph. Eur.) PA-ACS-ISO	163
131086	Ethanol absolute PA-ACS-ISO	170
251086	Ethanol absolute DC	171
131085	Ethanol 96% v/v PA-ACS	172
251085	Ethanol 96% v/v DC	173
251084	Ethanol-Diethyl Ether 1:1 DC	174
255069	Isoparaffin H (Substitute of Xylene) DC	237
131091	Methanol (Reag. Ph. Eur.) PA-ACS-ISO	266
131903	2-Methyl-2-Propanol (Reag. Ph. Eur.) PA-ACS	275
131745	Toluene (Reag. Ph. Eur.) PA-ACS-ISO	447
256065	Vitrosec® dehydrating DC.	478
251769	Xylene, mixture of isomers DC	470
135212	Xylene, mixture of isomers, low in ethylbenzene (max. 4%) PA-ACS-ISO	470

Decalcifiers for Histology

256239	Histofix® decalcifier 1 DC	209
256238	Histofix® decalcifier 2 DC	210
256237	Histofix® decalcifier 3 DC	210
256284	Histofix® marrow decalcifier DC	210

PRODUCTS FOR ELECTROPHORESIS

252036	Amido Black 10B (C.I. 20470) DC	37
254933	Coomassie Brilliant Blue G 250 (C.I. 42655) DC	128
254932	Coomassie Brilliant Blue R 250 (C.I. 42660) DC	128
253983	Ponceau S (C.I. 27195) DC	320

ELECTRONIC GRADE PRODUCTS

871007	Acetone (VLSI) EG	22
861007	Acetone (MOS) EG	22
871202	n-Butyl Acetate (VLSI) EG	95
875599	Hexamethyldisilazane (VLSI) EG	204
871020	Hydrochloric Acid 37% (VLSI) EG	213
861020	Hydrochloric Acid 37% (MOS) EG	213
876324	Hydrofluoric Acid 50% (VLSI) EG	218
866324	Hydrofluoric Acid 50% (MOS) EG	218
876323	Hydrogen Peroxide 30% w/w (VLSI) EG	220
866323	Hydrogen Peroxide 30% w/w (MOS) EG	220
873080	1-Methyl-2-Pyrrolidone (VLSI) EG	275
871037	Nitric Acid 69% (VLSI) EG	286
871090	2-Propanol (VLSI) EG	347
871058	Sulphuric Acid 96% (VLSI) EG	431

PHARMACOPŒIA GRADE PRODUCTS

141008	Acetic Acid glacial (RFE, USP, BP, Ph. Eur.) PRS-CODEX	20
141007	Acetone (RFE, USP, BP, Ph. Eur.) PRS-CODEX	24
145655	Acetylcholine Chloride (USP) PRS-CODEX	28
141012	Acetylsalicylic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	28
142342	Adipic Acid (USP, BP, Ph. Eur.) PRS-CODEX	30
141792	Agar (USP) PRS-CODEX	31
142043	L-Alanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	31
191959	Alkylbenzyltrimethylammonium Chloride (USP) CODEX	33
145265	Allantoin (BP, Ph. Eur.) PRS-CODEX	33
141102	Aluminium Ammonium Sulphate 12-hydrate (USP) PRS-CODEX	34
141097	Aluminium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	35
141103	Aluminium Potassium Sulphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	36
191101	Aluminium Sulphate 18-hydrate (RFE, BP, Ph. Eur.) CODEX	36
14B764	6-Aminohexanoic Acid (USP, BP, Ph. Eur.) PRS-CODEX	38
141130	Ammonia 30% (as NH ₃) (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	40
141129	Ammonia 25% (as NH ₃) (BP, Ph. Eur.) PRS-CODEX	41
141118	Ammonium Bromide (BP, Ph. Eur.) PRS-CODEX	44
141119	Ammonium Carbonate (USP-NF) PRS-CODEX	45
141121	Ammonium Chloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	46
141116	Ammonium Hydrogen Carbonate (RFE, BP, Ph. Eur.) PRS-CODEX	47
141127	di-Ammonium Hydrogen Phosphate (USP) PRS-CODEX	49
142912	Ammonium Iron(III) Citrate brown (USP, DAC) PRS-CODEX	50
141134	Ammonium Molybdate 4-hydrate (USP) PRS-CODEX	51
143464	L-Arginine (USP, BP, Ph. Eur.) PRS-CODEX	59
144653	L-Arginine mono-Hydrochloride (RFE, USP, BP, Ph. Eur.) PRS-CODEX	60
141013	L(+)-Ascorbic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	61
142034	L-Aspartic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	61
142465	Barium Sulphate for radiology (RFE, BP, Ph. Eur.) PRS-CODEX	65
143083	Benzethonium Chloride (USP, BP, Ph. Eur.) PRS-CODEX	68
141014	Benzoic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	69
142357	Benzoyl Peroxide humidified with ~25% of H ₂ O (RFE, USP, BP, Ph. Eur.) PRS-CODEX	71
141081	Benzyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	72
144720	Benzyl Benzoate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	72
143977	D(+)-Biotin (USP) PRS-CODEX	73
141195	Bismuth(III) Hydroxide Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	74
141197	Bismuth(III) Hydroxide Nitrate (USP, DAB) PRS-CODEX	74
141015	Boric Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	77

141201	Bromoform stabilized with ethanol (Ph. Fr.) PRS-CODEX	84
144747	2-Bromo-2-Nitro-1,3-Propanediol (BP) PRS-CODEX	85
141082	1-Butanol (USP-NF) PRS-CODEX	92
144233	2-tert-Butyl-4-Methoxyphenol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	96
142833	Caffeine anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	101
141211	Calcium Acetate x-hydrate (USP) PRS-CODEX	101
141212	Calcium Carbonate precipitated (RFE, USP, BP, Ph. Eur.) PRS-CODEX	102
191232	Calcium Chloride 2-hydrate powder (RFE, USP, BP, Ph. Eur.) CODEX	103
141227	Calcium Hydrogen Phosphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
141226	Calcium Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	105
142400	Calcium Hydroxide, powder (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	106
141230	Calcium Lactate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	106
141228	tri-Calcium Phosphate (RFE, BP, Ph. Eur.) PRS-CODEX	107
141818	Calcium Stearate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
141235	Calcium Sulphate 2-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	108
146308	DL-Camphor natural (BP, Ph. Eur.) PRS-CODEX	109
142652	DL-Camphor synthetic (USP) PRS-CODEX	109
141245	Carbon Tetrachloride (E.U.) PRS	111
142416	Carboxymethylcellulose Sodium Salt low viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
144441	Carboxymethylcellulose Sodium Salt medium viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
143922	Carboxymethylcellulose Sodium Salt high viscosity (RFE, USP, BP, Ph. Eur.) PRS-CODEX	112
144564	Castor Oil (RFE, BP, Ph. Eur., DAB) PRS-CODEX	113
142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
143143	Cetyl Alcohol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	114
141975	Chloral Hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
142323	Chloramine T 3-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	116
143481	Chloramphenicol (RFE, BP, Ph. Eur.) PRS-CODEX	116
141811	Mono-Chloroacetic Acid PRS	116
145226	4-Chloro-3-Methylphenol (USP-NF, BP, Ph. Eur.) PRS-CODEX	120
141808	Citric Acid anhydrous (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	124
141018	Citric Acid 1-hydrate (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	125
141278	Collodion solution 4% w/v (USP) PRS-CODEX	127
142083	Colophony (BP, Ph. Eur.) PRS-CODEX	127
141264	Copper(II) Chloride 2-hydrate (USP) PRS-CODEX	129
142726	Copper(II) Sulphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	131
141270	Copper(II) Sulphate 5-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	131
142825	2,6-Di-tert-Butyl-4-Methylphenol (RFE, BP, Ph. Eur.) PRS-CODEX	142
191937	Di-n-Butyl Phthalate (RFE, BP, Ph. Eur., JP) CODEX	142
141254	Dichloromethane stabilized with amylene (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	146
141025	5,5-Diethylbarbituric Acid (RFE, BP, Ph. Eur.) PRS-CODEX	149
192770	Diethyl Ether anaesthetic stabilized with ~6 ppm of BHT (RFE, BP, Ph. Eur.) CODEX	151
192372	Diethyl Phthalate (USP-NF, BP, Ph. Eur.) CODEX	152
143145	N,N-Dimethylacetamide (BP, Ph. Eur.) PRS-CODEX	156
191954	Dimethyl Sulphoxide (RFE, USP, BP, Ph. Eur.) CODEX	161
191086	Ethanol absolute (USP, BP, Ph. Eur.) CODEX	171
141085	Ethanol 96% v/v (USP, BP, Ph. Eur.) PRS-CODEX	172
192695	Ethanol 70% v/v (BP) CODEX	173
191318	Ethyl Acetate (RFE, BP, Ph. Eur., DAB) CODEX	175
141026	Ethylenediaminetetraacetic Acid (USP-NF, BP, Ph. Eur.) PRS-CODEX	177
144559	Ethylenediaminetetraacetic Acid Calcium Disodium Salt (RFE, USP, BP, Ph. Eur.) PRS-CODEX	177
141669	Ethylenediaminetetraacetic Acid Disodium Salt 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	178
143886	2-[(Ethylmercury)Thio] Benzoic Acid Sodium Salt (USP, BP, Ph. Eur.) PRS-CODEX	181
142085	Eucalyptol (USP) PRS-CODEX	182

14B216	Folic Acid (USP, BP, Ph. Eur.) PRS-CODEX	189
141328	Formaldehyde 37-38% w/w stabilized with methanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	190
142728	D(-)-Fructose (RFE, USP, BP, Ph. Eur.) PRS-CODEX	193
142344	Fumaric Acid (USP-NF) PRS-CODEX	193
142060	Gelatine 80-100 Blooms (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	195
191403	Gentian Violet hydroalcoholic solution 1% (C.I. 42555) (USP) CODEX	195
141341	D(+)-Glucose anhydrous (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	196
143140	D(+)-Glucose 1-hydrate (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	197
142042	L-Glutamic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	197
141343	L-Glutamine (USP) PRS-CODEX	197
141339	Glycerol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	198
142329	Glycerol 87% (RFE, BP, Ph. Eur.) PRS-CODEX	199
141922	Glycerol tri-Acetate (USP, BP, Ph. Eur.) PRS-CODEX	199
141340	Glycine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	200
142045	L-Histidine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	209
142198	L-Histidine mono-Hydrochloride 1-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	209
141020	Hydrochloric Acid 37% (RFE, BP, Ph. Eur.) PRS-CODEX	214
141077	Hydrogen Peroxide 33% w/v (110 vol.) stabilized (RFE, USP, BP, Ph. Eur.) PRS-CODEX	220
142660	Hydrogen Peroxide 6% w/v (20 vol.) stabilized (BP) PRS-CODEX	221
141351	Hydroquinone (USP) PRS-CODEX	222
141771	Iodine resublimed pearls (RFE, USP, BP, Ph. Eur.) PRS-CODEX	227
191931	Iodine solution ~7% in ethanol 85% (USP) CODEX	227
191932	Iodine solution ~2% in ethanol 50% (USP) CODEX	227
142880	L-Isoleucine (USP, BP, Ph. Eur.) PRS-CODEX	235
141034	L(+)-Lactic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	240
141375	Lactose 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	241
141475	Lead(II) Oxide (DAC) PRS-CODEX	244
142046	L-Leucine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	245
146257	Light liquid Paraffin (USP, BP, Ph. Eur.) PRS-CODEX	245
141928	Lithium Hydroxide 1-hydrate (USP) PRS-CODEX	248
144764	L-Lysine mono-Hydrochloride (USP, BP, Ph. Eur.) PRS-CODEX	250
191394	Magnesium Acetate 4-hydrate (BP, Ph. Eur.) CODEX	251
141396	Magnesium Chloride 6-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	251
191396	Magnesium Chloride 6-hydrate (RFE, USP, BP, Ph. Eur., DAB) CODEX	251
141840	Magnesium Hydroxide (RFE, BP, Ph. Eur.) PRS-CODEX	252
141276	Magnesium Oxide light (RFE, BP, Ph. Eur.) PRS-CODEX	253
142029	Magnesium Stearate (RFE, BP, Ph. Eur.) PRS-CODEX	254
141404	Magnesium Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	254
141673	Magnesium Sulphate 65% dry, powder (BP) PRS-CODEX	255
141796	Magnesium Trisilicate x-hydrate (USP) PRS-CODEX	255
141882	Maleic Acid (RFE, BP, Ph. Eur.) PRS-CODEX	255
142051	DL-Malic Acid (USP-NF) PRS-CODEX	256
191410	Manganese(II) Chloride 4-hydrate (USP) CODEX	257
141413	Manganese(II) Sulphate 1-hydrate (USP, BP, Ph. Eur.) PRS-CODEX	258
142067	D(-)-Mannitol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	259
142961	L(-)-Menthol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	260
141091	Methanol (USP-NF, BP, Ph. Eur.) PRS-CODEX	266
145827	DL-Methionine (BP, Ph. Eur.) PRS-CODEX	267
142882	L-Methionine (USP, BP, Ph. Eur.) PRS-CODEX	267
143332	Methyl 4-Hydroxybenzoate (RFE, USP-NF, BP, Ph. Eur., JP) PRS-CODEX	272
141348	2-Methyl-2,4-Pentanediol (USP-NF) PRS-CODEX	274
141430	4-Methyl-2-Pentanone (USP-NF) PRS-CODEX	274
143080	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) PRS-CODEX	276
142963	Methyl Salicylate synthetic (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	277

143389	Nicotinic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	284	141648	Sodium Carbonate anhydrous (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	369	142502	Trichloromethane stabilized with 1-2% of ethanol (BP) PRS-CODEX	454
141037	Nitric Acid 69% (USP-NF, BP, Ph. Eur.) PRS-CODEX	287	142032	Sodium Carbonate 1-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	370	145300	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	455
142786	Octanoic Acid PRS	292	141659	Sodium Chloride (RFE, USP, BP, Ph. Eur., JP) PRS-CODEX	372	141750	Triethanolamine (USP-NF) PRS-CODEX	456
192786	Octanoic Acid (RFE, BP, Ph.Eur.) CODEX	292	141655	tri-Sodium Citrate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	373	191750	Triethanolamine (BP, Ph. Eur.) CODEX	456
142659	Oleic Acid (USP) PRS-CODEX	293	141667	Sodium 5,5-Diethylbarbiturate (Ph. Helv.) PRS-CODEX	375	141940	Tris (Hydroxymethyl) Aminomethane (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
143209	Paraffin M.P. 51 -53°C pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	296	141698	Sodium Disulphite (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	375	142049	L-Tryptophan (RFE, USP, BP, Ph. Eur.) PRS-CODEX	460
141451	Paraformaldehyde (DAC) PRS-CODEX	297	142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376	141302	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP) PRS-CODEX	461
144852	Phenol crystallized (detached crystals) (RFE, USP, BP, Ph. Eur.) PRS-CODEX	308	141675	Sodium Fluoride (USP) PRS-CODEX	377	191302	Turpentine Oil stabilized with 100 ppm of DL- α -Tocopherol (BP, Ph. Eur.) CODEX	461
141323	Phenol 90% aqueous solution (USP) PRS-CODEX	308	143289	Sodium Formaldehyde Sulphoxylate x-hydrate (USP-NF) PRS-CODEX	377	142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
141325	Phenolphthalein (BP, Ph. Eur.) PRS-CODEX	309	142983	Sodium D-Gluconate (USP) PRS-CODEX	377	142050	Tween® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
142047	L-Phenylalanine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	310	141683	Sodium L-Glutamate 1-hydrate (USP) PRS-CODEX	378	142077	L-Tyrosine (RFE, USP, BP, Ph. Eur.) PRS-CODEX	463
142358	Phenylmercury Acetate (USP-NF, BP, Ph. Eur.) PRS-CODEX	312	141638	Sodium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	379	191754	Urea crystal (RFE, USP, BP, Ph. Eur.) CODEX	463
145518	Phenylmercury Nitrate (basic) (RFE, BP, Ph. Eur.) PRS-CODEX	312	141679	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) PRS-CODEX	380	145044	L-Valine (USP, BP, Ph. Eur.) PRS-CODEX	464
141032	ortho-Phosphoric Acid 85% (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	314	142507	di-Sodium Hydrogen Phosphate 2-hydrate (RFE, BP, Ph. Eur.) PRS-CODEX	381	142048	Vanillin (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	465
142436	Polyethylene Glycol 400 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	317	141678	di-Sodium Hydrogen Phosphate 12-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	381	141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
142438	Polyethylene Glycol 4000 flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318	141965	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) PRS-CODEX	382	141074	Water (BP, Ph. Eur.) PRS-CODEX	467
146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318	141677	Sodium di-Hydrogen Phosphate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	382	142080	D(+)-Xylose (RFE, BP, Ph. Eur.) PRS-CODEX	472
146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318	141687	Sodium Hydroxide pellets (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	141775	Zinc Acetate 2-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	473
146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319	141686	Sodium Hydroxide flakes (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	384	191786	Zinc Oxide (RFE, USP, BP, Ph. Eur.) CODEX	475
146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319	141929	Sodium Hydroxide pearls (USP-NF, BP, Ph.Eur.) PRS-CODEX	385	141895	Zinc Stearate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	475
141489	Potassium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	322	143307	Sodium Lactate solution 50% w/w (RFE, USP, BP, Ph. Eur.) PRS-CODEX	390	141788	Zinc Sulphate 1-hydrate (USP, Ph.Eur., BP) PRS-CODEX	476
191490	Potassium Carbonate (USP, BP, Ph. Eur.) CODEX	323	141701	Sodium Molybdate 2-hydrate (BP, Ph. Eur.) PRS-CODEX	391	141787	Zinc Sulphate 7-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	476
141493	Potassium Chlorate (Ph. Helv.) PRS-CODEX	323	141703	Sodium Nitrite (USP) PRS-CODEX	392	TENSIOACTIVES		
191494	Potassium Chloride (RFE, USP, BP, Ph. Eur.) CODEX	324	145642	Sodium Perborate 4-hydrate (BP, Ph. Eur.) PRS-CODEX	394	Anionic		
141492	tri-Potassium Citrate 1-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	326	141697	Sodium Phosphinate 1-hydrate (DAC) PRS-CODEX	396	362363	Sodium Dodecyl Sulphate (HPLC) PAI	376
141522	Potassium Disulphite (USP-NF, BP, Ph. Eur.) PRS-CODEX	328	143473	Sodium Propionate (USP-NF) PRS-CODEX	396	132363	Sodium Dodecyl Sulphate PA-ACS	376
141480	Potassium Hydrogen Carbonate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	330	141859	Sodium Salicylate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	397	142363	Sodium Dodecyl Sulphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	376
141512	di-Potassium Hydrogen Phosphate anhydrous (RFE, BP, Ph. Eur.) PRS-CODEX	331	192756	Sodium Selenite anhydrous (BP) CODEX	397	202363	Sodium Dodecyl Sulphate (F.C.C.) ADITIO	376
141509	Potassium di-Hydrogen Phosphate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	332	141715	Sodium Sulphate 10-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399	182792	Sodium Dodecyl Sulphate 0,004 mol/l SV	376
191486	Potassium Hydrogen Tartrate (USP) CODEX	334	191717	Sodium Sulphite anhydrous (RFE, BP, Ph. Eur.) CODEX	400	Cationic		
141515	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) PRS-CODEX	334	141721	Sodium Thiosulphate 5-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	402	191959	Alkylbenzyltrimethylammonium Chloride (USP-NF) CODEX	33
141542	Potassium Iodide (RFE, USP, BP, Ph. Eur., DAB) PRS-CODEX	338	141055	Sorbic Acid (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	403	161959	Alkylbenzyltrimethylammonium Chloride, 98% PS	33
141524	Potassium Nitrate without anticaking (RFE, BP, Ph. Eur.) PRS-CODEX	339	146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403	211959	Alkylbenzyltrimethylammonium Chloride QP	33
141856	Potassium Perchlorate (DAC) PRS-CODEX	340	146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403	123083	Benzethonium Chloride (Reag. Ph. Eur.) PA	68
141527	Potassium Permanganate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	341	146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404	183141	Benzethonium Chloride 0,004 mol/l (0,004M) SV	68
141729	Potassium Sodium Tartrate 4-hydrate (USP) PRS-CODEX	343	146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404	186228	Benzethonium Chloride 0,01 mol/l (0,01N) SV	68
141531	Potassium Sorbate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	343	146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404	142542	Cetrimide (RFE, BP, Ph. Eur.) PRS-CODEX	114
143646	L-Proline (RFE, USP, BP, Ph. Eur.) PRS-CODEX	345	146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404	122054	N-Cetyl-N,N,N-Trimethylammonium Bromide PA	115
141545	1,2-Propanediol (RFE, USP, BP, Ph.Eur., JP) PRS-CODEX	346	143064	D(-)-Sorbitol (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	405	162054	N-Cetyl-N,N,N-Trimethylammonium Bromide, 99% PS	115
141885	1-Propanol (BP, Ph. Eur.) PRS-CODEX	347	142590	Stearic Acid 95 (USP-NF, BP, Ph. Eur.) PRS-CODEX	427	Non-Ionic		
141090	2-Propanol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	349	142512	Stearic Acid 50 (fatty acids mixture) (USP-NF, BP, Ph. Eur.) PRS-CODEX	427	212316	Brij® 35 QP	78
141962	Propyl Gallate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	351	142823	Sulphanilamide (Ph. Fr., DAB) PRS-CODEX	429	252317	Brij® 35 aqueous solution 30% w/v DC	78
141603	Resorcinol (RFE, USP, BP, Ph. Eur.) PRS-CODEX	356	141163	Sulphur precipitated (RFE, BP, Ph. Eur., DAB) PRS-CODEX	430	146076	Polysorbate 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	318
141621	Saccharose (RFE, USP-NF, BP, Ph. Eur., DAB, JP) PRS-CODEX	357	141164	Sulphur sublimated (USP) PRS-CODEX	430	206076	Polysorbate 20 (E-432) ADITIO	318
141624	Salicylamide (USP) PRS-CODEX	358	141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432	146158	Polysorbate 40 (USP, BP, Ph. Eur.) PRS-CODEX	318
141045	Salicylic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	358	141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436	206158	Polysorbate 40 (E-434) ADITIO	319
14B099	L-Serine (USP, BP, Ph. Eur.) PRS-CODEX	360	141065	Tannic Acid (RFE, USP, BP, Ph. Eur.) PRS-CODEX	436	156158	Polysorbate 40 PS	319
142475	Siliceous Earth purified and calcined (USP-NF) PRS-CODEX	361	191066	L(+)-Tartaric Acid (RFE, USP-NF, BP, Ph. Eur.) CODEX	437	146159	Polysorbate 60 (USP, BP, Ph. Eur.) PRS-CODEX	319
141459	Silver Nitrate (RFE, BP, Ph. Eur.) PRS-CODEX	362	191303	Tin(II) Chloride 2-hydrate (BP, Ph. Eur.) CODEX	445	206159	Polysorbate 60 (E-435) ADITIO	319
141633	Sodium Acetate anhydrous (USP) PRS-CODEX	364	142101	Titanium(IV) Oxide (RFE, USP, BP, DAB, Ph. Eur.) PRS-CODEX	446	156159	Polysorbate 60 PS	319
141632	Sodium Acetate 3-hydrate (RFE, USP, BP, Ph. Eur.) PRS-CODEX	365	141067	Trichloroacetic Acid (BP, Ph. Eur.) PRS-CODEX	450	206160	Polysorbate 65 (E-436) ADITIO	319
143865	Sodium L(+)-Ascorbate (USP) PRS-CODEX	366	142925	1,1,1-Trichloroethane (E.U.) PRS	450	156160	Polysorbate 65 PS	319
141637	Sodium Benzoate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	366	143101	Trichloromethane stabilized with ~50 ppm of amylene (BP) PRS-CODEX	452	146075	Polysorbate 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	319
141644	di-Sodium tetra-Borate 10-hydrate (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	368	141252	Trichloromethane stabilized with ethanol PRS	454	206075	Polysorbate 80 (E-433) ADITIO	319
141646	Sodium Bromide (RFE, BP, Ph. Eur.) PRS-CODEX	369				156075	Polysorbate 80 PS	319
196454	Sodium Caprylate (Ph.Eur., BP) CODEX	369				154406	Polysorbate 85 PS	320
						146101	Sorbitan Monolaurate (USP, BP, Ph. Eur.) PRS-CODEX	403
						156101	Sorbitan Monolaurate PS	403
						146094	Sorbitan Monooleate (USP, BP, Ph. Eur.) PRS-CODEX	403
						156094	Sorbitan Monooleate PS	403
						146092	Sorbitan Monopalmitate (USP, BP, Ph. Eur.) PRS-CODEX	404
						156092	Sorbitan Monopalmitate PS	404
						146102	Sorbitan Monostearate (USP, BP, Ph. Eur.) PRS-CODEX	404

156102	Sorbitan Monostearate PS	404
146156	Sorbitan Sesquioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
156156	Sorbitan Sesquioleate PS	404
146157	Sorbitan Trioleate (USP, BP, Ph. Eur.) PRS-CODEX	404
156157	Sorbitan Trioleate PS	404
156093	Sorbitan Tristearate PS	405
142314	Triton® X 100 PRS	460
142315	Triton® X 405 solution 70% PRS	460
142312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) PRS-CODEX	462
202312	Tween® 20 (E-432) ADITIO	462
162312	Tween® 20 PS	462
142050	Tween® 80 (USP-NF, BP, Ph. Eur.) PRS-CODEX	462
202050	Tween® 80 (E-433) ADITIO	462
162050	Tween® 80 PS	462

LABORATORY AUXILIARY PRODUCTS

Active Carbons

121237	Charcoal Activated powder PA	120
201237	Charcoal Activated powder (E-153, F.C.C.) ADITIO	120
211237	Charcoal Activated powder QP	120
211238	Charcoal Activated granulated n° 1 QP	120
211239	Charcoal Activated granulated n° 2 QP	120
211240	Charcoal Activated granulated n° 3 QP	120
211241	Charcoal Animal powder QP	120
211243	Charcoal Vegetal powder QP	120

Silicones

216241	Silicone antifoaming liquid (AQ) QP	361
211628	Silicone antifoaming liquid (ORG) QP	361
211629	Silicone heat resistant liquid QP	361
211630	Silicone paste A QP	361
211631	Silicone paste B QP	361

Auxiliary Products and solutions

Auxiliary Products

175772	Celite Hyflo Super Cel® RE	113
176457	Formol Absorbent RE	192
212520	General Absorbent QP	195
211376	Glass Wool washed QP	196
211935	Iron metal, thick granulated QP	229
175126	Mercury Absorbent RE	261
175677	Mercury Spillage Kit RE	263
211835	Pumice Stone granules QP	352
211161	Sea Sand washed, thick grain QP	359
211160	Sea Sand washed, thin grain QP	359
212778	Soda Lime with indicator QP	364
141733	Talc washed (RFE, BP, Ph. Eur.) PRS-CODEX	436
141003	Vaseline Oil (RFE, USP, BP, Ph. Eur.) PRS-CODEX	465
211757	Vaseline Soft QP	466
212236	Water Deionized QP	467

Solutions

171071	Baryta Water saturated solution RE	65
171072	Bromine Water saturated solution RE	79
171073	Lime Water saturated solution RE	245
171422	Mercury(II) Nitrate solution 2% w/v RE	262
171507	Potassium Hexacyanoferrate(II) solution 10% w/v RE	329
171543	Potassium Iodide solution 10% w/v RE	338
171460	Silver Nitrate solution 0,5% w/v RE	362
171462	Silver Nitrate solution 2% w/v RE	362
211571	Sodium Hydroxide solution 50% w/v QP	385
171690	Sodium Hydroxide solution 30% w/v RE	386
171689	Sodium Hydroxide solution 20% w/v RE	386
171688	Sodium Hydroxide solution 10% w/v RE	386
212297	Sodium Hypochlorite solution 5% w/v QP	389
211921	Sodium Hypochlorite solution 10% w/v QP	389

Dessication Media

121100	Aluminium Oxide Basic (Reag. Ph. Eur.) PA	35
15A721	Barium Oxide, 97% PS	65
211234	Calcium Oxide natural, pieces QP	107
136064	Magnesium Perchlorate hydrate (desiccant) PA-ACS	253
175349	Molecular Sieve 3Å (2 mm diameter particle) RE	278
175350	Molecular Sieve 4Å RE	278
175351	Molecular Sieve 5Å (2 mm diameter particle) RE	279
175352	Molecular Sieve 10Å (2 mm diameter particle) RE	279
141154	di-Phosphorus penta-Oxide PRS	315
211514	Potassium Hydroxide 90% flakes QP	335
131335	Silica Gel 3-6 mm with indicator (with cobalt chloride) PA-ACS	360
211335	Silica Gel 3-6 mm with indicator (with cobalt chloride) QP	360
135571	Silica Gel 2,5-6 mm with indicator (without cobalt chloride) PA-ACS	360

132921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) PA-ACS	360
212921	Silica Gel 0,5-1,2 mm with indicator (with cobalt chloride) QP	360
141686	Sodium Sulphate anhydrous PRS	384
191716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph.Eur.) CODEX	399
141929	Sodium Hydroxide pearls (USP, BP, Ph. Eur.) PRS-CODEX	385
131716	Sodium Sulphate anhydrous (Reag. USP) PA-ACS-ISO	398
141716	Sodium Sulphate anhydrous (RFE, USP, BP, Ph. Eur.) PRS-CODEX	399
141058	Sulphuric Acid 95-98% (USP-NF, BP, Ph. Eur.) PRS-CODEX	432
141779	Zinc Chloride PRS	474

Notes

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Notes

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