

Chemical Reagents

CATALOGUE 2015 - 2016



BIOCHEM
Chemopharma



Dear Customer,

We are very happy to present you the new 2015/2016 catalogue about BIOCHEM CHEMOPHARMA chemical products and reagents. All available products are in alphabetical order.

Several of these include customers' requests and of course yours ! We are very grateful for your contribution . Thanks a lot ...

The aim of our catalogue 2015/2016 is to make things easy for you : with thematic and relevant layout, Please read this usual detailed information, along with our analysis concerning all the products available. Keeping you always informed about the latest ways of using our catalogue, we hope to maintain a close relationship with you .

The printed and internet catalogue will help you through our line of products. We will happily provide you with any further information about our large range of products and on how to use them ... Please, feel free to contact us at any time ...

Sincerely .

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Finding us on the web, Log on to: www.biochemopharma.fr

This is a user-friendly site brimming with useful tips and information.

The full BIOCHEM CHEMOPHARMA catalogue of chemical products and reagents is now available online ! Find all the information about products, safety, get familiar with useful tables and data for everyday laboratory work and benefit from live online updating of all data, a feature which could not be provided by the printed catalogue !.

Quick access

Easy surfing, efficient search engine, online reply to numerous questions about chemistry, the site aims at being user-friendly and practical. Are you looking for a product? You can find it through its full formula, key words or part of its name... You will also find it possible to download safety technical files and up-to-date analysis certificates.

Useful tables for lab work

It is always better to find accurate information than being left without a clear idea of things... From now on, you won't need to hesitate anymore : the main facts and figures related to lab work are handy on the web, such as :

- Periodical classification of elements,
- Elementary physico-chemical and inorganic compounds features,
- Solutions,
- Buffer indicators,
- Temperature indicators,
- Organic solvents,
- Elements determination physical method,
- Units conversion tables,
- Natural constants.



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Quality

Reliability and dependability are distinctive features of BIOCHEM CHEMOPHARMA products. Successful audits carried out by the public administration and customers have confirmed that we have stood up to the high requirements of our own quality standards, which spurs us to keep improving by the advancing time.

We have the specific requirements of our customers in mind, whether for supplementary parameters or for proper certificates or special package. Of course, it goes beyond saying that our service includes individual help and on-time delivery of orders concerning our line of products.

Safety of use within your premises is guaranteed by our constant results for each batch, our specific analysis certificates concerning specification complying batches, as well as by our including a use-by-date mention and a notice explaining how to store the unopened package. Our range of qualities and products allows for use for a fairly wide range of applications. Our services will willingly answer your queries.

Products intended for use in the laboratory

HPLC Gradient , HPLC , LC-MS

High Purity Solvents for Specific analysis



AR

Analytical reagent.

UV Spectroscopy

UV transmittances and subject to strict IR-spectroscopic tests.

LR & GPR

Laboratory reagent for general use.

Other Grades : For synthesis reagent , For biochemistry reagent, For electrophoresis reagent, For Microscopy ...

Control and specification relate to products and to their respective declaration in keeping with mentioned application. In case of implementation in unprovided for conditions, it is up to the customer to check that products used are fit for such application (see also general terms & conditions of sale).

Additional information about product quality is available at the following URL:

www.biochemopharma.fr

Packing

Packing is meant to protect both humans and the environment. Products must be packed in an appropriate way to allow for proper shipping, storage and use by the customer. Prior to issuing a product on the market, numerous checks are carried out to ensure stability for primary packing and reagent quality over a prolonged storage period after shipping.

Concerning hazardous substances shipping, BIOCHEM CHEMOPHARMA packing technicians continually check and optimize packing so as to be provided with relevant authorizations (=N° UN). The following criteria are taken into account :

- Meeting all safety requirements,
- Meeting quality requirements, even after prolonged storage,
- No interaction between packing material and packed substance,
- No unalloyed reagent contamination,
- Practical packing,
- Environmental friendly packing.



Relevant packing and reference order explanations follow :

Plastic container

2.5 L, 5 L, 10 L and 25 L PEHD containers are used for acids, bases and other reagents. They come in black colour when light-sensitive products are involved. Connecting and sampling are also available.

Aluminium flask

Aluminium flasks are used in part for some solvents as unbreakable packing.
Benefit : 100% leak free.

Glass flask

As glass is inert matter, it is fit for use with corrodents. Glass flasks come in brown colour, which will help protect light-sensitive products. Being watertight and impervious to vapour, they allow for great stability and henceforth prolonged storage. They are fitted with an S 28 or S 40 sealing system. Glass flasks for solids are fitted with an S 60 or S 85 sealing system. Benefit: optimal imperviousness, pressure stability. Glass flasks are shipped in UN cases with adapted inner casings (polystyrene or corrugated cardboard).

Abbreviations

anyh	Anhydrous.	MIN	Minimum.
Å	Angstrom.	micron	Micrometer.
abs	Absolut.	mL	Milliliter.
~	Approximately.	mm	Millimeter.
b.p.	Boiling point in °C at 760 mm pressure, unless otherwise specified.	m.p.	Melting point.
°C	Celsius.	mol	Mole.
C.I.	Colorant number.	mmol	Millimole.
cm	Centimeter.	M.W.	Molecular weight.
d.	Density.	N	Nomality of solution.
dec.	Decomposes.	n	Calcul index.
D-,L-	Designation given to carbohydrates, amino acids, lipids and those compounds whose stereochemistry is derived from carbohydrates and amino acids, according to the corresponding conventions.	n_D^{20}	Refractive index for the sodium D line at 20°C(or temperature indicated).
D(+)-	Specifically indicates the direction of optical rotation in addition to the D-(or L-) affix, hence providing a more accurate characterization.	nm	Nanometer.
DL-	Denotes the racemate of a compound whose enantiomers have the designation D- or L-.	pH	Value taken to represent the acidity or alkalinity of an aqueous solution.
(+)-,(-)-	Some natural products have adopted this designation (e.g. camphor); the systematic nomenclature of the synonym is in accordance to the sequence rule.	subl.	Sublimes.
dia	Diameter.	tert	Tertiary.
EINECS	European Inventory of Existing Commercial Chemical Substances.	TLC	Thin layer chromatography.
f.p.	Flash point.	UN	Hazardous material transportation
g	Gram.	UV	UV spectroscopy.
g/l	Gram per liter (gas density).		identification number.
GCL	Suitable for use gas liquid.	λ	Wavelength in nanometers.
GC	Gas chromatography.	v/v	Volume/volume.
GPC	Gel permeation chromatography.	w/v	Weight/volume.
HPLC	High-performance liquid chromatography.	w/w	Weight/weight.
ID	Inner diameter.	>	Grater than.
IR	Infrared.	²	Grater than or equal to.
Kg	Kilogram.	<	Less than.
L or l	Liter.	³	Less than or equal to.
m	Meter.	[]	Number in brackets after the chemical description indicate the Chemical Abstract Service Registry Number.

Catalogue guide

1 1,4-Dioxane

2 Product code: 504390500


3 Analytical Reagent
C₄H₈O₂ MW=88.11

4 C.A.S. : 123-91-1

5 **9** **6** 500 ml **10**


11 EINECS : 204-661-8

Assay %	Min 99.5
Wt.per ml at 20 °C	1.032 - 1.034 g
APHA Color	Max 10
Freezing point °C	Min 11
Refractive index	1.421 - 1.423
Water %	Max 0.05
Acidity (CH ₃ COOH) %	Max 0.02
Non volatile matter %	Max 0.01
Acetal [CH ₃ CH(OC ₂ H ₅) ₂]	Max 0.8
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.0001
Lead (Pb)%	Max 0.0001


7  **8**

H225-H351-H319-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501

- 1 - Product name.**
 - 2 - Product number.**
 - 3 - Prduct quality.**
 - 4 - C.A.S number.**
 - 5 - Formula.**
 - 6 - Mass weight.**
 - 7 - H: Hazard**
 - 8 - Hazard warning symbols.**
 - 9 - EINECS number.**
 - 10 - Package size.**
 - 11 - Specification.**
 - 12 - Batch number**
 - 13 - Shelf life time**
 - 14 - Safety information**
- P: Precautionary**

8 

7 H225-H351-H319-H335
P210-P261-P303-P361
P353-P305-P351-P338
P405-P501



2 Product code: 504271000

C.A.S. : 123-91-1 **4**

EINECS : 204-661-8 **9**

Batch N°: L504271000-0115-011 **12**

14 **Hasards & Précautions**

A Highly flammable liquid and vapour. Suspected of causing cancer. Causes serious eye irritation. May cause respiratory irritation. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Risques et Consignes

Liquide et vapeurs très inflammables. Susceptible de provoquer le cancer. Provoque une irritation des yeux. Peut irriter les voies respiratoires. Tenir à l'écart de la chaleur/des étincelles/des flammes ouvertes/des surfaces chaudes. - Ne pas fumer. Éviter de respirer les poussières/fumées/gaz/brouillards/vapeurs/aérosols. SI SUR LA PEAU (ou les cheveux): Enlever/Enlever immédiatement les vêtements contaminés. Rincer la peau avec de l'eau/douche. SI DANS LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact, si présent et facile à faire. Continuer à rincer. Garder sous clef. Éliminer le contenu/réceptif conformément à la réglementation nationale/locale/ régionale.

1 1,4-Dioxane **3**

For Synthesis

MW=88.11 **6** C₄H₈O₂ **5**

Content : 1 L **10**

11

Assay %	Min 99
Wt.per ml at 20 °C	1.030 - 1.035 g
Water %	Max 0.1
Free acid (CH ₃ COOH) %	Max 0.01
Peroxide (as H ₂ O ₂) %	Max 0.005

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Spécifications guaranteeed

Until : 01/2020 **13**

Tested for laboratory use only

ALPHABETICAL INDEX

[Http://www.biochemopharma.fr](http://www.biochemopharma.fr)

Acacia

Laboratory Reagent

Product code: 300880500**C.A.S. :** 9000-01-5**500 gr****EINECS :** 232-519-5

Description	A cream coloured powder
Identity	Passes test
Agar & tragacanth	Passes test
Starch & dextrin	Passes test
Tannin	Passes test
Sucrose and fructose	Passes test
Insoluble matter %	Max. 0.5
Sulfated Ash %	Max. 5.0
Acid insoluble ash %	Max. 1.0
Loss on drying %	Max. 15.0



H315-H319-H335

P261-P280-P305+P351+P338-P304+P340-P405-P501A

Acetic acid glacial

Analytical Reagent

C₂H₄O₂ MW=60.04**Product code:** 101122500**C.A.S. :** 64-19-7**2.5 L****EINECS :** 200-580-7

Assay (acidimetric) %	Min 99.7
Freezing point °C	Min 16.2
Wt.per ml at 20 °C	1.048 - 1.050 g
Acetic anhydride [(CH ₃ CO) ₂ O] %	Max 0.2
Formate (H.COO) %	Max 0.05
Water insoluble matter	Passes test
Water %	Max 0.2
Sulfate (SO ₄) %	Max 0.0001
Non-volatile matter %	Max 0.001
Chloride (Cl) %	Max 0.0001
Arsenic (As) %	Max 0.00005
Copper (Cu) %	Max 0.00004
Iron (Fe) %	Max 0.00002
Lead (Pb) %	Max 0.00001
Substance reducing dichromate (O) %	Max 0.003



H314-H226

P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

ACES

Laboratory Reagent

C₄H₁₀N₂O₆S MW =182.20**Product code:** 300860025**C.A.S. :** 7365-82-4**25 gr****EINECS :** 230-908-4

Assay (alkametric) %	Min 99
Identity (IR spectrum)	passe test
UV-absorption (250 nm; 2% 1 cm water) %	Max 0.05
Chloride (Cl) %	Max 0.05
Sulfate (SO ₄) %	Max 0.05
Heavy metals (as Pb) %	Max 0.0005
Sodium (Na) %	Max 0.005
Loss on drying (105 °C)	Max 0.2
pH	3.0 - 4.5

Acetic Acid 0.1 M (0.1N)

Standardized solution

traceable to NIST

C₂H₄O₂ MW =60.04**Product code:** BVS01001**C.A.S. :** 64-19-7**1 L****EINECS :** 200-580-7**Acetic Acid 1 M (1N)**

Standardized solution

traceable to NIST

C₂H₄O₂ MW =60.04**Product code:** BVS01010**C.A.S. :** 64-19-7**1 L****EINECS :** 200-580-7**Acetamide**

For Synthesis

C₂H₅NO MW =59.07**Product code:** 501000250/0500**C.A.S. :** 60-35-5**250 gr****EINECS :** 200-473-5

Assay %	Min 99
Melting range (after drying) °C	78 - 81



H351

P280H

Acetic acid glacial

For Synthesis

C₂H₄O₂ MW =60.04**Product code:** 101132500**C.A.S. :** 64-19-7**2.5 L****EINECS :** 200-580-7

Assay (acidimetric) %	Min 99.5
Wt.per ml at 20 °C	1.047 - 1.052 g
Freezing point °C	15.5
Chloride (Cl) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.0005
Arsenic (As) %	Max 0.0002
Iron (Fe) %	Max 0.0002
Lead (Pb) %	Max 0.0002
Non volatile matter %	Max 0.01



H314-H226

P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

Acetanilide

Laboratory Reagent

C₈H₉NO MW =135.17**Product code:** 501160250/0500**C.A.S. :** 103-84-4**250 gr****EINECS :** 203-150-7

Assay %	Min 98.5
Melting range °C	114 - 116
Sulfated ash %	Max 0.05
pH (1% aqueous)	5.0 - 7.0



H302-H315-H319-H335

P261-P280-P305-P351-P338-P304-P340-P405-P501A

Acetic acid glacial

HPLC
C₂H₄O₂ MW =60.04

Product code: 101461000

C.A.S. : 64-19-7

1 L

EINECS : 200-580-7

Assay (GC) %	Min 99.8
Identity	Passes test
APHA color	Max 10
Non-volatile matter %	Max 0.001
Water (H ₂ O) %	Max 0.05
Transmission (1 cm cell; Ref.:water)	
At 254 nm %	Min 25
At 280 nm %	Min 95
At 300 nm %	Min 98
UV-Cut off	250 nm
Rohrschneider Polarity	6.0



H314-H226
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

Acetone

Analytical Reagent
C₃H₆O MW =58.08

Product code: 200992500

C.A.S. : 67-64-1

2.5 L

EINECS : 200-662-2

Assay (by GC) %	Min 99.5
Water (KF) %	Max 0.3
Residue on Evaporation %	Max 0.001
Acidity (meq/g) (meq/g)	Max 0.0005
Methanol (GC) %	Max 0.05



H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Acetone

HPLC & Spectroscopy
C₃H₆O MW =58.08

Product code: 201031000

C.A.S. : 67-64-1

1 L

EINECS : 200-662-2

Assay (GC) %	Min 99.8
Non Volatile matter %	Max 0.0001
Acidity (CH ₃ COOH) %	Max 0.002
Water %	Max 0.5
Transmission in a 1.0 cm cell against water at	
At 330 nm %	Min 15
At 335 nm %	Min 55
At 340 nm %	Min 85
At 345 nm %	Min 95
At 350 nm %	Min 98



H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Acetone

Laboratory Reagent
C₃H₆O MW =58.08

Product code: 201272500

C.A.S. : 67-64-1

2.5 L

EINECS : 200-662-2

Assay (by GC) %	Min 99
Water (KF) %	Max 0.5
Residue on Evaporation %	Max 0.005
Acidity (meq/g) (meq/g)	Max 0.0005



H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Acetonitrile

HPLC
C₂H₃N MW =41.05

Product code: 201082500

C.A.S. : 75-05-8

2.5 L

EINECS : 200-835-2

Assay (by GC) %	Min. 99.9
Water (KF) %	Max 0.02
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
UV - transmission (1 cm, water):	
240 nm %	Min 98
250 nm %	Min 99



H225-H332-H312-H302-H319
P210-P280-P305-P351-P338-P309-P310

Acetonitrile

HPLC Gradient
C₂H₃N MW =41.05

Product code: 200122500

C.A.S. : 75-05-8

2.5 L

EINECS : 200-835-2

Assay (by GC) %	Min 99.9
Water (KF) %	Max 0.02
Acidity (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
UV - transmission (1 cm, water): -	
190 nm %	Min 30
195 nm %	Min 80
200 nm %	Min 93
220 nm %	Min 98
230 nm %	Min 99
Gradient specifications (210 nm) -	
Largest peak (mAU)	Max 3
Baseline drift (mAU)	Max 15
Filtration (0.2 um)	passes test



H225-H332-H312-H302-H319
P210-P280-P305-P351-P338-P309-P310

Acetonitrile

LC-MSChrom
C₂H₃N MW =41.05

Product code: 201102500

C.A.S. : 75-05-8

2.5 L

EINECS : 200-835-2

Assay (by GC) %	Min 99.9
Water (KF) %	Max 0.02
Acidity (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
UV - transimtion (1 cm, water): -	
190 nm %	Min 30
200 nm %	Min 80
210 nm %	Min 93
220 nm %	Min 98
230 nm %	Min 99
Gradient specifications (210 nm) -Largest peak (mAU)	Max 3
Gradient specifications (254 nm) - Largest peak (mAU)	Max 1
Magnesium (Mg) (ppm)	Max 0.1
Potassium (K) (ppm)	Max 0.1
Sodium (Na) (ppm)	Max 0.1
Calcium (Ca) (ppm)	Max 0.1
Filtration (0,2 um)	passes test
Interfering of peaks caused by impurities determined as:	
-Lindane (GC/ECD) Max 5ng/l	
or Parathion (GC/NPD)Max 10ng/l	passes test



H225-H332-H312-H302-H319
P210-P280-P305-P351-P338-P309-P310

Acetonitrile

PestiChrom
C₂H₃N MW =41.05

Product code: 201092500

C.A.S. : 75-05-8

2.5 L

EINECS : 200-835-2

Assay (by GC) %	Min 99.9
Water %	Max 0.2
Acidity (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
Interfering of peaks caused by impurities determined as:	
- Lindane (GC/ECD) max.5ng/l	
or Parathion (GC/NPD)max.10ng/l	passes test



H225-H332-H312-H302-H319
P210-P280-P305-P351-P338-P309-P310

Acetophenone

Analytical Reagent
C₈H₈O MW =120.15

Product code: 501010500

C.A.S. : 98-86-2

500 ml

EINECS : 202-708-7

Assay %	Min 99.5
Wt.per ml at 20 °C	1.025 - 1.027 g/ml
Freezing point °C	18 - 20
Refractive index (n _{20 °C/D})	1.5325 - 1.5345
Phenol %	Max 0.005



H302-H319
P280-P264-P305-P351-P338-P301-P312-P3376P313-P501

Acetylacetone

Analytical Reagent
C₅H₈O₂ MW =100.12

Product code: 304040500

C.A.S. : 123-54-6

500 ml

EINECS : 204-634-0

Assay %	Min 99.5
Copper (Cu) %	Max 0.000002
Chromium (Cr) %	Max 0.000002
Water %	Max 0.05
Non volatile matter %	Max 0.005
Aluminium (Al) %	Max 0.00005
Barium (Ba) %	Max 0.00001
Boron (B) %	Max 0.000002
Cadmium (Cd) %	Max 0.000005
Calcium (Ca) %	Max 0.00005
Cobalt (Co) %	Max 0.000002
Iron (Fe) %	Max 0.00001
Lead (Pb) %	Max 0.00001
Magnesium (Mg) %	Max 0.00001
Manganese (Mn) %	Max 0.000002
Nickel (Ni) %	Max 0.000002
Tin (Sn) %	Max 0.00001
Zinc (Zn) %	Max 0.00001



H225-H315-H319-H335
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501a

Acetylacetone

For Synthesis
C₅H₈O₂ MW =100.12

Product code: 300240500

C.A.S. : 123-54-6

500 ml

EINECS : 204-634-0

Assay %	Min 98.0
Refractive index	1.451-1.453
Wt. per ml at 20 °C	0.971-0.974 g/ml



H225-H315-H319-H335
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501a

Acetyl chloride

For Synthesis
C₂H₃ClO MW =78.50

Product code: 300280500

C.A.S. : 75-36-5

500 ml

EINECS : 200-865-6

Assay %	98 - 102
Wt.per ml at 20 °C	About 1.10 g/ml
Non volatile matter %	Max 0.05
Phosphorous compounds (P) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01



H225-H314-H318-H302
P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

Acridine orange

For Microscopy
 $C_{17}H_{20}Cl_3N_3Zn$ MW =438.09

Product code: 300270010

C.A.S. : 10127-02-3

10 gr

EINECS : 233-353-6

Absorption maxima (in 50% ethanol)
Absorptivity (1% 1cm, 1 max. 50%ethanol)
Loss on drying at 110°C %

489 - 493 nm
Min 950
Max. 5



H341
P281-P201-P202-P308-P313-P405-P501A

Acriflavin

For Biochemistry
 $C_{14}H_{14}ClN_3$ MW =259.74

Product code: 300210005/0025

C.A.S. : 8063-24-9

**5 gr
25 gr**

Absorption maxima (in 50% ethanol)
Absorptivity (1% 1cm, 1 max. 50%ethanol)
Loss on drying at 110°C %

489 - 493 nm
Min 950
Max. 5

Acrylamide

For Electrophoresis
 C_3H_5NO MW =71.08

Product code: 501050500

C.A.S. : 79-06-1

500 gr

EINECS : 201-173-7

Assay (acidimetric, after saponification) %
Melting range °C
Free acid (as acrylic acid) %
Water %

Min 99.0
83-85
Max 0.001
Max 0.1



H301-H312-H315-H317-H319-H332-H340-H350-H361-H372
P201-P280-P301-P310-P305-P351-P338-P308-P313

Acrylic acid

For Synthesis
 $C_3H_4O_2$ MW =72.06

Product code: 500520500

C.A.S. : 79-10-7

500 ml

EINECS : 201-177-9

Stabilized with 200 ppm Hydroquinone Monomethyl Ether
Assay %
Density (d20°C/4°C)
Refractive index (n20°/D)

Min 99
1.048 - 1.052
1.420 - 1.4224



H226-H302-H312-H332-H314-H335-H400
P261-P273-P280-P305P351-P338-P310

Acrylonitrile (stabilised)

Laboratory Reagent
 C_3H_3N MW =53.06

Product code: 201290500

C.A.S. : 107-13-1

500 ml

EINECS : 203-466-5

Assay %
Wt. per ml at 20 °C
Refractive index

Min 99
0.805 - 0.807g/ml
1.390 - 1.392



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Adenine

For Biochemistry
 $C_5H_5N_5$ MW=135.13

Product code: 504470005

C.A.S. : 73-24-5

5 gr

EINECS : 200-796-1

Assay %
Identification
Appearance of solution
Acidity or alkalinity
Related substances
Chloride (Cl) %
Sulfate (SO₄) %
Ammonium (NH₄) %
Heavy metals (as Pb) %
Loss on drying %
Residue on ignition
Organic volatile impurities
Residual solvents
Nitrogen content

Min 99
passes test
passes test
passes test
passes test
Max 0.01
Max 0.03
Max 0.001
Max 0.001
Max 0.05
Max 0.1
passes test
passes test
50.2-53.4



H302
P264-P270-P301-P312-P330-P501A

Adenosine

For Biochemistry
 $C_{10}H_{13}N_5O_4$ MW=267.25

Product code: 504510005

C.A.S. : 58-61-7

5 gr

EINECS : 200-389-9

Assay %
Melting range °C
Heavy metals (as Pb)

Min 99
235 - 238 °C
Max 0.001

Adipic Acid

Laboratory Reagent
 $C_6H_{10}O_4$ MW =146.14

Product code: 101020500

C.A.S. : 124-04-9

500 gr

EINECS : 204-673-3

Assay %
Solubility
Melting point °C
IR spectrum
Appearance of solution
Chloride (Cl) %
Nitrate (NO₃) %
Sulfate (SO₄) %
Iron (Fe) %
Heavy metals (as Pb) %
Loss on drying %
Sulfated ash %

99.0-101.0
Passes test
151-154
Passes test
Passes test
Max 0.02
Max 0.003
Max 0.05
Max 0.001
Max 0.001
Max 0.001
Max 0.2
Max 0.1



H319
P305-P351-P338



Agar powder bacteriological For Microbiology
Product code: DM1000500 **500 gr**

Description white to yellowish white or pale yellow powder
Solubility 1.5% insoluble in cold water, soluble in boiling water
Clarity of soln. (1.5% solution in water After autoclaving) passes test
Loss on drying (105°C) % Max 20.0
Residue on ignition % Max 5.0
Gelling temp Below 40°C
Gel formation (1.5% aq solution) passes test
Foreign strach passes test
Total bacterial count (cuf/g) less than 1000

Agar powder extra pure For Microbiology

Product code: DM1100500 **500 gr**

Description white to yellowish wither or pale yellow powder
Solubility insoluble in cold water and soluble in boiling water
Clarity of solution (1.5% solution in water after autoclaving) passes test
Loss on drying (105°) % Max 20.0
Residue on ignition % Max 5.0
Gelling temperature Not more than 38°C

Agarose high EEO For Microbiology

Product code: DM0500025 **25 gr**
C.A.S. : 9012-36-6

Description a white free flowing powder
Solubility 1.5% hot aq. Soln is clear & colourless
Gel strenght (1.5% gel) Min 800 g\cm²
Loss on drying % Max 10.0
Sulafe (SO₄) % Max 0.5
Sulfated ash % Max 1.0
EEO (Mr) 0.25 - 0.30
Gelling tem (1.5% gel) 3.6±1.5 °C
A 1.5 aq ~ 50°C 430 nm 0.1
A 1.5 aq ~ 525 nm 0.05
A 1.5 aq ~ 625 nm 0.03

Agarose low EEO For Microbiology

Product code: DM0530025 **25 gr**
C.A.S. : 9012-36-6

Description a white free flowing powder
Solubility 1.5% hot aq. Soln is clear & colourless
Gel strenght (1.5% gel) Min 800 g\cm²
Loss on drying % Max 10.0
Sulfated ash % Max 0.75
Sulfate (SO₄) Max 0.2
EEO (-Mr) 0.10 - 0.15
Gelling tem (1.5% gel) 38± 40 °C
A 1.5 aq ~ 50°C 430 nm 0.1
A 1.5 aq ~ 430 nm 0.05
A 1.5 aq ~ 430 nm 0.03

Agarose medium EEO type (I) For Microbiology
Product code: DM0510025 **25 gr**
C.A.S. : 9012-36-6

Description a white free flowing powder
Solubility 1.5% hot aq. Soln is clear & colourless
Gel strenght (1.5% gel) Min 1500mg\cm²
Loss on drying % Max 10.0
Sulfated ash % Max 1.0
Sulfate (SO₄) Max 0.2
EEO (Mr) 0.15 - 0.20
Gelling temperature 36 °C
A 1.5 aq ~ 50°C 430 nm 0.01
A 1.5 aq ~ 525 nm 0.05
A 1.5 aq ~ 655 nm 0.03

β-Alanine For Biochemistry
C₃H₇NO₂ MW=89.09

Product code: 502040025 **25 gr**
C.A.S. : 107-95-9
EINECS : 203-536-5
Assay % Min 99.0
Loss on drying at 110 °C % Max 0.5
Sulfated ash % Max 0.1
Iron (Fe) % Max 0.0005
Lead (Pb) % Max 0.002

D-Alanine For Biochemistry
C₃H₇NO₂ MW=89.09

Product code: 502120025 **25 gr**
C.A.S. : 338-69-2
EINECS : 206-418-1
Assay % Min 99.0
Specific rotation [α]₂₀ -17.5 +/- 1°
Specific rotation [α]₂₀ -14.0 +/- 1°

DL-Alanine For Biochemistry
C₃H₇NO₂ MW=89.09

Product code: 504360025 **25 gr**
C.A.S. : 302-72-7
EINECS : 206-126-4
Assay (HClO₄ titration) % Min 99.0
Heavy metals (as Pb) % Max 0.001

L-Alanine For Biochemistry
C₃H₇NO₂ MW =89.09

Product code: 502130025 **25 gr**
C.A.S. : 56-41-7
EINECS : 206-126-4
Assay (HClO₄ titration) % Min 99.0
Heavy metals (as Pb) % Max 0.001
Ammonium (NH₄) % Max 0.01
Foreign amino acids % Max 0.3
Ninhydrine positive substances (as glycine) % Max 0.1
Specific rotation +14° to +15°

Albumine bovine serum fraction V

Laboratory Reagent

Product code: 501020005

C.A.S. : 9048-46-8

5 gr

EINECS : 232-936-2

Assay %	Min 98.5
Nitrogen %	Min 15.5
pH (5% water)	~6.8 - 7.2

Alginate acid

Laboratory Reagent

(C₆H₈O₆)_n MW =48000-186000

Product code: 501270500

C.A.S. : 9005-32-7

500 gr

EINECS : 232-680-1

Arsenic (As) %	Max 0.0005
Iron (Fe) %	Max 0.03
Heavy Metals (as Pb) %	Max 0.004
Loss on drying (105 °C, 4hrs) %	Max 15.0
Ash %	Max 4.0

Alizarin

Analytical Reagent

C₁₄H₈O₄ MW =240.20

Product code: 500530025

C.A.S. : 72-48-0

25 gr

EINECS : 200-782-5

pH 5.5- 6.8	Yellow to reddish-violet
Absorption max1 in NaOH 0.1 mol/l	564 - 568 nm
Absorption max2 in NaOH 0.1 mol/l	605 - 609 nm
A 1%, 1cm, λ 2max	Min 525
Sulfatash %	Max 1
Loss on drying %	Max 5
A 1%, 1cm, λ 1max	Min 625
A 1%, 1cm, λ 2max	Min 525



H319
P264-P280-P305-P351-P338-P337-P313

Alizarin red S

Analytical Reagent

C₁₄H₇NaO₇S MW =342.3

Product code: 401190025

C.A.S. : 130-22-3

25 gr

Dye Content %	Min 70.0
Transition range pH 4.3-6.3	Yellow-Pink
pH 9.4-12.0	Brown orange-Violet
Solubility 0.1% in water	Clear solution
Absorption maxima in 0.1N NaOH	553-559 nm
Absorption maxima in 0.1N NaOH	592-599 nm
Absorptivity (A1%/1cm at 556)	Min 350.0
Absorptivity (A1%/1cm at 595)	Min 325.0
Loss on drying (110 °C) %	Max 5.0



H319-H335-H315
P280-P302-P352-P304-P340-P305-P351+P338-P309-P311

Aluminium fine powder

Laboratory Reagent

Al MW =26.98

Product code: 301230250/0500

C.A.S. : 7429-90-5

250 gr

EINECS : 231-072-3

500 gr

Assay %	Min 98
Silicon (Si) %	Max 0.1
Copper (Cu) %	Max 0.02
Nitrogen content (as N) %	Max 0.001
Insoluble in dil HCl %	Max 0.005
Iron (Fe) %	Max 0.1
Manganese (Mn) %	Max 0.02
Titanium (Ti) %	Max 0.03



H250-H261
P210-P222-P231-P232-P370-P378B-P422A-P501A

Aluminium ammonium sulfate dodecahydrate

Analytical Reagent

AlNH₄(SO₄)₂·12H₂O MW=453.32

Product code: 301120500

C.A.S. : 7784-26-1

500 gr

EINECS : 232-055-3

Assay %	98-102
Phosphate (PO ₄) %	Max 0.0025
Insoluble matter %	Max 0.005
Reaction %	Not less than pH 3.0
Chloride (Cl) %	Max 0.001
Nitrate (NO ₃) %	Max 0.001
Silicate (SiO ₂) %	Max 0.002
Arsenic (As) %	Max 0.00005
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.001
Potassium (K) %	Max 0.05
Sodium (Na) %	Max 0.01



H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Aluminium chloride hexahydrate

Analytical Reagent

AlCl₃·6H₂O MW=241.43

Product code: 301080500

C.A.S. : 7784-13-6

500 gr

EINECS : 231-208-1

Assay (AT) %	Min 99
Sulfate (SO ₄) %	Max 0.005
Calcium (Ca) %	Max 0.01
Cadmium (Cd) %	Max 0.005
Cobalt (Co) %	Max 0.005
Copper (Cu) %	Max 0.005
Iron (Fe) %	Max 0.005
Potassium (K) %	Max 0.01
Sodium (Na) %	Max 0.05
Nickel (Ni) %	Max 0.005
Lead (Pb) %	Max 0.005
Zinc (Zn) %	Max 0.005



H314
P280-P303-P361-P353-P305-P351-P338-P310

Aluminium chloride hexahydrate Laboratory Reagent

$AlCl_3 \cdot 6H_2O$ MW=241.43

Product code: 302270500

C.A.S. : 7784-13-6

500 gr

EINECS : 231-208-1

Assay %	97 - 101
Sulfate (SO_4) %	Max 0.01
Heavy metals (as Pb) %	Max 0.005
Arsenic (As) %	Max 0.0004
Iron (Fe) %	Max 0.005
Substances not preprecipitate by NH_3 (as SO_4) %	Max 0.2



H314
P280-P303-P361-P353-P305-P351-P338-P310

Aluminium hydroxide gel Laboratory Reagent

$Al(OH)_3$ MW=78.0

Product code: 302280500

C.A.S. : 21645-51-2

500 gr

EINECS : 244-492-7

Assay (as Al_2O_3) %	47.0 - 60.0
Identification	Passes IP test
pH (4% w/v in water)	Max 10.0
Arsenic (As) %	Max 0.0005
Heavy metal	Max 0.006
Chloride(Cl) %	Max 1.25
Sulfate (SO_4)	Max 1.2
Neutralising capacity	Passes IP test
Microbial contamination	Free from E.Coli



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Aluminium nitrate nonahydrate Laboratory Reagent

$Al(NO_3)_3 \cdot 9H_2O$ MW =375.13

Product code: 301820500

C.A.S. : 7784-27-2

500 gr

EINECS : 236-751-8

Assay %	Min 98
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Sodium (Na) %	Max 0.01
Iron (Fe) %	Max 0.005
Potassium (K) %	Max 0.01



H272-H315-H319
P210-P221-P302-P352-P305-P351-P338-P321-P501a

Aluminium oxide G neutral Laboratory Reagent

Al_2O_3 MW =101.96

Product code: 302990500

C.A.S. : 1344-28-1

500 gr

EINECS : 215-691-6

Content of $CaSO_4$ %	About 10
Iron (Fe) %	Max 0.02
Chloride (Cl) %	Max 0.02
pH of 10% suspension	6.5 - 7.5

Aluminium potassium sulfate dodecahydrate Analytical Reagent

$AlK(SO_4)_2 \cdot 12H_2O$ MW=474.38

Product code: 314510500

C.A.S. : 7784-24-9

500 gr

EINECS : 233-141-3

Assay (Complexometry) %	99.0 - 102.0
Insoluble matter %	Max 0.005
pH of 10% solution water	3.0 - 3.5
Chloride (Cl) %	Max 0.0005
Ammonium (NH_4) %	Max 0.005
Arsenic (As) %	Max 0.0002
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Heavy metal (as Pb) %	Max 0.001
Sodium (Na) %	Max 0.02
Loss on drying (at 400 °C) %	43 - 46

Aluminium potassium sulfate dodecahydrate Laboratory Reagent

$AlK(SO_4)_2 \cdot 12H_2O$ MW=474.38

Product code: 314680500

C.A.S. : 7784-24-9

500 gr

EINECS : 233-141-3

Assay (ex Al) %	99 - 102
Ammonium (NH_4) %	Max 0.05
Chloride (Cl) %	Max 0.01
Iron (Fe) %	Max 0.01
Lead (Pb) %	Max 0.01

Aluminium sulfate octadecahydrate Analytical Reagent

$Al_2(SO_4)_3 \cdot 18H_2O$ MW=666.42

Product code: 301210500

C.A.S. : 7784-31-8

500 gr

Assay [$Al_2(SO_4)_3 \cdot 18H_2O$] by EDTA titration %	98 - 102
Insoluble matter %	Max 0.005
Reaction	Min pH 2.5
Chloride (Cl) %	Max 0.001
Ammonium (NH_4) %	Max 0.002
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.002
Heavy metals (as Pb) %	Max 0.001
Calcium (Ca) %	Max 0.01
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.02
Substance not precipitated by ammonia (as SO_4) %	Max 0.2



H318
P280-P305-P351-P338-P310



Aluminium sulfate octadecahydrate Laboratory Reagent
 $\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$ MW=666.42

Product code: 306030500
C.A.S. : 7784-31-8
500 gr

Assay [complexometric $\text{Al}_2(\text{SO}_4)_3$] %	51 - 59
pH (2% water)	2.5 - 4.0
Chloride (Cl) %	Max 0.005
Heavy metals (as Pb) %	Max 0.002
Ammonium (NH_4) %	Max 0.005
Arsenic (As) %	Max 0.001
Calcium (Ca) %	Max 0.02
Iron (Fe) %	Max 0.005
Potassium (K) %	Max 0.2
Alkali and alkaline earth metals %	Max 0.4



H318
P280-P305-P351-P338-P310

Aluminon Analytical Reagent
 $\text{C}_{22}\text{H}_{23}\text{N}_3\text{O}_9$ MW=473.44

Product code: 501140025
C.A.S. : 569-58-4
25 gr

EINECS : 209-319-1

Molar absorptivity of Al complex	Min 11000.0
Sulfated ash %	Max 0.2
Insoluble matter %	Max 0.1



H315-H319
P280-P305-P351-P338-P302-P352-P321-P362-332-P313

4-Aminoantipyrine Analytical Reagent
 $\text{C}_{11}\text{H}_{13}\text{N}_3\text{O}$ MW =203.24

Product code: 302240025
C.A.S. : 83-07-8
25 gr

EINECS : 201-452-3

Assay (HClO_4 titration) %	Min 99
Sulfated ash %	Max 0.1
Loss on drying %	Max 0.5
Melting point °C	107 - 110



H302-H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

2-Aminophenol Laboratory Reagent
 $\text{C}_6\text{H}_7\text{NO}$ MW =109.13

Product code: 516380100
C.A.S. : 95-55-6
100 gr

EINECS : 202-431-1

Assay %	Min 99.0
Melting range °C	173.0-176.0



H341-H302-H332
P280-P302-P352

3-Aminophenol Laboratory Reagent
 $\text{C}_6\text{H}_7\text{NO}$ MW =109.13

Product code: 301560500
C.A.S. : 591-27-5
500 gr

EINECS : 209-711-2

Assay (HClO_4 titration) %	Min 99.0
Melting range °C	120.0 - 124.0



H302-H332-H411-H401
P273-P302-P352

4-Aminophenol Laboratory Reagent
 $\text{C}_6\text{H}_7\text{NO}$ MW =109.13

Product code: 301310250
C.A.S. : 123-30-8
250 gr

EINECS : 204-616-2

Assay %	Min 98
Melting range °C	185 - 189C



H341-H400-H410-H302-H332
P280-P273-P302-P352-P501

Ammonium acetate Analytical Reagent
 $\text{CH}_3\text{COONH}_4$ MW=77.08

Product code: 300950500
C.A.S. : 631-61-8
500 gr

EINECS : 211-162-9

Assay %	Min 98
Insoluble matter %	Max 0.005
Reaction	pH 6.7-7.3
Phosphate (PO_4) %	Max 0.0005
Chloride (Cl) %	Max 0.0005
Nitrate (NO_3) %	Max 0.001
Sulfate (SO_4) %	Max 0.001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.0005
Residue on ignition (as SO_4) %	Max 0.01
Reducing substance as KMnO_4 %	Max 0.005
Water %	Max 2.0



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Ammonium acetate For Molecular Biology
 $\text{CH}_3\text{COONH}_4$ MW=77.08

Product code: 301350500
C.A.S. : 631-61-8
500 gr

EINECS : 211-162-9

Assay (T) %	Min 98
Heavy metals (as Pb) %	Max 0.0002
pH (5%; H_2O , 25 °C)	6.5 - 7.3
DNases, RNases, Proteases	Not detectable
Melting point °C	Approx. 114
Solubility (20 °C)	1480g/l (H_2O)



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Ammonium acetate

Laboratory Reagent
CH₃COONH₄ MW=77.08

Product code: 300980500

C.A.S. : 631-61-8

500 gr

EINECS : 211-162-9

Assay (ex NH ₃) %	Min 96
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.001



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Ammonium carbonate

Laboratory Reagent
proportions of: NH₄(HCO₃,NH₂CO₂) MW=157.13

Product code: 300910500

C.A.S. : 506-87-6

500 gr

EINECS : 208-058-0

Ammonia (NH ₃) %	30.0-34.0
Chloride (Cl) %	Max 0.0035
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Iron (Fe) %	Max 0.001
Residue on ignition (as SO ₄) %	Max 0.1



H315-H319-H335
P261-P305-P351-P338P302-P352-P321-P405-P501

Ammonium bromide

Analytical Reagent
NH₄Br MW =97.94

Product code: 300990500

C.A.S. : 12124-97-9

500 gr

EINECS : 235-183-8

Assay (after drying) %	Min 99.5
Insoluble matter %	Max 0.005
pH (5%; water)	4.5-6.0
Arsenic (As) %	Max 0.0002
Barium (Ba) %	Max 0.002
Calcium (Ca) %	Max 0.01
Copper (Cu) %	Max 0.0003
Magnesium (Mg) %	Max 0.002
Residue on ignition %	Max 0.01
Loss on drying at 100°C %	Max 0.1
Bromate (BrO ₃) %	Max 0.001
Chloride (Cl) %	Max 0.2
Iodide (I) %	Max 0.025
Sulfate (SO ₄) %	Max 0.005
Iron (Fe) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005



H315-H319
P280-P305-P351-P338-P362-P321-P332-P313-P337-P313

Ammonium chloride

Analytical Reagent
NH₄Cl MW=53.49

Product code: 301030500

C.A.S. : 12125-02-9

500 gr

EINECS : 235-186-4

Assay %	Min 99.5
pH (5% solution)	4.5 - 5.5
Insoluble matter %	Max 0.005
Non-volatile matter %	Max 0.005
Iodide (I) %	Max 0.001
Phosphate (PO ₄) %	Max 0.0002
Sulfate (SO ₄) %	Max 0.002
Calcium (Ca) %	Max 0.001
Iron (Fe) %	Max 0.0002
Heavy metals (as Pb) %	Max 0.0005
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.005
Magnesium (Mg) %	Max 0.005
Pyridine and homologues %	Max 0.001
Arsenic (As) %	Max 0.00005



H315-H319
P280-P305-P351-P338-P362-P321-P332-P313-P337-P313

Ammonium carbonate

Analytical Reagent
Proportions of: NH₄(HCO₃,NH₂CO₂) MW=157.13

Product code: 301180500

C.A.S. : 506-87-6

500 gr

EINECS : 208-058-0

Assay (as NH ₃) %	Min 31
Water insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.0005
Sulfur compounds (as SO ₄) %	Max 0.002
Iron (Fe) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Non volatile matter %	Max



H315-H319-H335
P261-P305-P351-P338P302-P352-P321-P405-P501

Ammonium chloride

Laboratory Reagent
NH₄Cl MW=53.49

Product code: 301111000/5000

C.A.S. : 12125-02-9

1 kg

5 kg

EINECS : 235-186-4

Assay (by argentometry) %	Min 99
Sulfate (SO ₄) %	Max 0.015
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0003
Lead (Pb) %	Max 0.001
Calcium (Ca) %	Max 0.02
Iron (Fe) %	Max 0.002
Copper (Cu) %	Max 0.0025
Zinc (Zn) %	Max 0.0025
Residue on ignition (800 °C) %	Max 0.1
pH (5% solution)	4.5-5.5
Loss on drying (105 °C) %	Max 0.5



H315-H319
P280-P305-P351-P338-P362-P321-P332-P313-P337-P313

Ammonium fluoride

Laboratory Reagent
NH₄F MW=37.04

Product code: 300970500

C.A.S. : 12125-01-8

500 gr

EINECS : 235-185-9

Assay %	Min 95
Sulfate (SO ₄) %	Max 0.02
Chloride (Cl) %	Max 0.001
Fluorosilicate (SiF ₆) %	Max 0.2
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.002



H301-H311-H330
P260-P301-P310-P320-P361-P405-P501

Ammonium hydrogen carbonate

Analytical Reagent
NH₄HCO₃ MW=79.06

Product code: 301600500

C.A.S. : 1066-33-7

500 gr

EINECS : 213-911-5

Assay %	Min 99.0
Insoluble matter %	Max 0.003
Non-volatile matter %	Max 0.005
Chloride (Cl) %	Max 0.0002
Phosphate (PO ₄) %	Max 0.001
Silicate (SiO ₂) %	Max 0.005
Sulfate (SO ₄) %	Max 0.002
Sulfide (S) %	Max 0.0002
Arsenic (As) %	Max 0.00004
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.0001
Lead (Pb) %	Max 0.0002
Magnesium (Mg)	Max 0.002
Potassium (K)	Max 0.002
Sodium (Na)	Max 0.005



H302
P264-P270-P301-P312-P330-P501A

Ammonium hydroxide ammonia 25%

Analytical Reagent
NH₄OH MW =35.05

Product code: 301592500

C.A.S. : 1336-21-6

2.5 L

EINECS : 215-647-6

Assay %	Min 24
Residue on Evaporation %	Max 0.003
Substances Reducing KMnO ₄ (asO) %	Max 0.0008
Chlorides (Cl) %	Max 0.0001
Phosphates (PO ₄) %	Max 0.0001
Total Sulfur (as SO ₄) %	Max 0.0003
Carbonates (CO ₃) %	Max 0.002
Heavy Metals (as Pb) %	Max 0.00005
Calcium and magnesium (as Ca) %	Max 0.0002
Iron (Fe) %	Max 0.00025



H314-H335-H410
P280-P261-P301-P330-P331-P305-P305-P351-P338-P501

Ammonium iron (III) citrate

Laboratory Reagent

Product code: 301370500

C.A.S. : 1185-57-5

500 gr

EINECS : 214-686-6

Iron Content (Iodometric) %	20.5-22.5
Chloride (Cl) %	Max 0.05
Tartrate (C ₄ H ₄ O ₆) %	Max 0.5
Sulfate (SO ₄) %	Max 0.2
Arsenic (As) %	Max 0.0004
Lead (Pb) %	Max 0.005

Ammonium iron (II) sulfate hexahydrate

Analytical Reagent

FeH₂N₂O₈·6H₂O MW=392.14

Product code: 301090500

C.A.S. : 7783-85-9

500 gr

EINECS : 233-382-4

Assay %	99 - 101.5
Insoluble matter %	Max 0.01
Phosphate (PO ₄) %	Max 0.003
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.003
Ferric ion %	Max 0.01
Manganese (Mn) %	Max 0.01
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.002
Sodium (Na) %	Max 0.02
Substances not precipitated by ammonium hydroxide %	Max 0.05
Zinc (Zn) %	Max 0.003



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Ammonium iron (II) sulfate hexahydrate

Laboratory Reagent

FeH₂N₂O₈·6H₂O MW=392.14

Product code: 304020500/1000

C.A.S. : 7783-85-9

500 gr

1 kg

EINECS : 233-382-4

Assay (oxidimetric) %	Min 98.5
Chloride (Cl) %	Max 0.005
Ferric ion (Fe) %	Max 0.05



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

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Ammonium iron (III) sulfate dodecahydrate

Analytical Reagent
 $\text{NH}_4\text{FeS}_2\text{O}_8 \cdot 12\text{H}_2\text{O}$ MW=482.18

Product code: 301100500/1000

C.A.S. : 7783-83-7

EINECS : 233-382-4

Assay %	98.5 - 102
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.001
Copper (Cu) %	Max 0.003
Ferrous ion No reaction Nitrate (NO_3) %	Max 0.01
Substances not precipitable by NH_3 %	Max 0.05
Zinc (Zn) %	Max 0.003

500 gr
1 kg



H315-H319
P280-P305-P351-P338-P302-P352-P321-P362-P332-P313

Ammonium iron (III) sulfate dodecahydrate

Laboratory Reagent
 $\text{NH}_4\text{FeS}_2\text{O}_8 \cdot 12\text{H}_2\text{O}$ MW=482.18

Product code: 300920500

C.A.S. : 7783-83-7

EINECS : 233-382-4

Assay (Iodometry) %	98 - 101
Chloride (Cl) %	Max 0.002
Zinc (Zn) %	Max 0.005
Lead (Pb) %	Max 0.002
Iron II Fe(II) %	Max 0.002
Copper (Cu) %	Max 0.002
Substances not precipitable by NH_3 (as SO_4) %	Max 0.1

500 gr



H315-H319
P280-P305-P351-P338-P302-P352-P321-P362-P332-P313

Ammonium metavanadate

Analytical Reagent
 NH_4VO_3 MW =116.98

Product code: 301390100

C.A.S. : 7803-55-6

EINECS : 232-216-3

Assay %	Min 99.0
Insoluble matter in NH_4OH %	Max 0.01
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Phosphate (PO_4) %	Max 0.005
Iron (Fe) %	Max 0.002
carbonate (CO_3) %	Max 0.3
Copper (Cu) %	Max 0.005
Nickel (Ni) %	Max 0.002

100 gr



H300-H341-H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Ammonium metavanadate

Laboratory Reagent
 NH_4VO_3 MW =116.98

Product code: 301860100

C.A.S. : 7803-55-6

EINECS : 232-216-3

Assay %	Min 98
Sulfate (SO_4) %	Max 0.05
Chloride (Cl) %	Max 0.01
Phosphate (PO_4) %	Max 0.02

100 gr



H300-H341-H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Ammonium molybdate tetrahydrate

Analytical Reagent
 $\text{H}_{24}\text{Mo}_7\text{N}_6\text{O}_{24} \cdot 4\text{H}_2\text{O}$ MW =1235.90

Product code: 304050100

C.A.S. : 12054-85-2

EINECS : 234-722-4

Assay %	Min 99.0
Assay (as MoO_3) %	81.0 – 83.0
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.002
Arsenate phosphate, silicate (PO_4) %	Max 0.001
Nitrate (NO_3) %	Max 0.003
Sulfate (SO_4) %	Max 0.02
Phosphate (PO_4) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.005
Sodium (Na) %	Max 0.01
Potassium (K) %	Max 0.01

100 gr



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501

Ammonium molybdate tetrahydrate

Laboratory Reagent
 $\text{H}_{24}\text{Mo}_7\text{N}_6\text{O}_{24} \cdot 4\text{H}_2\text{O}$ MW =1235.90

Product code: 301340100

C.A.S. : 12054-85-2

EINECS : 234-722-4

Assay %	Min 98
Sulfate (SO_4) %	Max 0.02
Chloride (Cl) %	Max 0.002
Phosphate, arsenate, silicate (as PO_4) %	Max 0.002
Lead (Pb) %	Max 0.002
Iron (Fe) %	Max 0.005

100 gr



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501

Ammonium oxalate monohydrate Analytical Reagent
 $C_2H_8N_2O_4 \cdot H_2O$ MW=142.11

Product code: 301150500
C.A.S. : 6009-70-7 **500 gr**
EINECS : 238-135-4
 Assay % 99 - 101
 Insoluble matter % Max 0.005
 Chloride (Cl) % Max 0.002
 Sulfate (SO₄) % Max 0.002
 Iron (Fe) % Max 0.0002
 Heavy metals (as Pb) % Max 0.0005
 Residue on ignition % Max 0.02



H302-H312
 P280-P301-P312-P312-P352-P312-P322-P501

Ammonium persulfate For Molecular Biology
 $(NH_4)_2S_2O_8$ MW =228.20

Product code: 302350100
C.A.S. : 7727-54-0 **100 gr**
EINECS : 231-786-5
 Assay % Min 98
 Dnases / RNases / Proteases Not Detected Solubility (20 °C in water) 582 g/l (H₂O)
 Free acid % Max 0.1
 Melting point °C Approx. 120
 pH (5%; H₂O; 20 °C) 3 - 4
 Residue on ignition % Max 0.05
 Chlorate % Max 0.001
 Chloride (Cl) % Max 0.001
 Iron (Fe) % Max 0.001
 Manganese (Mn) % Max 0.00005
 Lead (Pb) % Max 0.005



H272-H334-H302-H335-H315-H319-H317
 P210-P221-P285-P305-P351-P338-P405-P501

Ammonium oxalate monohydrate Laboratory Reagent
 $C_2H_8N_2O_4 \cdot H_2O$ MW=142.11

Product code: 301780500
C.A.S. : 6009-70-7 **500 gr**
EINECS : 238-135-4
 Assay % Min 99
 Chloride (Cl) % Max 0.01
 Iron (Fe) % Max 0.002
 Sulfated ash % Max 0.1
 Sulfate (SO₄) % Max 0.02



H302-H312
 P280-P301-P312-P312-P352-P312-P322-P501

Ammonium sulfate Analytical Reagent
 $(NH_4)_2SO_4$ MW =132.13

Product code: 301190500
C.A.S. : 7783-20-2 **500 gr**
EINECS : 231-984-1
 Assay (acidimetric on dried substances) % 99.0-100.5
 Insoluble matter % Max 0.001
 Loss on drying at 100 °C % Max 0.1
 pH (5% solution 20 °C) 5.0-6.0
 Chloride (Cl) % Max 0.0003
 Arsenic (As) % Max 0.00002
 Calcium (Ca) % Max 0.001
 Copper (Cu) % Max 0.0002
 Iron (Fe) % Max 0.0002
 Lead (Pb) % Max 0.0002
 Nitrate (NO₃) % Max 0.001
 Phosphate (Po₄) % Max 0.0005
 Magnesium (Mg) % Max 0.0005
 Cadmium (Cd) % Max 0.0001
 Zinc (Zn) % Max 0.0001
 Residue on ignition (as SO₄) % Max 0.005

Ammonium persulfate Analytical Reagent
 $(NH_4)_2S_2O_8$ MW =228.20

Product code: 301160500
C.A.S. : 7727-54-0 **500 gr**
EINECS : 231-786-5
 Assay % Min 98.0
 Water insoluble matter % Max 0.005
 Titrable free Acid Max 0.044 meq/g
 Chloride, Chlorate % Max 0.001
 Iron (Fe) % Max 0.001
 Heavy metal (as Pb) % Max 0.005
 Manganese (Mn) % Max 0.00005
 Residue on ignition (as SO₄) % Max 0.05



H272-H334-H302-H335-H315-H319-H317
 P210-P221-P285-P305-P351-P338-P405-P501

Ammonium sulfate Laboratory Reagent
 $(NH_4)_2SO_4$ MW =132.13

Product code: 300940500/5000
C.A.S. : 7783-20-2 **500 gr**
EINECS : 231-984-1 **5 kg**
 Assay (acidimetric on dried substance) % Min 98.5
 pH (5% solution 20 °C) 4.5-6.0
 Chloride (Cl) % Max 0.002
 Nitrate (NO₃) % Max 0.002
 Heavy metals (as Pb) % Max 0.001
 Iron (Fe) % Max 0.001
 Arsenic (As) % Max 0.00005
 Loss on drying (105 °C) % Max 1.0
 Residue on ignition (as SO₄) % Max 0.05



Ammonium thiocyanate 0.1 M (0.1N) Standardized solution
traceable to NIST
NH₄SCN MW =76.12

Product code: BVS02001

C.A.S. : 1762-95-4 1 L

EINECS : 217-175-6



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

Ammonium thiocyanate 1 M (1N) Standardized solution
traceable to NIST
NH₄SCN MW =76.12

Product code: BVS02010

C.A.S. : 1762-95-4 1 L

EINECS : 217-175-6



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

Ammonium thiocyanate Analytical Reagent
NH₄SCN MW =76.12

Product code: 301850500

C.A.S. : 1762-95-4 500 gr

EINECS : 217-175-6

Assay (argentometric) %	Min 99
Sulfide (S) %	Max 0.001
Lead (Pb) %	Max 0.0004
Residue on ignition (as SO ₄) %	Max 0.025
Insoluble matter %	Max 0.005
pH (5% solution in water)	4.8-5.8
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.0025
Copper (Cu) %	Max 0.0004
Iron (Fe) %	Max 0.0005
Iodine consuming substances %	Max 0.02



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

Ammonium thiocyanate Laboratory Reagent
NH₄SCN MW =76.12

Product code: 313230500

C.A.S. : 1762-95-4 500 gr

EINECS : 217-175-6

Assay (argentometric) %	Min 98.5
Iron (Fe) %	Max 0.0005
Sulfide (S) %	Max 0.002
Residue on ignition (as SO ₄) %	Max 0.05
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.02
Heavy metals (as Pb) %	Max 0.002



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

Anaerobic agar (Brewer) For Microbiology

Product code: DM2400500

500 gr

Proteose peptone	10.000 G/L
Casein enzymic hydrolysate	5.000 G/L
Yeast extract	5.000 G/L
Dextrose	10.000 G/L
Sodium chloride	5.000 G/L
Sodium thioglycollate	2.000 G/L
Sodium formaldehyde sulfoxylate	1.000 G/L
Resazurin	0.002 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.2 ± 0.2 G/L
pH range	7.00 - 7.40
Reaction	reaction of 3.5% w/v aqueous solution at 25°C pH 7.2 ± 7.40

Anisaldehyde

Laboratory Reagent

C₈H₈O₂ MW =136.15

Product code: 201330250

C.A.S. : 123-11-5

250 ml

EINECS : 204-602-6

Assay %

Min 98



H302
P280F

o-Anisidine

For Synthesis

C₇H₇NO MW =123.16

Product code: 201230500

C.A.S. : 90-04-0

500 ml

EINECS : 201-963-1

Assay %

Min 98

Density

1.091-1.093



H301-H311-H331-H350-H341
P201-P309-P310

p-Anisidine

For Synthesis

C₇H₇NO MW =123.16

Product code: 201240250

C.A.S. : 104-94-9

250 ml

EINECS : 203-254-2

Assay %

Min 98

Melting point

56 59°C



H300-H310-H330-H373-H400
P260-P301-P310-P304-P340-P320-P330-P361-P405-P501A



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Anisole

For Synthesis
 C_7H_8O MW =108.14

Product code: 201130500

C.A.S. : 100-66-3

500 ml

EINECS : 202-876-1

Assay % Min 99.0
Density 0.992-0.994
Boiling Point °C 156



H226-H332-H315-H319-H335-H303
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Anthracene

Laboratory Reagent
 $C_{14}H_{10}$ MW =178.23

Product code: 201220100

C.A.S. : 120-12-7

100 gr

EINECS : 204-371-1

Assay % Min 96
Melting range °C 213 - 216



H410
P273

Anthraquinone

For Synthesis
 $C_{14}H_8O_2$ MW =208.22

Product code: 301420500

C.A.S. : 84-65-1

500 gr

EINECS : 201-549-0

Assay (ex C, H) % Min 98
Melting range °C 283 - 288
Moisture % Max 0.1
Sulfated ash % Max 0.1



H351-H317
P261-P280-P281-P363-P405-P501A

Anthrone

Analytical Reagent
 $C_{14}H_{10}O$ MW =194.23

Product code: 301430025

C.A.S. : 90-44-8

25 gr

EINECS : 201-994-0

Assay % Min 99
Melting range °C 152 - 156
Iron (Fe) % Max 0.001
Loss on drying (at 105 °C) % Max 0.5



H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Antibiotic assay medium N° 1 (seed agar)

For Microbiology

Product code: DM2010500

500 gr

Peptic digest of animal tissue (Peptone) 6000G/L
Casein enzymic hydrolysate 4.000G/L
Yeast extract 3.000 G/L
Beef extract 1500 G/L
Dextrose 1.000 G/L
Agar 15.000 G/L
Final pH (at 25°C) 6.6 ± 0.2

Antibiotic assay medium N° 2 (base agar)

For Microbiology

Product code: DM2020500

500 gr

Peptic digest of animal tissue (Peptone) 6.000 G/L
Beef extract 1.500 G/L
Yeast extract 3.000 G/L
Agar 15.000
Final pH (at 25°C) 6.6 ± 0.2

Antibiotic assay medium N° 3

For Microbiology

Product code: DM2030500

500 gr

Peptic digest of animal tissue (Peptone) 5.00 G/L
Beef extract 1.500 G/L
Yeast extract 1.500 G/L
Dextrose 1.000 G/L
Sodium chloride 3.500 G/L
Dipotassium phosphate 3.680 G/L
Potassium dihydrogen phosphate 1.320 G/L
Final pH (at 25°C) 7.0 ± 0.2

Antibiotic assay medium N° 4 (yeast beef agar)

For Microbiology

Product code: DM2040500

500 gr

Peptic digest of animal tissue (peptone) 6.000 G/L
Beef extract 1.500 G/L
Yeast extract 3.000 G/L
Dextrose 1.000 G/L
Agar 15.000 G/L
pH range 6.40 - 6.80
Reaction reaction of 2.65% w/v aqueous solution at 25°C pH: 6.6 ± 0.2

Antibiotic assay medium N° 5

For Microbiology

Product code: DM2050500

500 gr

Peptic digest of animal tissue (Peptone) 6.00 G/L
Beef extract 1.500 G/L
Yeast extract 3.00 G/L
Agar 15.00 G/L
Final pH (at 25°C) 7.9 ± 0.2

Antibiotic assay medium N° 6 For Microbiology

Product code: DM2060500 **500 gr**

Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Manganese sulfate	0.030 G/L
Final pH (at 25°C)	7.0 ± 0.2
pH range	6.80 - 7.20
Reaction	of 3.0% w/v aqueous solution solution at 25°C pH 7.0 ± 0.2

Antibiotic assay medium N° 7 For Microbiology

Product code: DM2070500 **500 gr**

Beef extract	1.500 G/L
Yeast extract	3.000 G/L
Pancreatic digest of gelatin	6.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.0 ± 0.2 G/L

Antibiotic assay medium N° 8 For Microbiology

Product code: DM2080500 **500 gr**

Peptic digest of animal tissue (Peptone)	6.00 G/L
Yeast extract	3.00 G/L
Beef extract	1.50 G/L
Agar	15.00 G/L
Final pH (at 25°C)	5.9 ± 0.2

Antibiotic assay medium N° 9 For Microbiology
(polymyxin base agar)

Product code: DM2090500 **500 gr**

Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Agar	20.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
pH range	7.00 - 7.40
Reaction	of 5% w/v aqueous solution solution at 25°C pH 7.2 ± 0.2

Antibiotic assay medium N° 10 For Microbiology
(polymyxin seed agar)

Product code: DM2100500 **500 gr**

Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Agar	12.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
pH range	7.00 - 7.40
Reaction	of 4.2 % w/v aqueous solution containing 1% polysorbate 80 at 25°C pH 7.2 ± 0.2

Antibiotic assay medium N° 12 For Microbiology
(nystatin assay agar)

Product code: DM2120500 **500 gr**

Peptic digest of animal tissue (Peptone)	10.000 G/L
Sodium chloride	10.000 G/L
Dextrose	10.000 G/L
Beef extract	2.500 G/L
Yeast extract	5.000 G/L
Agar	25.000 G/L
Final pH (at 25°C)	6.1 ± 0.2

Antimony (III) chloride Analytical Reagent
SbCl₃ MW =228.12

Product code: 301200250 **250 gr**
C.A.S. : 10025-91-9
EINECS : 233-047-2

Assay %	Min 99
Substance insoluble in chloroform %	Max 0.02
Substance insoluble in HCl %	Max 0.005
Sulfate (SO ₄) %	Max 0.005
Arsenic (As) %	Max 0.0005
Calcium (Ca) %	Max 0.005
Lead (Pb) %	Max 0.003
Iron (Fe) %	Max 0.002
Copper (Cu) %	Max 0.0005
Sodium (Na) %	Max 0.005
Potassium (K) %	Max 0.01



H314-H411
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501

Antimony (III) oxide Analytical Reagent
Sb₂O₃ MW =291.54

Product code: 302210100 **100 gr**
C.A.S. : 1309-64-4
EINECS : 215-175-0

Assay %	Min 99.0
Substance insoluble in HCl %	Max 0.05
Chloride (Cl) %	Max 0.05
Sulphate (SO ₄) %	Max 0.01
Arsenic (As) %	Max 0.03
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.002
Iron (Fe) %	Max 0.003
Potassium (K) %	Max 0.002
Sodium (Na) %	Max 0.002
Lead (Pb) %	Max 0.025



H351
P210-P202-P281-P308-P313-P405-P501

Antimony potassium tartrate trihydrate

Analytical Reagent
 $C_8H_4K_2O_{12}Sb_2 \cdot 3H_2O$ MW=667.87

Product code: 301260100
C.A.S. : 28300-74-5 **100 gr**
EINECS : 229-436-1

Assay %	Min 99.5
pH (5% solution)	4.0-4.2
Water insoluble matter %	Max 0.005
Arsenic (As) %	Max 0.0006
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.002



H301-H330-H373-400-H410
P260-P301-P310-P304-P340-P320-P330-405-P501

L(+)-Arabinose

For Biochemistry
 $C_5H_{10}O_5$ MW =150.13

Product code: 301450010/0025
C.A.S. : 5328-37-0 **10 gr**
EINECS : 226-214-6 **25 gr**

Assay %	Min 99
Loss in drying at 60 °C (in vacuo) %	Max 0.5
Arsenic (As)	Max 0.00005
Iron (Fe) %	Max 0.0005
Sulfated ash %	Max 0.1
(d)20D (C=10 in H ₂ O, 24hrs)	+102° to +104°

Arsenic (III) oxide

Analytical Reagent
 As_2O_3 MW =197.84

Product code: 501240100/0500
C.A.S. : 1324-53-3 **100 gr**
EINECS : 215-481-4 **500 gr**

Assay %	Min 99
Insoluble matter in NH ₄ OH %	Max 0.01
Residue on ignition %	Max 0.05
Chloride (Cl) %	Max 0.005
Sulfide (S) %	Max 0.001
Antimony (Sb) %	Max 0.05
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.002



H350 H300 H314 H410
P201-P281-P273-P301-P330-P331-P304-P340-P309-P310-P405-P501

L-Asparagine monohydrate

For Biochemistry
 $C_4H_8N_2O_3 \cdot H_2O$ MW =150.13

Product code: 112040025/0100
C.A.S. : 5794-13-8 **25 gr**
EINECS : 200-735-9 **100 gr**

Assay %	Min 99.0
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Aspartic acid %	Max 0.5
Foreign amino acids %	Max 0.3
Other ninhydrin positive substances (as glycine) %	Max 0.1
Water %	11.5-12.5

L-Aspartic acid

For Biochemistry
 $NH_2C_4O_4$ MW =133.10

Product code: 101340100
C.A.S. : 56-84-8 **100 gr**
EINECS : 200-291-6

Assay %	98.5 - 101.5
Specific rotation	+24° to +26°
Residue on ignition %	Max 0.1
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.001
Loss on drying (at 105 °C for 3 Hrs.) %	Max 0.5

Atropine sulfate monohydrate

Analytical Reagent
 $C_{17}H_{27}N_3O_6 \cdot H_2O$ MW =694.83

Product code: 101360005
C.A.S. : 5908-99-6 **5 gr**
EINECS : 200-104-8

Residue on ignition %	Max 0.05
Melting point °C	189 - 192



H300-H330
P260-P301-P310-P304-P340-P320-P330-P405-P501A

Auramine

For Microscopy
 $C_{17}H_{22}N_3Cl$ MW =303.83

Product code: 101280025/0100
C.A.S. : 2465-27-2 **25 gr**
EINECS : 219-567-2 **100 gr**

Absorption maxima	429 - 433 nm
Absorptivity (A1% 1cm, Absorption maxima, pH 6.0 on dried substance)	Min 900
Loss on drying (105 °C) %	Max 10



H311-H351-H302
P280-P281-P361-P302-P352-P405-P501

Azur A

For Microscopy
 $C_{14}H_{14}ClN_3S$ MW =291.80

Product code: 101410010
C.A.S. : 531-53-3 **10 gr**
EINECS : 208-510-7

Absorption maxima (0.003g/l in water)	625 - 634 nm
Absorptivity (A1%, 1cm in H ₂ O at œ max)	Min 1100
Loss on drying (110 °C) %	Max 8

Azur B

For Microscopy
 $C_{15}H_{16}ClN_3S$ MW =305.83

Product code: 101420005
C.A.S. : 531-55-5 **5 gr**
EINECS : 208-511-2

Dye content %	Min 80
Absorption maxima (Water)	645 - 650 nm
Absorptivity (A1%/1cm, H ₂ O at λ max.; on dried substance)	Min 1600
Loss on drying (at 110 °C) %	Max 5



H341
P281-P201-P202-P308-P313-P405-P501A

Azur (II)

For Microscopy
 $C_{16}H_{18}N_3S \cdot C_{15}H_{16}N_3S_2 \cdot Cl$ MW = 625.68

Product code: 101240010/0025

C.A.S. : 37247-10-2

Absorption maximum (H₂O) 655 - 660 nm
Absoptivity (A1%1cm, in H₂O at absorption max, on dried subs.) Min 1800
Loss on drying (at 110°C) % Max 12

10 gr

25 gr



H318
P280-P305-P351-P338

Baird parker agar

For Microbiology

Product code: DM2130500

500 gr

Casein enzymic hydrolysate 10.000 G/L
Beef extract 5.000 G/L
Yeast extract 1.000 G/L
Glycine 12.000 G/L
Sodium pyruvate 10.000 G/L
Lithium chloride 5.000 G/L
Agar 20.000 G/L
Final pH (at 25°C) 7.0 ± 0.2
pH range 6.80 - 7.20
Reaction reaction of 6.3% w/v aqueous solution at 25°C pH 7.0 ± 0.2

Balsam canada

For Synthesis

Product code: 101430100

C.A.S. : 8007-47-4

100 gr

EINECS : 232-362-2

Natural drying time 2-3 days
Refractive index (at 15 °C) 1.525-1.535
Oven drying time (at 60-80 °C) 1 hour



H226
P210-P280-P240-P303-P361-P353-P403-P235-P501A

Barbituric acid

Analytical Reagent

$C_4H_4N_2O_3$ MW = 128.09

Product code: 101440100

C.A.S. : 67-52-7

100 gr

EINECS : 200-658-0

Assay % Min 99.5
Chloride (Cl) % Max 0.004
Iron (Fe) % Max 0.001
Loss on drying (105 °C) % Max 0.1
Sulfated ash % Max 0.1
Heavy metals (as Pb) % Max 0.005

Barium acetate

Analytical Reagent

$C_4H_6BaO_4$ MW = 255.42

Product code: 301500500

C.A.S. : 543-80-6

500 gr

EINECS : 208-849-0

Assay (Complexometric) % 99.0-102.0
Insoluble matter % Max 0.01
pH (5% solution) 7.0 - 8.5
Chloride (Cl) % Max 0.001
Substance oxidizables (as NO₂) % Max 0.005
Heavy metals (as Pb) % Max 0.0005
Calcium (Ca) % Max 0.05
Iron (Fe) % Max 0.0005
Strontium (Sr) % Max 0.2
Potassium (K) % Max 0.003
Sodium (Na) % Max 0.005
Substance not precipitated by sulfuric acid (as sulfates) % Max 0.1



H302-H332
P261-P264-P304-P340-P301-P312-P312-P501A



Barium carbonate

Analytical Reagent
BaCO₃ MW =197.34

Product code: 302010500/1000

C.A.S. : 513-77-9

EINECS : 208-167-3

Assay (Acidimetric) %	Min 98.5
Chloride (Cl) %	Max 0.005
Sulfide (S) %	Max 0.001
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.005
Calcium (Ca) %	Max 0.05
Strontium (Sr) %	Max 0.8
Hydroxide and alkali carbonate (as Ba(OH) ₂) %	Max 0.05
Substances oxidizable (as NO ₃) %	Max 0.05
Substances not precipitated by sulfuric acid (as Sulfate) %	Max 0.5



H301
P264-P270-P301-P310-P321-P405-P501

500 gr
1 kg

Barium chloride dihydrate

Laboratory Reagent
BaCl₂·2H₂O MW =244.28

Product code: 302040500/5000

C.A.S. : 10326-27-9

EINECS : 233-788-1

Assay %	Min 99
Heavy metals (as Pb) %	Max 0.001
Substances not precipitated by dil.sulfuric acid (as Sulfate) %	Max 0.1
Iron (Fe) %	Max 0.001



H301-H332
P261-P301-P310-P304-P340-P321-P405-P501

500 gr
5 kg

Barium carbonate

Laboratory Reagent
BaCO₃ MW =197.34

Product code: 302060500

C.A.S. : 513-77-9

EINECS : 208-167-3

Assay (Acidimetric) %	Min 98.5
Chloride (Cl) %	Max 0.005
Sulfide (S) %	Max 0.001
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.005
Calcium (Ca) %	Max 0.05
Strontium (Sr) %	Max 0.8
Hydroxide and alkali carbonate (as Ba(OH) ₂) %	Max 0.05
Substances oxidizable (as NO ₃) %	Max 0.05
Substances not precipitated by sulfuric acid (as Sulfate) %	Max 0.5



H301
P264-P270-P301-P310-P321-P405-P501

500 gr

Barium chromate

Analytical Reagent
BaCrO₄ MW =253.32

Product code: 301510100/0250

C.A.S. : 10294-40-3

EINECS : 233-660-5

Assay %	Min 99
Soluble chromates (as CrO ₃) %	Max 0.05
Insoluble in HCl %	Max 0.1
Iron (Fe) %	Max 0.002
Chloride (Cl) %	Max 0.01



H302-H332
P261-P264-P304-P340-P301-P312-P501A

100 gr
250 gr

Barium hydroxide octahydrate

Laboratory Reagent
Ba(OH)₂·8H₂O MW =315.47

Product code: 302100500

C.A.S. : 12230-71-6

EINECS : 241-234-5

Assay (by acidimetry) %	Min 97
Substances insoluble in dil. HCl %	Max 0.02
Chloride (Cl) %	Max 0.05
Iron (Fe) %	Max 0.003
Strontium (Sr) %	Max 1.0
Heavy metals (as Pb) %	Max 0.002
Carbonates (as BaCO ₃) %	Max 2.0
Sulfide (S) %	Max 0.005
Substances not precipitated by dil. H ₂ SO ₄ (as Sulfate) %	Max 0.2



H314-H302-H332
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501

500 gr

Barium chloride dihydrate

Analytical Reagent
BaCl₂·2H₂O MW =244.28

Product code: 302030500

C.A.S. : 10326-27-9

EINECS : 233-788-1

Assay %	Min 99.0
Insoluble matter %	Max 0.005
Oxidizing substances %	Max 0.005
Loss on drying @ 105°C %	14.0-16.0
pH (25°C, 5%; water)	5.2-8.2
Calcium (Ca) %	Max 0.05
Iron (Fe) %	Max 0.0002
Heavy metal (Pb) %	Max 0.0005
Potassium (K) %	Max 0.0025
Sodium (Na) %	Max 0.005
Strontium (Sr) %	Max 0.1



H301-H332
P261-P301-P310-P304-P340-P321-P405-P501

500 gr



Finding
US on the web

www.biochemopharma.fr

Barium nitrate

Analytical Reagent
Ba(NO₃)₂ MW =261.32

Product code: 302140500/1000

C.A.S. : 10022-31-8

EINECS : 233-020-5

500 gr
1 kg

Assay (Complexometric) %	Min 99
Calcium (Ca) %	Max 0.002
Iron (Fe) %	Max 0.0002
Potassium (K) %	Max 0.005
pH (5% water)	5.0 - 8.0
Heavy metals (as Pb) %	Max 0.0005
Sodium (Na) %	Max 0.005
Insoluble matter %	Max 0.001
Chloride (Cl) %	Max 0.0005
Strontium (Sr) %	Max 0.05



H272-H302-H332
P221-P210-P220-P261-P304-P340-P501A

Barium nitrate

Laboratory Reagent
Ba(NO₃)₂ MW =261.32

Product code: 302160500

C.A.S. : 10022-31-8

EINECS : 233-020-5

500 gr

Assay %	Min 98.5
Chloride (Cl) %	Max 0.005
Substances not precipitated by dil. H ₂ SO ₄ (as Sulfate) %	Max 0.2
Iron (Fe) %	Max 0.002
Heavy metals (as Pb) %	Max 0.002



H272-H302-H332
P221-P210-P220-P261-P304-P340-P501A

Barium sulfate precipitated

Laboratory Reagent
BaSO₄ MW =233.39

Product code: 302200500/2000

C.A.S. : 7727-43-7

EINECS : 231-784-4

500 gr
2 kg

Assay %	Min 97
Soluble barium compounds %	Max 0.005
Chloride (Cl) %	Max 0.05
Arsenic (As) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.001
Loss on Ignition %	Max 2

Bentonite powder

Laboratory Reagent

Product code: 202040500

C.A.S. : 1302-78-9

EINECS : 215-108-5

500 gr

Loss on drying (at 105 °C) %	5 - 12
pH (2% w/v suspension in water) %	9-10.5
Arsenic (As) %	Max 0.0008
Sedimentation value	Max 2 ml
Swelling power	Min 24 ml
Coarse particles	Max 0.1 gm remains on 200 no. Sieve

Benzaldehyde

Analytical Reagent
C₇H₆O MW =106.12

Product code: 202050500/1000

C.A.S. : 100-52-7

EINECS : 202-860-4

500 ml
1L

Assay %	Min 99
Wt. per ml at 20 °C	1.044 - 1.046 g/ml
Refractive index	1.544 - 1.546
Acidity (C ₆ H ₅ COOH) %	Max 0.3
Sulfated ash %	Max 0.01
Benzylidene dichloride (C ₇ H ₆ Cl ₂) %	Max 0.05
Ionised chloride (Cl) %	Max 0.0001



H302
P262

Benzene

Analytical Reagent
C₆H₆ MW =78.11

Product code: 201160500/1000

C.A.S. : 71-43-2

EINECS : 200-753-7

500 ml
1 L

Assay %	Min 99.5
Wt. per ml at 20 °C	0.877-0.878 g
Refractive index	1.499 -1.502
Alkalinity	Max 0.0001 meq/g
Copper (Cu) %	Max 0.00002
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.00002
Sulfur compound (CS ₂) %	Max 0.0003
Thiophene (C ₄ H ₄ S) %	Max 0.001
Freezing point °C	Min 5.2
Water %	Max 0.05
Acidity	Max 0.0001 meq/g
Non volatile matter %	Max 0.001



H225-H350-H372-H304-H315-H319
P210-P301-P310-P303-P361-P353-P305-P351-P338-P405-P501

Benzoic acid

For Synthesis
C₇H₆O₂ MW =122.12

Product code: 202190500

C.A.S. : 65-85-0

EINECS : 200-618-2

500 gr

Assay (by acidimetry) %	Min 99.5
Melting Point °C	121.5 - 123.5
Sulfate (SO ₄) %	Max 0.02
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0001
Copper (Cu) %	Max 0.0025
Lead (Pb) %	Max 0.0005
Zinc (Zn) %	Max 0.0025
Halogenated compounds (chlorobenzoic acid) (as Cl) %	Max 0.01
Water %	Max 0.7
Sulfated ash %	Max 0.05



H302-H319-H335
P280-P305-P351-P338

Benzoin Laboratory Reagent
 $C_{14}H_{12}O_2$ MW =212.25

Product code: 102160100/0250 **100 gr**
C.A.S. : 119-53-9 **250 gr**
EINECS : 204-331-3

Assay % Min 99
 Melting point °C 132 - 135

Benzoyl chloride Analytical Reagent
 C_7H_5ClO MW =140.57

Product code: 102140500 **500 ml**
C.A.S. : 98-88-4
EINECS : 202-710-8

Assay % Min 99
 Phosphorous compounds (P) % Max 0.002
 Heavy metals (as Pb) % Max 0.001
 Iron (Fe) % Max 0.001



H311-H314-H302-H332-H317
 P280-P303-P361-P353-P305-P351-P338-P310

Benzyl alcohol Analytical Reagent
 C_7H_8O MW =108.14

Product code: 202240250/0500 **250 ml**
C.A.S. : 100-51-6 **500 ml**
EINECS : 202-859-9

Assay % Min 99
 Wt. per ml at 20 °C 1.043 - 1.048 g
 Refractive index 1.538 - 1.541
 Acidity % Max 0.5 ml N
 Non volatile matter % Max 0.05
 Free acid (as $C_7H_6O_2$) % Max 0.01
 Chlorine and organic bound chlorine (as Cl) % Max 0.001
 Heavy metals (as Pb) % Max 0.0001
 Iron (Fe) % Max 0.0001
 Benzaldehyde % Max 0.1
 Peroxide value % Max 5
 Sulfated ash % Max 0.005
 Water % Max 0.1



H302-H332
 P280-P305-P351-P330

Bile salt For Microbiology

Product code: DM1010500 **500 gr**

Description yellowish - brown powder
 Solubility soluble in water and alcohol
 Bile acid % Not less than 65
 pH (2% solution) 6 - 8
 Sulfated ash % Max 13 - 17
 Loss on drying % Max 5

Bio peptone For Microbiology

Product code: DM1130500 **500 gr**

pH (1% w/v aqueous solution) 25°C 5.5 - 7.2

Typical cultural response after 18 - 48 hours at 35 °C

E. Coli	good
Klebsiella	good
Proteus	good
S. aureus	good

Biochemical test

MR	+ ve
VP	± ve
Nitrate reduction	- ve
Carbohydrate fermentation	- ve

D-Biotin For Biochemistry
 $C_{10}H_{16}N_2O_3S$ MW =244.31

Product code: 202270001 **1 gr**
C.A.S. : 58-85-5
EINECS : 200-399-3

Assay % 97.0 - 100.5
 Specific rotation +89° to +93°

Biphenyl For Synthesis
 $C_{12}H_{10}$ MW=154.21

Product code: 204080100/0250 **100 gr**
C.A.S. : 92-52-4 **250 gr**
EINECS : 202-163-5

Assay % Min 99
 Melting point °C 68 70



H400-H410-H315-H319-H335-H303
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

2,2'-Bipyridyl Analytical Reagent
 $C_{10}H_8N_2$ MW =156.19

Product code: 202230005 **5 gr**
C.A.S. : 366-18-7
EINECS : 206-674-4

Assay % Min 99.5
 Melting point °C 69 - 72
 Sensitivity to Iron (Fe) Min 1:10,000,000
 Sulfated ash % Max 0.05



H301-H311
 P301-P310-P302-P352-P321-P361-P405-P501



Bismuth nitrate pentahydrateAnalytical Reagent
Bi(NO₃)₃·5H₂O MW =485.07**Product code:** 302090100**C.A.S. :** 10035-06-0**100 gr****EINECS :** 233-791-8

Assay (ex Bi) %	Min 98
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.002
Ammonium (NH ₄) %	Max 0.003
Arsenic (As) %	Max 0.0005
Lead (Pb) %	Max 0.005
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.002
Copper (Cu) %	Max 0.002
Silver (Ag) %	Max 0.001
Zinc (Zn) %	Max 0.001
Substance not precipitated by H ₂ S (as Sulfate) %	Max 0.5

H272-H315-H319-H335
P221-P210-P220-P305-P351-P338-P405-P501A**Bismuth oxide**Laboratory Reagent
Bi₂O₃ MW =465.96**Product code:** 302170100**C.A.S. :** 1304-76-3**100 gr****EINECS :** 215-134-7

Assay %	Min 99.5
pH (5% solution)	4.0-4.2
Water insoluble matter %	Max 0.005
Arsenic (As) %	Max 0.0006
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.002

Bismuth oxychlorideLaboratory Reagent
BiClO MW =260.43**Product code:** 302390100**C.A.S. :** 7787-59-9**100 gr****EINECS :** 232-122-7

Assay %	Min 98
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H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A**Biuret**Analytical Reagent
C₂H₅N₃O₂ MW =103.08**Product code:** 302000025/0050**C.A.S. :** 108-19-0**25 gr
50 gr****EINECS :** 203-559-0

Assay (ex N) %	Min 96
Water %	About 2.0
Melting range °C	190 - 194

H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501**Blood agar base No.2 w/1,2 % agar For Microbiology****Product code:** DM2420500**500 gr**

Proteose peptone	15.000 G/L
Liver extract	2.50 G/L
Yeast extract	5.000 G/L
Sodium chloride	5.000 G/L
Agar	12.000 G/L
Final pH (at 25°C)	7.4 ± 0.2

Boric acidAnalytical Reagent
H₃BO₃ MW =61.83**Product code:** 102030500**C.A.S. :** 10043-35-3**500 gr****EINECS :** 233-139-2

Assay %	Min 99.5
Insoluble in methanol %	Max 0.005
Non volatile in methanol %	Max 0.05
Chloride (Cl) %	Max 0.001
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.01
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0001

H360FD
P201-P308-P313**Boric acid**Laboratory Reagent
H₃BO₃ MW =61.83**Product code:** 101980500**C.A.S. :** 10043-35-3**500 gr****EINECS :** 233-139-2

Assay (by acidimetry) %	99.5 - 100.5
pH (3.3%, water)	3.8 - 4.8
Sulfate (SO ₄) %	Max 0.04
Heavy metals (as Pb) %	Max 0.0015
Arsenic (As) %	Max 0.001
Loss on drying (5 hrs. over silica gel) %	Max 0.5

H360FD
P201-P308-P313**Boric acid crystal**Laboratory Reagent
H₃BO₃ MW =61.83**Product code:** 101990500**C.A.S. :** 10043-35-3**500 gr****EINECS :** 233-139-2

Assay (by acidimetry) %	Min 99.5
pH (3.3%, water)	3.8 - 4.8
Sulfate (SO ₄) %	Max 0.04
Heavy metals (as Pb) %	Max 0.0015
Arsenic (As) %	Max 0.0008
Sodium (Na) %	Max 0.002
Loss on drying (5h over silica gel)	Max 0.05

H360FD
P201-P308-P313

Brilliant green agar w/1,2 % agar For Microbiology

Product code: DM2140500	500 gr
Protease peptone	15.000 G/L
Yeast extract	3.000 G/L
Lactose	10.000 G/L
Sucrose	10.000 G/L
Sodium chloride	5.000 G/L
Phenol red	0.080 G/L
Brilliant green	0.0125 G/L
Agar	12.000 G/L
Final pH (at 25°C)	6.9 ± 0.2

Brilliant cresyl blue

Laboratory Reagent

 $C_{17}H_{21}ClN_3O$ MW = 332.84

Product code: 403260005	5 gr
Absorption maxima	623 - 628 nm
Specific Absorptivity A 1%/1cm (λ max; 0.005g/l; ethanol 50%)	Min 1200
Loss on drying (110 °C) %	Max 10
Ratio P-15/P+15	1.05 - 1.31

Brilliant green

Laboratory Reagent

 $C_{27}H_{34}N_4O_5S$ MW = 482.65

Product code: 316340025/0100	25 gr
C.A.S. : 633-03-4	100 gr
EINECS : 211-190-1	
Dye content %	Min 95
Absorption max.(in ethanol 50%)	628 - 632 nm

H302-H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P405-P501**Bromobenzene**

Analytical Reagent

 C_6H_5Br MW = 157.01

Product code: 402270250	250 ml
C.A.S. : 108-86-1	
EINECS : 203-623-8	
Assay (by GC) %	Min 99.5
Wt.per ml at 20 °C	1.49-1.50 g
Water (KF) %	Max 0.1

H226-H315-H303-H401-H411
P210-P280-P303-P361-P353-P362-P403-P235-P501A**Bromocresol green indicator**

Analytical Reagent

 $C_{21}H_{16}Br_4O_5S$ MW = 698.04

Product code: 402070005/0025	5 gr
C.A.S. : 76-60-8	25 gr
EINECS : 200-972-8	
Dye content (By spectrophotometry) %	Min 95
IR spectrum	Passes test
pH 3.8-5.4	Yellow to blue
Appearance of solution	Conforms
Loss on drying (at 110°C) %	Max 3
Transition range (according to ACS)	Passes test
Sensitivity test	Passes test

Bromocresol purple

Analytical Reagent

 $C_{21}H_{16}Br_2O_5S$ MW = 540.24

Product code: 402160005/0025	5 gr
C.A.S. : 115-40-2	25 gr
EINECS : 204-087-8	
pH transition 5.2 - 6.8	Yellow to purple
Appearance of solution	Conforms
Loss on drying (at 110 °C) %	Max 1

H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501**Bromoethane**

Laboratory Reagent

 C_2H_5Br MW = 108.97

Product code: 402280250	250 ml
C.A.S. : 74-96-4	
EINECS : 200-825-8	
Assay (GC) %	Min 99
Non volatile matter %	Max 0.005
Acidity %	Max 0.015
Free bromine %	Max 0.005
Wt.per ml at 20 °C	1.456 - 1.462 g
Refractive index	1.4235 - 1.4250

H225-H351-H302-H332
P210-P241-P261-P303-P361-P353-P405-P501**Bromoform 98%**

Laboratory Reagent

 $CHBr_3$ MW = 252.73

Product code: 402300250	250 ml
C.A.S. : 75-25-2	
EINECS : 200-854-6	
Assay (GC) %	Min 98.0
Wt.per ml at 20 °C	2.870 - 2.890g
Refractive index n_D^{20}	1.5960 - 1.5980

H331-H302-H315-H319-H351-H411
P261-P280-P281-P305-P351-P338-P405-P501A**Bromophenol blue**

Analytical Reagent

 $C_{19}H_{10}Br_4O_5S$ MW = 669.98

Product code: 402020025	25 gr
C.A.S. : 115-39-9	
EINECS : 204-086-2	
pH 3.0 - 4.6	Yellow to Blue
Loss on drying (105°C) %	Max 1.0
transition range pH 3.0 - 4.5	Greenish yellow - blue violet

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n-Bromosuccinimide Laboratory Reagent
 $C_4H_4BrNO_2$ MW =177.99

Product code: 402040100
C.A.S. : 128-08-5 **100 gr**
EINECS : 204-877-2

Assay (iodometric) % Min 98
 Melting point °C 175 - 180
 Sulfated ash % Max 0.1



H314-H400-H302-H312
 P260-P301-P330-P331-P303-P361P353-P305-P351-P338-P405-P501a

Bromothymol blue Analytical Reagent
 $C_{27}H_{28}Br_2O_5S$ MW =624.40

Product code: 402120025
C.A.S. : 76-59-5 **25 gr**
EINECS : 200-971-2

pH transition 6.0-7.6 Yellow to blue
 Loss on drying (110 °C) % Max 3.0

Brucine Analytical Reagent
 $C_{23}H_{28}N_2O_4$ MW =394.47

Product code: 402050010
C.A.S. : 357-57-3 **10 gr**
EINECS : 206-614-7

Assay (HClO₄ titration, on anhydrous substance) % Min 99
 Melting range °C 175 - 180
 Sulfated ash % Max 0.1
 Suitability as micro reagent of nitrate Passes test



H300-H330-H412
 P260-P301-P310-P304-P340-P320-P330-P405-P501A

Buffer solution pH 4.0 Laboratory Reagent

Product code: 216091000 **1 L**

Buffer pH 4 at 20°C
 Tolerance +/- 0.01
 Description : Clear pink liquid

Buffer solution pH 7.0 Laboratory Reagent

Product code: 216101000 **1 L**

Buffer pH 7 at 20°C
 Tolerance +/- 0.01
 Description : Clear yellow liquid

Buffer solution pH 10.0 Laboratory Reagent

Product code: 216061000 **1 L**

Buffer pH 10 at 20°C
 Tolerance +/- 0.01
 Description : Clear blue liquid

1-Butanol Analytical Reagent
 $C_4H_{10}O$ MW =74.12

Product code: 202121000/2500
C.A.S. : 71-36-3 **1 L**
EINECS : 200-751-6 **2.5 L**

Assay (by GC) % Min 99.0
 Water (KF) % Max 0.1
 Residue on Evaporation % Max 0.001
 Acidity (meq/g) (meq/g) Max 0.0005
 Aldehydes and ketones % Max. 0.03



H318-H315-H226-H302-H335-H336
 P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

1-Butanol For HPLC & Spectroscopy
 $C_4H_{10}O$ MW =74.12

Product code: 201171000
C.A.S. : 71-36-3 **1 L**
EINECS : 200-751-6

Assay (GC) % Min 99.7
 Non volatile matter % Max 0.001
 Water (by KF) % Max 0.1
 Free acid (as C₄H₇COOH) % Max 0.002
 Transmittance at 215 nm % Min 10
 Transmittance at 230 nm % Min 65
 Transmittance at 235 nm % Min 80
 Transmittance at 240 nm % Min 85
 Transmittance at 250 nm % Min 92
 Transmittance from 280 nm % Min 98



H318-H315-H226-H302-H335-H336
 P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

n-Butyl acetate Analytical Reagent
 $C_6H_{12}O_2$ MW =116.16

Product code: 202130500/1000
C.A.S. : 123-86-4 **500 ml**
EINECS : 204-658-1 **1 L**

Assay (GC) % Min 99.5
 Wt.per ml at 20 °C 0.880 - 0.882 g/ml
 Refractive index 1.394 - 1.395
 Water (H₂O) % Max 0.1
 Acidity (CH₃COOH) % Max 0.005
 Non volatile matter % Max 0.001
 Copper (Cu) % Max 0.0001
 Iron (Fe) % Max 0.0001
 Lead (Pb) % Max 0.0001



H226-H336-EUH066
 P210-P261-P262

n-Butyric acid

For Synthesis
 $C_4H_8O_2$ MW =88.11

Product code: 102320500

C.A.S. : 107-92-6

500 ml

EINECS : 203-532-3

Assay %
Density (d₂₀ °C/4 °C)
Water %
Refractive Index (n₂₀ °C/D) %

Min 99
0.956 - 0.958
Max 0.2
1.3969



H314
P260-P301-P330-P331-P303-P361-P353-P305-P351-P338-P405-P501

Cadmium granular

Analytical Reagent
Cd MW =112.41

Product code: 303390100

C.A.S. : 7440-43-9

100 gr

EINECS : 231-152-8

Assay %

Min 99.9



H228-H330-H350-H372-H341-H361-H400-H410-H302
P210-P241-P260-P320-P405-P501

Cadmium acetate dihydrate

Laboratory Reagent
 $(CH_3COO)_2Cd \cdot 2H_2O$ MW=266.52

Product code: 302800500

C.A.S. : 5743-04-4

500 gr

EINECS : 208-853-2

Assay (Complexometric) %
Chloride (Cl) %
Nitrate (NO₃) %
Sulfate (SO₄) %
Iron (Fe) %
Potassium (K) %
Sodium (Na) %
Zinc (Zn) %

Min 98
Max 0.005
Max 0.005
Max 0.01
Max 0.002
Max 0.01
Max 0.01
Max 0.02



H400-H410-H302-H312-H332
P261-P280-P302-P352-P304-P340-P322-P501

Cadmium nitrate tetrahydrate

Analytical Reagent
 $Cd(NO_3)_2 \cdot 4H_2O$ MW =308.47

Product code: 303050100

C.A.S. : 10022-68-1

100 gr

EINECS : 233-710-6

Assay %
Insoluble matter in water %
Melting point °C
Chloride (Cl) %
Sulfate (SO₄) %
Lead (Pb)
Copper (Cu) %
Iron (Fe) %
Zinc (Zn)
Calcium (Ca) %
Sodium (Na) %

Min 99
Max 0.005
About 59
Max 0.001
Max 0.002
Max 0.003
Max 0.001
Max 0.001
Max 0.001
Max 0.005
Max 0.005



H350-H272-H400-H410-H302-H312-H332
P221-P210-P220-P304-P340-P405-P501A



Cadmium nitrate tetrahydrate Laboratory Reagent

$\text{CdN}_2\text{O}_6 \cdot 4\text{H}_2\text{O}$ MW =308.47

Product code: 302940250
C.A.S. : 10022-68-1 **250 gr**
EINECS : 233-710-6

Assay %	Min 99
Insoluble matter in water %	Max 0.01
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Iron (Fe) %	Max 0.001
Potassium (K) %	Max 0.002
Sodium (Na) %	Max 0.01
Zinc (Zn) %	Max 0.002



H350-H272-H400-H410-H302-H312-H332
P221-P210-P220-P304-P340-P405-P501A

Cadmium oxide Laboratory Reagent

CdO MW =128.41

Product code: 303430100
C.A.S. : 1306-19-0 **100 gr**
EINECS : 215-146-2

Assay (ex Cd) %	Min 99.5
Sodium (Na) %	Max 0.01
Potassium (K) %	Max 0.002
Iron (Fe) %	Max 0.005



H330-H350-H372-H341-H361-H400-H410
P260-P284-P304-P340-P320-P405-P501A

Cadmium sulfate octahydrate Analytical Reagent

$3\text{CdSO}_4 \cdot 8\text{H}_2\text{O}$ MW =769.52

Product code: 302510100
C.A.S. : 7790-84-3 **100 gr**
EINECS : 233-331-6

Assay %	99 - 102
Insoluble matter %	Max 0.005
pH (5%; water)	3.0 - 6.0
Total nitrogen %	Max 0.0005
Chloride (Cl) %	Max 0.001
Arsenic (As) %	Max 0.00005
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.002
Sodium (Na) %	Max 0.005
Zinc (Zn) %	Max 0.005



H301-H330-H350-H360-H372-H400-H410
P260-P284-P301-P310-P320-P405-P501

Cadmium sulfate octahydrate Laboratory Reagent

$3\text{CdSO}_4 \cdot 8\text{H}_2\text{O}$ MW =769.52

Product code: 302430100
C.A.S. : 7790-84-3 **100 gr**
EINECS : 233-331-6

Assay (by complexometry, $\text{CdSO}_4 \cdot 8/3 \text{H}_2\text{O}$) %	Min 98
Chloride (Cl) %	Max 0.005
Arsenic (As) %	Max 0.0005
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.001
Copper (Cu) %	Max 0.005



H301-H330-H350-H360-H372-H400-H410
P260-P284-P301-P310-P320-P405-P501

Caffeine anhydrous Analytical Reagent

$\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$ MW =194.19

Product code: 102350100
C.A.S. : 58-08-2 **100 gr**
EINECS : 200-362-1

Assay %	Min 99
Water insoluble matter %	Max 0.005
Acidity %	Max 0.5 ml N
Melting point °C	235 - 237
Loss on drying (at 80 °C) %	Max 0.5
Sulfated ash %	Max 0.1
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.0002
Lead (Pb) %	Max 0.0002
Zinc (Zn) %	Max 0.0002
Theobromine ($\text{C}_7\text{H}_8\text{N}_4\text{O}_2$) %	Max 0.2



H301
P264-P270-P301-P310-P321-P405-P501

Calcium acetate hydrate Analytical Reagent

$(\text{CH}_3\text{COO})_2\text{Ca} \cdot x\text{H}_2\text{O}(\text{anhy.})$ MW =158.17

Product code: 303150500
C.A.S. : 114460-21-8 **500 gr**
EINECS : 200-540-9

Assay (by complexometry, on anhydrous Substance) %	99 - 100.5
Appearance of the solution	Passes test
pH (5%, water)	7.0 - 9.0
Barium (Ba) %	Max 0.005
Chloride (Cl) %	Max 0.05
Fluoride (F) %	Max 0.005
Sulfate (SO_4) %	Max 0.1
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0003
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.0002
Water %	Max 7.0
Matter insoluble in water %	Max 0.3
Formic acid, formates and other oxidizable impurities %	Max 0.1



H315-H319-H335
P261-P305-P351-P338

Calcium acetate hydrate

Laboratory Reagent
(CH₃COO)₂Ca.xH₂O MW=158.17

Product code: 303510500

C.A.S. : 114460-21-8

500 gr

EINECS : 200-540-9

Assay (ex Ca) %	Min 97
Loss on drying (at 200 °C) %	Max 7.0
Chloride (Cl) %	Max 0.05
Sulfate (SO ₄) %	Max 0.2
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.001

Calcium carbonate

Analytical Reagent
CaCO₃ MW =100.09

Product code: 303030500

C.A.S. : 471-34-1

500 gr

EINECS : 207-439-9

Assay %	Min 99
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.02
Heavy metals (Pb) %	Max 0.001
Iron (Fe) %	Max 0.02
Arsenic (As) %	Max 0.0003

Calcium carbonate

Laboratory Reagent
CaCO₃ MW =100.09

Product code: 303130500

C.A.S. : 471-34-1

500 gr

EINECS : 207-439-9

Assay %	Min 98
Substances insoluble in acetic acid %	Max 0.2
Substances insoluble in HCl %	Max 0.2
Chloride (Cl) %	Max 0.025
Sulfate (SO ₄) %	Max 0.25
Heavy metals (as Pb) %	Max 0.002
Lead (Pb) %	Max 0.001
Copper (Cu) %	Max 0.001
Zinc (Zn) %	Max 0.001
Iron (Fe) %	Max 0.02
Arsenic (As) %	Max 0.0003
Magnesium (as alkali metals) %	Max 1.0
Loss on drying (200 °C, 4 hrs.) %	Max 2.0

Calcium hydroxide

Laboratory Reagent
Ca(OH)₂ MW =74.09

Product code: 302740500

C.A.S. : 1305-62-0

500 gr

EINECS : 215-137-3

Assay (Acidimetric) %	Min 95
Chloride (Cl) %	Max 0.04
Sulfate (SO ₄) %	Max 0.4
Iron (Fe) %	Max 0.1
Heavy metals (as Pb) %	Max 0.005
Substances not precipitated by ammonium oxalate (as SO ₄) %	Max 2.5



H314
P260-P303-P361-P353-P305-P351-P338-P3016P330-P331-P405-P501

Calcium nitrate tetrahydrate

Analytical Reagent
Ca(NO₃)₂.4H₂O MW =236.15

Product code: 303330500

C.A.S. : 13477-34-4

500 gr

EINECS : 233-332-1

Assay %	99 - 103
pH of 5% solution	5 - 7
Nitrite (NO ₂) %	Max 0.001
Ammonium (NH ₄) %	Max 0.005
Insoluble matter in water %	Max 0.005
Chloride (Cl) %	Max 0.005
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Barium (Ba) %	Max 0.01
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.015
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.02
Strontium (Sr) %	Max 0.01



H272-H315-H319-H335-H303
P221-P210-P220-P305-P351-P338-P405-P501A

Calcium nitrate tetrahydrate

Laboratory Reagent
Ca(NO₃)₂.4H₂O MW =236.15

Product code: 303320500

C.A.S. : 13477-34-4

500 gr

EINECS : 233-332-1

Assay %	Min 98
Melting point °C	42
pH (5% water)	4 - 6
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.02
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.001
Ammonium (NH ₄) %	Max 0.005
Substances precipitated by ammonium oxalate (as SO ₄) %	Max 0.3



H272-H315-H319-H335-H303
P221-P210-P220-P305-P351-P338-P405-P501A

Calcium oxide lumps

Analytical Reagent
CaO MW =56.08

Product code: 302540500

C.A.S. : 1305-78-8

500 gr

EINECS : 215-138-9

Assay %	Min 90
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Nitrate (NO ₃) %	Max 0.05
Heavy metals (as Pb) %	Max 0.005
Loss on ignition (at 800 °C) %	Max 10.0



H314
P260-P301-P330-P331-P303-P361-P353-P331-P338-P405-P501

Calcium oxide powder	Laboratory Reagent CaO MW =56.08	
Product code: 302440500		
C.A.S. : 1305-78-8		500 gr
EINECS : 215-138-9		
Assay %	Min 90	
Substances insoluble in HCl %	Max 0.1	
Chloride (Cl) %	Max 0.05	
Sulfate (SO ₄) %	Max 0.5	
Heavy metals (as Pb) %	Max 0.005	
Iron (Fe) %	Max 0.03	
Loss on ignition (at 800 °C) %	Max 10	



H314
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501

Calcium-D-pantothenate	For Biochemistry C ₁₈ H ₃₂ CaN ₂ O ₁₀ MW =476.54	
Product code: 302750025		
C.A.S. : 137-08-6		25 gr
Calcium (Ca) %	8.2 - 8.6	
IR-Spectrum	Passes test	
Chloride (Cl) %	Max 0.02	
Loss on drying (at 105 °C) %	Max 2.0	

Calcium sulfate anhydrous	Laboratory Reagent CaSO ₄ MW =136.14	
Product code: 302900500		
C.A.S. : 7778-18-9		500 gr
EINECS : 231-900-3		
Assay %	Min 96	
Loss on ignition %	Max 3	



H334-H350-H317-H402-H412
P285-P261-P280-P342-P311-P405-P501A

Calcium sulfate dihydrate	Analytical Reagent CaSO ₄ ·2H ₂ O MW =172.17	
Product code: 302660500		
C.A.S. : 10101-41-4		500 gr
EINECS : 231-900-3		
Assay %	Min 99	
Substances insoluble in HCl %	Max 0.01	
Free acid (as H ₂ SO ₄) %	Max 0.01	
Free alkali (as Ca(OH) ₂) %	Max 0.01	
Chloride (Cl) %	Max 0.005	
Total nitrogen (N) %	Max 0.001	
Iron (Fe) %	Max 0.001	
Heavy metals (as Pb) %	Max 0.002	
Potassium (K) %	Max 0.01	
Magnesium (Mg) %	Max 0.01	
Sodium (Na) %	Max 0.1	

Calcium sulfate dihydrate	Laboratory Reagent CaSO ₄ ·2H ₂ O MW =172.17	
Product code: 302810500		
C.A.S. : 10101-41-4		500 gr
EINECS : 231-900-3		
Assay %	98 - 101	
Insoluble in HCl %	Max 0.02	
Loss on ignition (at 800 °C, 4 hrs.) %	18 - 22	
Iron (Fe) %	Max 0.002	
Heavy metals (as Pb) %	Max 0.005	
Chloride (Cl) %	Max 0.03	

Calmagite indicator	Analytical Reagent C ₁₇ H ₁₄ N ₂ O ₅ S MW =358.37	
Product code: 102360005		
C.A.S. : 3147-14-6		5 gr
EINECS : 221-563-0		
Appearance Brownish black Crystalline		powder
Suitability as indicator		Passes test



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Camphor	Laboratory Reagent C ₁₀ H ₁₆ O MW =152.24	
Product code: 102230100		
C.A.S. : 76-22-2		100 gr
EINECS : 244-350-4		
Assay %	Min 95	
Melting point °C	172 - 180	



H228-H315-H319
P210-P280g-P305-P351-P338

Capric acid	For Synthesis C ₁₀ H ₂₀ O ₂ MW =172.27	
Product code: 502050500		
C.A.S. : 334-48-5		500 ml
EINECS : 206-376-4		
Assay %	Min 98	
Melting range °C	29 - 33	



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Caproic acid	For Synthesis C ₆ H ₁₂ O ₂ MW =116.6	
Product code: 502060500		
C.A.S. : 142-62-1		500 gr
EINECS : 205-550-7		
Assay %	Min 98	
Density (20°C/4 °C)	0.926 - 0.928	



H311-H314-H318
P260-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Caprylic acid

For Synthesis
 $C_8H_{16}O_2$ MW =144.22

Product code: 502070500

C.A.S. : 124-07-2

500 gr

EINECS : 204-677-5

Assay (GC) %

Min 99

Density (d 20 °C/4 °C)

0.909 - 0.911



H314-H318-H302

P260-P303-P361-P353-P305-P338-P301-P330-P331-P405-P501A

Carboxymethyl cellulose sodium salt high viscosity

Laboratory Reagent

Product code: 502100500

500 gr

C.A.S. : 9004-32-4

Assay (as Na) (calc.a.d.s.) (perchl. Ac.) %

6.5 - 9.5

Residue on ignition (as SO_4) %

20 - 29.3

pH of 1% solution

6.5 - 8.0

Viscosity (2% soln at 20 °C)

400 - 800 cps

Loss on drying (at 105 °C) %

Max 10.0

Chloride (Cl) %

Max 0.25

Sodium glycolate %

Max 0.4

Heavy metals (as Pb) %

Max 0.002

Arsenic (As) %

Max 0.0003

Iron (Fe) %

Max 0.02

Carmine

For Microscopy

Product code: 403100005

5 gr

C.A.S. : 1390-65-4

EINECS : 215-724-4

λ 1 Max. Absorption in DMSO

563 - 571 nm

λ 2 Max. Absorption in DMSO

525 - 533 nm

A1%,1cm, λ 1 max %

Min 70

A1%,1cm, λ 2 max %

Min 100

Ration \hat{a} max.P+/-15 nm (at 528 nm)

1.00 - 1.10

Loss on drying (at 110 °C) %

Max 15

Casein acid hydrolysate

For Microbiology

Product code: DM1150500

500 gr

pH (1% w/v aqueous solution) 25°C

6.8 - 7.4

Typical cultural response after 24 - 48 hours at 35 °C

E. Coli	good
Klebsiella	good
Salmonella	good

Biochemical test

Indole	+ ve
H ₂ S	+ ve
Nitrate reduction	- ve

Casein peptone

For Microbiology

Product code: DM1070500

500 gr

C.A.S. : 73049-73-7

Description light tan, homogenous, free flowing powder
1% w/v aqueous solution remains clear amber, complete after autoclaving at 15 lbs

Solubility pressure (121 °C) for 15 minutes

pH of 2% w/v aqueous solution at 25 °C 6.5-7.5

Total nitrogen % 10

Amino nitrogen % 4

Ash % Max 15.0

Loss on drying % Max 5.0

Castor oil

Laboratory Reagent

Product code: 503150500/1000

500 ml

C.A.S. : 8001-79-4

1 L

EINECS : 232-293-8

Specific gravity at 25 °C

0.957 - 0.961

Free fatty acids

Passes test

Hydroxyl value

160 - 168

Viscosity (20 °C)

950 - 1050 mPas

Saponification value

176 - 182

Iodine value

83 - 88

Acid value

Max 2.0

Unsapnonificable %

Max 0.8

Cedar wood oil

Laboratory Reagent

Product code: 509060025

25 ml

C.A.S. : 8000-27-9

Refractive index

1.480 1.50

Specific gravity at 25 °C

0.960 0.970



H315

Cellobiose

For Biochemistry

$C_{12}H_{22}O_{11}$ MW =342.30

Product code: 500330005

5 gr

C.A.S. : 528-50-7

EINECS : 208-436-5

Assay %

Min 99

Heavy metals (as Pb) %

Max 0.001

Water %

Max 0.5

Cellulose microcrystalline

For Thin Layer Chromatography

$(C_6H_{10}O_5)_n$

Product code: 500340500

500 gr

C.A.S. : 9004-34-6

EINECS : 232-674-9

Water soluble substances %

Max 0.2

Loss on drying (at 105 °C) %

Max 6.0

pH (2% suspension)

5.0 - 7.5

Starch & Dextrin

Passes test

Sulfated ash %

0.2



H335

P261-P304-P340-P312-P405-P403-P233-P501A

Cerium (III) nitrate hexahydrate Analytical Reagent
 $CeN_3O_9 \cdot 6H_2O$ MW =434.23

Product code: 305170100
C.A.S. : 10294-41-4 **100 gr**
EINECS : 233-297-2

Assay (by complexometry) Min 99.9



H272-H318-H335-H315
P221-P210-P305-P351-P338-P302-P352-P405-P501

Cerium(IV) oxide Analytical Reagent
 CeO_2 MW =172.13

Product code: 305120100
C.A.S. : 1306-38-3 **100 gr**
EINECS : 215-150-4

Assay % Min 99.95
Other rare earths (as oxide) % Max 0.05



H302
P264-P270-P301-P312-P330-P501A

Cesium chloride Analytical Reagent
 $CsCl$ MW=168.36

Product code: 505150025
C.A.S. : 7647-17-8 **25 gr**
EINECS : 231-600-2

Assay (argentometric) % Min 99.5
Sulfate (SO_4) % Max 0.002
Total nitrogen (N) % Max 0.001
Aluminium (Al) % Max 0.0005
Lead (Pb) % Max 0.0001
Iron (Fe) % Max 0.0003
Potassium (K) % Max 0.002
Copper (Cu) % Max 0.0003
Lithium (Li) % Max 0.00005
Magnesium (Mg) % Max 0.0005
Sodium (Na) % Max 0.002
Rubidium (Rb) % Max 0.008
Zinc (Zn) % Max 0.0003

Cesium nitrate Analytical Reagent
 $CsNO_3$ MW =194.91

Product code: 305150010
C.A.S. : 7789-18-6 **10 gr**
EINECS : 232-146-8

Assay % Min 99.5



H272
P210-P220-P221-P280-P370-P378a-P501a

Cesium sulfate Analytical Reagent
 Cs_2SO_4 MW =361.87

Product code: 305160010
C.A.S. : 10294-54-9 **10 gr**
EINECS : 233-662-6

Assay % Min 99.5

Cetrimide agar base For Microbiology

Product code: DM2450500 **500 gr**

Pancreatic digest of gelatin 20.000 G/L
Magnesium chloride 1.400 G/L
Potassium sulfate 10.000 G/L
Cetrimide 0.300 G/L
Agar 15.000 G/L
Final pH (at 25°C) 7.2 ± 0.2 G/L
pH 7.2 ± 0.2
Reaction reaction of 4.67% w/v aqueous solution containing 1% glycerol at 25°C (after sterilization)

N-Cetyl-n,n,n trimethyl ammonium bromide - CTAB Analytical Reagent
 $C_{19}H_{42}BrN$ MW =364.46

Product code: 503200100
C.A.S. : 57-09-0 **100 gr**
EINECS : 200-311-3

Assay % Min 99
Heavy metals (as Pb) % Max 0.001
Iron (Fe) % Max 0.001
Sulfated ash % Max 0.1
Loss on drying % Max 1.0



H318-H400-H410-H302-H335-H315
P280-P273-P305-P351-P338-P337-P313-P391-P501

N-Cetyl-n,n,n trimethyl ammonium bromide - CTAB Laboratory Reagent
 $C_{19}H_{42}BrN$ MW =364.46

Product code: 503100100
C.A.S. : 57-09-0 **100 gr**
EINECS : 200-311-3

Assay % Min 98



H318-H400-H410-H302-H335-H315
P280-P273-P305-P351-P338-P337-P313-P391-P501

Chapman stone agar For Microbiology

Product code: DM2150500 **500 gr**

Casein enzymic hydrolysate 10.000 G/L
Yeast extract 2.500 G/L
Gelatin 30.000 G/L
D-Mannitol 10.000 G/L
Sodium chloride 55.000 G/L
Ammonium sulfate 75.000 G/L
Dipotassium phosphate 5.000 G/L
Agar 15.000 G/L
Final pH (at 25°C) 7.0 ± 0.2
pH range 6.80 ± 7.20
Reaction reaction of 20.25% w/v aqueous solution at 25°C pH 7.0 ± 0.2

Charcoal activated

Laboratory Reagent
C MW=12.01

Product code: 502990500/1000

C.A.S. : 7440-44-0

EINECS : 231-153-3

500 gr
1 kg

Substances soluble in HCl %	Max 5.0
Substances soluble in water %	Max 2.0
Heavy metals (as Pb) %	Max 0.01
Arsenic (As) %	Max 0.0005
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.05
Zinc (Zn) %	Max 0.15
n-Hexane absorption %	Max 30.0
Residue on ignition (At 800 °C) %	Max 5.0
Loss on drying (At 120 °C) %	Max 10.0
Iodine absorption	750 - 800 mg/gm

Chitin

Laboratory Reagent
(C₈H₁₃NO₃)_n MW =400.000

Product code: 503040100

C.A.S. : 1398-61-4

EINECS : 215-744-3

100 gr

Appearance	Light brownish flakes
Sulfated ash %	Max 5.0

Chloramine T trihydrate

For Synthesis
C₇H₇ClNNaO₃·3H₂O MW =281.69

Product code: 503280100

C.A.S. : 7080-50-4

EINECS : 204-854-7

100 gr

Assay %	98 - 103
Appearance of solution	Passes test
pH (5% ;water)	8.0 - 10.0
Matter insoluble in ethanol %	Max 2.0
Ortho compounds	Passes test



H334-H314-H318-H302

P260-P285-P303-P361-P353-P305-P351-P338-P405-P501A

2-Chloroaniline

Laboratory Reagent
C₆H₆ClN MW =127.57

Product code: 520320500

C.A.S. : 95-51-2

EINECS : 202-426-4

500 ml

Assay %	Min 98
Density	(d ₂₀ °C/4 °C)



H301-H311-H331-H373-H400-H410

P280-P273-P302-P352-P309-P310-P501

3-Chloroaniline

Laboratory Reagent
C₆H₆ClN MW =127.57

Product code: 503110500

C.A.S. : 108-42-9

EINECS : 203-581-0

500 ml

Assay %	Min 98
Density (d ₂₀ °C/4 °C)	1.215 - 1.216



H301-H311-H331-H373-H400-H410

P280-P273-P302-P352-P309-P310-P501

4-Chloroaniline

Laboratory Reagent
C₆H₆ClN MW =127.57

Product code: 503270500

C.A.S. : 106-47-8

EINECS : 203-401-0

500 gr

Assay %	Min 98
Melting point °C	69 - 72



H301-H311-H331-H373-H400-H410

P280-P273-P302-P352-P309-P310-P501

Chlorobenzene

Analytical Reagent
C₆H₅Cl MW =112.56

Product code: 203180500

C.A.S. : 108-90-7

EINECS : 203-628-5

500 ml

Assay %	Min 99.5
Density (g/ml) at 20 °C	1.105 - 1.107
Residue after evaporation %	Max 0.01



H226-H332-H411

P262-P273

Chlorobenzene

For Synthesis
C₆H₅Cl MW =112.56

Product code: 202980500

C.A.S. : 108-90-7

EINECS : 203-628-5

500 ml

Assay %	Min 99
Density (d ₂₀ °C/4 °C)	1.105 - 1.107



H226-H332-H411

P262-P273



Chloroform

Analytical Reagent
CHCl₃ MW =119.4

Product code: 220222500

C.A.S. : 67-66-3

2.5 L

EINECS : 200-663-8

Assay (by GC) %	Min 99.5
Water (KF) %	Max 0.05
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.001
Free Chlorine (Cl ₂) %	Max 0.0005
Stabiliser (Ethanol) %	~1



H351-H373-H302-H315
P260-P280-P302-P352-P321-P405-P501

Chloroform

General Purpose Reagent
CHCl₃ MW =119.4

Product code: 220372500

C.A.S. : 67-66-3

2.5 L

EINECS : 200-663-8

Assay (by GC) %	Min 99.0
Water (KF) %	Max 0.1
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.005
Stabiliser (Ethanol) %	~1



H351-H373-H302-H315
P260-P280-P302-P352-P321-P405-P501

Chloroform

For HPLC
CHCl₃ MW =119.4

Product code: 220241000

C.A.S. : 67-66-3

1 L

EINECS : 200-663-8

Assay (GC) %	Min 99.8
Non volatile matter %	Max 0.0005
Acidity (HCl) %	Max 0.002
Water %	Max 0.05
Maximum absorption a 1.0 cm cell against water,	
At 245 nm	1.00
At 260 nm	0.10
At 270 nm	0.02
At 290 nm	0.01



H351-H373-H302-H315
P260-P280-P302-P352-P321-P405-P501

Chloroform

For Spectroscopy
CHCl₃ MW =119.4

Product code: 220291000

C.A.S. : 67-66-3

1 L

EINECS : 200-663-8

Assay (GC) %	Min 99
Water %	Max 0.05
Non volatile substances %	Max 0.0005
Maximum absorption in a 1.0 cm cell against water,	
At 245 nm	1.00
At 260 nm	0.10
At 270 nm	0.02
At 290 nm	0.01



H351-H373-H302-H315
P260-P280-P302-P352-P321-P405-P501

2-Chlorophenol

For Synthesis
Cl₂C₆H₄OH MW =128.56

Product code: 520340500

C.A.S. : 95-57-8

500 ml

EINECS : 202-433-2

Assay (GC) %	Min 98
Wt.per ml at 20 °C	1.261 - 1.265 g



H302-H312-H332-H227
H401-H411-P273-P302-P352

Cholesterol

Analytical Reagent
C₂₇H₄₆O MW =386.66

Product code: 503210005/0025

C.A.S. : 57-88-5

**5 gr
25 gr**

EINECS : 200-353-2

Assay %	Min 99
Melting point °C	148 - 150

Choline chloride

Laboratory Reagent
C₅H₁₄ClNO MW =139.63

Product code: 503030100

C.A.S. : 67-48-1

100 gr

EINECS : 200-655-4

Assay (on dry material) %	98 - 100.5
Loss on drying at 110 °C %	Max 1.0
Sulfated ash %	Max 0.2
Free amine (as dimethylamine) %	Max 0.1



H315-H319-H335-H303
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Chromium metal powder

Laboratory Reagent
Cr MW =52.00

Product code: 303250500

C.A.S. : 7440-47-3

500 gr

EINECS : 231-157-5

Assay %	Min 99
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H228-H351
P210-P241-P280-P308-P313-P405-P501a



Finding
US on the
web

www.biochemopharma.fr

Chromium (III) chloride hexahydrate Laboratory Reagent
 $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$ MW =266.45

Product code: 302780500

C.A.S. : 10060-12-5 500 gr

EINECS : 233-038-3

Assay %	Min 93
pH (5% water)	2.0 - 3.0
Sulfate (SO_4) %	Max 0.05
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.01
Lead (Pb) %	Max 0.005
Substances not precipitated by ammonia solution (as SO_4) %	Max 0.2



H334-H314-H302-H317
P260-P285-P303-P361-P353-P305-P351-P338-P405-P501

Chromium (IV) oxide Laboratory Reagent
 CrO_3 MW =99.99

Product code: 303530500

C.A.S. : 1333-82-0 500 gr

EINECS : 215-607-8

Assay (iodometric) %	Min 98
Chloride (Cl) %	Max 0.1
Sulfate (SO_4) %	Max 0.06
Iron (Fe) %	Max 0.01
Potassium (K) %	Max 0.1
Sodium (Na) %	Max 0.05



271-H301-H310-H330-H317-H334-H340-H350-H372-H361-H314-H318-H400-H410
P221-P283-P301-P310-P303-P361-P353-P304-P340-P305-P351-P338-P320-P330
P361-P405-P501A

Chromium (III) nitrate nonahydrate Laboratory Reagent
 $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ MW =400.1

Product code: 308150500

C.A.S. : 7789-02-8 500 gr

EINECS : 236-921-1

Assay %	Min 97
Chloride (Cl) %	Max 0.01
Sulfate (SO_4) %	Max 0.05
Iron (Fe) %	Max 0.05
Copper (Cu) %	Max 0.005
Ammonium (NH_4) %	Max 0.01



H272-H332-H319
P210-P220-P221-P261-P305-P351-P338-P501

Chromotropic acid disodium salt dihydrate Analytical Reagent
 $\text{C}_{10}\text{H}_6\text{Na}_2\text{O}_8\text{S}_2 \cdot 2\text{H}_2\text{O}$ MW =400.29

Product code: 125060010

C.A.S. : 5808-22-0 10 gr

EINECS : 204-972-9

Assay %	Min 98.5
Water (Karl Fischer) %	8.5 - 9.5
Sulfated ash %	35 - 36
Sulfate (SO_4) %	Max 0.002



H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Chromium (III) oxide green Laboratory Reagent
 Cr_2O_3 MW =151.99

Product code: 303340500

C.A.S. : 1308-38-9 500 gr

EINECS : 215-160-9

Substances soluble in water %	Max 0.3
Chloride (Cl) %	Max 0.01
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.02
Loss on ignition (at 950 °C) %	Max 1



H302-H332-H317
P261-P280-P304-P340-P301-P312-P312-P501A

Cinnamaldehyde For Synthesis
 $\text{C}_9\text{H}_8\text{O}$ MW =132.16

Product code: 303520500

C.A.S. : 104-55-2 500 ml

EINECS : 203-213-9

Assay %	Min 98
Density (d ₂₀ °C/4 °C)	1.040 - 1.050



H315-H319-H317-H303-H313
P280G-P262-P305-P351-P338

Cinnamic acid For Synthesis
 $\text{C}_9\text{H}_8\text{O}_2$ MW =148.16

Product code: 101370250

C.A.S. : 140-10-3 250 gr

EINECS : 205-398-1

Assay (acidimetric) %	Min 99
Melting point °C	132 - 136



H319
P305-P351-P338

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Citric acid anhydrous

Analytical Reagent
 $C_6H_8O_7$ MW =192.12

Product code: 103110500

C.A.S. : 77-92-9

500 gr

EINECS : 201-069-1

Assay (acidimetric) %	99.5 - 100.5
Chloride (Cl) %	Max 0.001
Insoluble matter in water %	Max 0.005
Iron (Fe) %	Max 0.0003
Sulfate (SO_4) %	Max 0.005
Phosphate (PO_4) %	Max 0.001
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0001
Mercury (Hg) %	Max 0.0001
Lead (Pb) %	Max 0.0002
Sulfated ash (at 600 °C) %	Max 0.02
Water (KF) %	Max 0.5



H318-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Citric acid monohydrate

Laboratory Reagent
 $C_6H_8O_7 \cdot H_2O$ MW =210.14

Product code: 103080500

C.A.S. : 5949-29-1

500 gr

EINECS : 201-069-1

Assay (acidimetric) %	Min 99
Insoluble matter in water %	Max 0.01
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Oxalate (C_2O_4) %	Max 0.035
Heavy metals (as Pb) %	Max 0.001
Lead (Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Zinc (Zn) %	Max 0.001
Arsenic (As) %	Max 0.0001
Calcium (Ca) %	Max 0.02
Barium (Ba) %	Max 0.002
Water %	7.5 - 8.8
Sulfated ash (at 600 °C) %	Max 0.05



H318-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Citric acid anhydrous

Laboratory Reagent
 $C_6H_8O_7$ MW =192.12

Product code: 103030500

C.A.S. : 77-92-9

500 gr

EINECS : 201-069-1

Assay %	Min 99.5
Water (KF) %	Max 0.5
Sulfated ash %	Max 0.05
Iron (Fe) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.015



H318-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Cobalt (II) acetate tetrahydrate

Laboratory Reagent
 $C_4H_6CoO_4 \cdot 4H_2O$ MW =249.08

Product code: 302580250

C.A.S. : 6147-53-1

250 gr

EINECS : 200-755-8

Assay (by complexometry) %	Min 98.5
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Lead (Pb) %	Max 0.001
Nickel (Ni) %	Max 0.1
Iron (Fe) %	Max 0.01



H334-H350i-H360F-H400-H410-H317
P201-P273-P308-P313-P501a

Citric acid monohydrate

Analytical Reagent
 $C_6H_8O_7 \cdot H_2O$ MW =210.14

Product code: 103090500

C.A.S. : 5949-29-1

500 gr

EINECS : 201-069-1

Assay (by NaOH titration) %	99.5-102
Residue on ignition (at 800 °C) %	Max 0.02
Insoluble matter (C=13.2%, H_2O) %	Max 0.005
Chloride (Cl) %	Max 0.001
Lead (Pb) %	Max 0.0002
Iron (Fe) %	Max 0.0003
Sulfate (SO_4) %	Max 0.002
Phosphate (PO_4) %	Max 0.001



H318-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Cobalt (II) carbonate basic

Laboratory Reagent
 $CoCO_3$ MW =118.94

Product code: 302700100

C.A.S. : 534-16-7

100 gr

EINECS : 208-169-4

Cobalt (Co) %	45 - 50
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.05
Ammonium (NH_4) %	Max 0.1
Iron (Fe) %	Max 0.1
Nickel (Ni) %	Max 0.5



H334-H350-H360-H341-H400-H410-H317
P261-P285-P302-P352-P321-P405-P501

Cobalt (II) chloride hexahydrate Analytical ReagentCoCl₂·6H₂O MW =237.93**Product code:** 303090100**C.A.S. :** 7791-13-1**100 gr****EINECS :** 231-589-4

Assay %	98 - 102
Insoluble matter %	Max 0.01
Nitrate (NO ₃) %	Max 0.01
Sulfate (SO ₄) %	Max 0.1
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.002
Iron (Fe) %	Max 0.005
Magnesium (Mg) %	Max 0.005
Nickel (Ni) %	Max 0.01
Potassium (K) %	Max 0.01
Sodium (Na) %	Max 0.05
Zinc (Zn) %	Max 0.03

H334-H350-H360-H341-H400-H410-H302-H317
P273-P201-P308-P313-P501**Colchicine**

Laboratory Reagent

C₂₂H₂₅NO₆ MW =399.45**Product code:** 503220001**C.A.S. :** 64-86-8**1 gr****EINECS :** 200-598-5

Assay %	Min 98.5
Water (KF) %	Max 1

H300-H340
P201-P301-P310-P308-P313**Collodion 4% solution**

Laboratory Reagent

Product code: 167630500**500 ml**

Assay w/w %	5 - 5.5
Ethanol (G.C.) (v/v) %	22 - 26
Density	0.765 - 0.775

H224-H302-H336
P210-P261**Cobalt (II) nitrate hexahydrate** Analytical Reagent

Analytical Reagent

Co(NO₃)₂·6H₂O MW =291.03**Product code:** 315140100**C.A.S. :** 10026-22-9**100 gr****EINECS :** 233-402-1

Assay %	Min 99
Insoluble matter %	Max 0.005
Reaction	pH 2.5
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Ammonium (NH ₄) %	Max 0.05
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.002
Manganese (Mn) %	Max 0.002
Nickel (Ni) %	Max 0.01
Potassium (K) %	Max 0.003
Sodium (Na) %	Max 0.05
Zinc (Zn) %	Max 0.005

H272-H334-H350-H360-H341-H400-H410-H317
P210-P221-P285-P302-P352-P405-P501**Columbia blood agar base**

For Microbiology

Product code: DM2470500**500 gr**

Peptone, special	23.000 G/L
Corn starch	1.000 G/L
Sodium chloride	5.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.3 ± 0.2 G/L
pH rang	7.10 - 7.50
Reaction	reaction of 4.4% w/v aqueous solution at 25°C pH 7.3 ± 0.2

Conductivity Standard 147 µS/cm Laboratory Reagent**Product code:** 167650500**500 ml**

Tolerance %	+/- 1
Appearance	Clear solution

Conductivity Standard 1413 µS/cm Laboratory Reagent**Product code:** 167660500**500 ml**

Tolerance %	+/- 1
Appearance	Clear solution

Conductivity Standard 12880 µS/cm Laboratory Reagent**Product code:** 167670500**500 ml**

Tolerance %	+/- 1
Appearance	Clear solution

Cobalt (II) sulfate heptahydrate Laboratory Reagent

Laboratory Reagent

CoSO₄·7H₂O MW =281.10**Product code:** 315220100**C.A.S. :** 10026-24-1**100 gr****EINECS :** 233-334-2

Assay (by complexometry) %	97 - 102
Chloride (Cl) %	Max 0.02
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.005

H334-H350-H360-H341-H400-H410-H302-H317
P201-P273-P308-P313-P501

Congo red C.I.22120For Microscopy
C₃₂H₂₂N₆Na₂O₆S₂ MW =696.67**Product code:** 403050100**C.A.S. :** 573-58-0**100 gr****EINECS :** 209-358-4

Appearance	Brownish red powder
Description	Brownish red powder
Appearance of solution (1.0 g/l; water)	clear to almost slightly , red turbid solution
Transition range at	pH 3.0 to pH 5.2 Violet to orange red
Loss on drying at 110°C %	Max 5.0

H350-H361
P201-P202-P281-P308-P313-P405-P501**Coomassie brilliant blue G 250**For Electrophoresis
C₄₇H₄₈N₃NaO₆S₂ MW =854.04**Product code:** 403110005/0025**C.A.S. :** 6104-58-1**5 gr**
25 gr**EINECS :** 228-058-4

Loss on drying %	Max 8
Identity (UV/VIS-Spectrum)	Passes test
Absorption maxima λ.Max (buffer pH 7.0)	577 - 584
Spec. Absorptivity A 1% 1cm (λ.max; 0.01%; buffer pH 7.0)	520 - 570
TLC test	Passes test
Suitability for Electrophoresis	Passes test

Coomassie brilliant blue R 250For Electrophoresis
C₄₅H₄₄N₃NaO₆S₂ MW =825.99**Product code:** 403120005/0025**C.A.S. :** 6104-59-2**5 gr**
25 gr**EINECS :** 228-060-5

Identity (UV/VIS Spectrum)	Passes test
Absorption maxima λ. max (buffer pH 7.0)	554 - 563
Spec. Absorptivity A1% 1cm (λ.max; 0.025%; buffer pH 7.0)	Min 300
Loss on drying %	Max 5
Suitability for electrophoresis	Passes test

H311-H331-H370-H226
P210-P260-P303-P361-P353-P361-P405-P501A**Copper (II) acetate monohydrate**Analytical Reagent
(CH₃COO)₂Cu.H₂O MW=199.65**Product code:** 302620250**C.A.S. :** 6046-93-1**250 gr****EINECS :** 205-553-3

Assay (by iodometry) %	Min 99
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Total Nitrogen (N) %	Max 0.01
Lead (Pb) %	Max 0.004
Nickel (Ni) %	Max 0.002
Iron (Fe) %	Max 0.002
Zinc (Zn) %	Max 0.002
Calcium (Ca) %	Max 0.005
Sodium (Na) %	Max 0.01
Potassium (K) %	Max 0.01

H400-H410-H302-H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A**Copper (II) acetate monohydrate**Laboratory Reagent
(CH₃COO)₂Cu.H₂O MW=199.65**Product code:** 302860250**C.A.S. :** 6046-93-1**250 gr****EINECS :** 205-553-3

Assay %	Min 98
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.03
Alkalis (Sulfated) %	Max 0.3
Iron (Fe) %	Max 0.02

H400-H410-H302-H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A**Copper(II) chloride anhydrous**Analytical Reagent
CuCl₂ MW =134.45**Product code:** 303210500**C.A.S. :** 7447-39-4**500 gr****EINECS :** 231-210-2

Assay (iodometry) %	Min 98.0
Substances insoluble in ethanol %	Max 0.5
Loss on drying at 250°C for 2hr %	Max 5.0

H301-H314-H318-H400-H410
P260-P301-P310-P303-P361-P353-P305-P351-P338-P405-P501A**Copper (II) chloride dihydrate**Laboratory Reagent
CuCl₂.2H₂O MW =170.48**Product code:** 303440500**C.A.S. :** 10125-13-0**500 gr****EINECS :** 231-210-2

Assay (iodometric) %	Min 98
Sulfate (So ₄) %	Max 0.02
Arsenic (As) %	Max 0.0008
Iron (Fe) %	Max 0.005
Substances not precipitated by H ₂ S (as SO ₄)	Max 0.5
Loss on drying (at 105 °C) %	20.9 - 21.4

H314-H400-H410-H302
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501**Copper (II) nitrate trihydrate**Laboratory Reagent
Cu(NO₃)₂.3H₂O MW =241.60**Product code:** 303450250**C.A.S. :** 10031-43-3**250 gr**

Assay (ex Cu) %	95 - 103
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.02
Iron (Fe) %	Max 0.02

H272-H314-H318-H302
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Copper (II) oxide powder Laboratory Reagent
CuO MW=79.55

Product code: 303220100
C.A.S. : 1317-38-0 **100 gr**
EINECS : 215-269-1

Assay % Min 97
 Chloride (Cl) % Max 0.1
 Sulfate (SO₄) % Max 0.06
 Iron (Fe) % Max 0.01



H301-H330-H373-400-H410
 P260-P301-P310-P304-P340-P320-P330-405-P501

Copper (II) sulfate pentahydrate Laboratory Reagent
CuSO4.5H2O MW=249.68

Product code: 302890500
C.A.S. : 7758-99-8 **500 gr**
EINECS : 231-847-6

Assay % 98.5 - 101
 Chloride (Cl) % Max 0.005
 Iron (Fe) % Max 0.05
 Potassium (K) % Max 0.005
 Sodium (Na) % Max 0.01



H400-H410-H302-H315-H319
 P260-P273-P501

Copper powder Laboratory Reagent
Cu MW=63.55

Product code: 303000500
C.A.S. : 7440-50-8 **500 gr**
EINECS : 231-159-6

Assay (iodometric) % Min 99.5
 Lead (Pb) % Max 0.05
 Iron (Fe) % Max 0.005
 Arsenic (As) % Max 0.0002
 Substances insoluble in HNO₃ % Max 0.05
 Antimony (Sb) % Max 0.005
 Manganese (Mn) % Max 0.005
 Silver (Ag) % Max 0.005
 Tin (Sn) % Max 0.005



H228-H319-H335
 P210-P241-P261-P305-P351-P338-P405-P501

Creatine monohydrate Laboratory Reagent
C4H9N3O2.H2O MW =149.15

Product code: 503050025
C.A.S. : 6020-87-7 **25 gr**
EINECS : 200-306-6

Assay % Min 99
 Sulfated ash % Max 0.05



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Copper (II) sulfate anhydrous Laboratory Reagent
CuSO4 MW=159.60

Product code: 302880500
C.A.S. : 7758-98-7 **500 gr**
EINECS : 231-847-6

Assay (iodometric on dried substances) % 99 - 101
 Chloride (Cl) % Max 0.015
 Nitrate (NO₃) % Max 0.05
 Iron (Fe) % Max 0.015
 Lead (Pb) % Max 0.005
 Zinc (Zn) % Max 0.02
 Substances not precipitable with H₂SO₄ % Max 0.3
 Loss on drying (250°C) % Max 1.0



H400-H410-H302-H315-H319
 P280-P273-P305-P351-P338-P362-P301-P312-P501A

Creatinine Analytical Reagent
C4H7N3O MW =113.12

Product code: 503000025
C.A.S. : 60-27-5 **25 gr**
EINECS : 200-466-7

Assay % Min 99
 Heavy metals (Pb) % Max 0.002
 Chloride (Cl) % Max 0.2
 pH (5% in water) 7.0 - 9.0
 Specific absorptivity A1%,1cm, (234 nm,0.001%buffer pH 7.0) 620 - 640
 Creatine % Max 0.2

Cresol red Analytical Reagent
C21H18O5S MW =382.44

Product code: 403270005/0025
C.A.S. : 1733-12-6 **5 gr**
EINECS : 217-064-2 **25 gr**

Acid range pH 0.2 - 1.8 Red tyellow
 Alkaline range pH 7 - 8.8 Yellopurple
 Loss on drying (at 110 °C) % Max 5

m-Cresol Laboratory Reagent
C7H8O MW =108.14

Product code: 403230500
C.A.S. : 108-39-4 **500 ml**
EINECS : 203-577-9

Assay % Min 98
 Density (d 20° /4°) 1.033 - 1.034
 Melting point °C 11



H301-H311-H314
 P280-P303-P361-P353-P305-P351-P338-P310



o-Cresol Laboratory Reagent
 C_7H_8O MW =108.14

Product code: 403240500
C.A.S. : 95-48-7 **500 ml**
EINECS : 202-423-8

Assay % Min 98
 Density (d₂₀[°]/4 °C) 1.045 - 1.046
 Melting point °C 29 - 33



H301-H311-H314
 P280-P303-P361-P353-P305-P351-P338-P310

p-Cresol Laboratory Reagent
 C_7H_8O MW =108.14

Product code: 314290500
C.A.S. : 106-44-5 **500 ml**
EINECS : 203-398-6

Assay % Min 98
 Melting range °C 31 - 34



H301-H311-H314
 P280-P303-P361-P353-P305-P351-P338-P310

o-Cresolphthalein complexone Laboratory Reagent
 $C_{32}H_{32}N_2O_{12}$ MW =636.61

Product code: 116120001
C.A.S. : 2411-89-4 **1 gr**
EINECS : 219-318-8

Absorption maxima (NaOH 0.1mol/L) 577 - 580 nm
 Absorptivity (Absorption maxima 0.005g/l NaOH solution 0.1 mol) Min 750
 Water (by KF) % Max 10
 Sulfated ash % Max 1
 Suitability as indicator Passes test

o-Cresolphthalein Laboratory Reagent
 $C_{22}H_{18}O_4$ MW =346.39

Product code: 116220005
C.A.S. : 596-27-0 **5 gr**
EINECS : 209-881-8

pH 8.2-9.8 Colourless to violet red
 Absorption maxima (at pH 11.3) 565 - 569 nm
 Specific Absorptivity (at absorption maxima) Min 1500
 Insoluble matter in ethanol Passes test
 Loss on drying (at 135 °C) % Max 0.5
 Sulfated ash % Max 0.5

Crotonaldehyde For Synthesis
 C_5H_8O MW =70.09

Product code: 403190500
C.A.S. : 123-73-9 **500 ml**
EINECS : 224-030-0

Assay (GC) % Min 99
 Density (d₂₀[°]/4 °C) 0.851 - 0.853



H225-H301-H311-H330-H315-H335-H341-H373-H400
 P210-P280-P304-P340-P309-P310-P302-P352

Crotonic acid Laboratory Reagent
 $C_5H_8O_2$ MW =86.09

Product code: 103010250
C.A.S. : 107-93-7 **250 gr**
EINECS : 203-533-96

Assay (T) % Min 97
 Melting point °C 70 - 73



H311-H314-H302
 P260-P303-P361-P353-P305-P351-P338-P361-P405-P501

Crystal violet C.I. 42555 For Microscopy
 $C_{25}H_{30}ClN_3$ MW =407.99

Product code: 403220025/0100
C.A.S. : 548-62-9 **25 gr**
EINECS : 208-953-6 **100 gr**

Absorption maxima 589 - 594 nm
 Dye content % Min 88
 Specific absorptivity 2050 - 2450
 Loss on drying % Max 10



H301-H318-H351-H400-H410
 P280-P301-P310-P305-P351-P338-P321-P405-P501

Crystal violet lactose agar For Microbiology

Product code: DM2160500 **500 gr**

Proteose peptone 5.00 G/L
 Beef extract 3.00 G/L
 Lactose 10.00 G/L
 Crystal violet 0.0033 G/L
 Agar 15.00 G/L
 Final pH (at 25 °C) 6.8 ± 0.2

Curcumin crystalline Laboratory Reagent
 $C_{21}H_{20}O_6$ MW =368.39

Product code: 403210005
C.A.S. : 458-37-7 **5 gr**
EINECS : 207-280-5

Assay (acidimetric) % Min 99
 Melting point °C 170 - 180



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Cyclohexane Analytical Reagent
 C_6H_{12} MW =84.16

Product code: 201042500
C.A.S. : 110-82-7 **2.5 L**
EINECS : 203-806-2

Assay % Min 99
 Water (KF) % Max 0.02
 Acidity (meq/g) (meq/g) Max 0.0005
 Residue on Evaporation % Max 0.001
 Aromatic compounds % Max 0.05



H304-H400-H410-H315-H336
 P261-P301-P310-P302-P352-P321-P405

Cyclohexane

For Synthesis
 C_6H_{12} MW =84.16

Product code: 200662500

C.A.S. : 110-82-7

2.5 L

EINECS : 203-806-2

Assay (by GC) %	Min 98.0
Water %	Max 0.1
Residue on Evaporation %	Max 0.005
Acidity (meq/g) (meq/g)	Max 0.0005



H304-H400-H410-H315-H336
P261-P301-P310-P302-P352-P321-P405

Cyclohexanol

Analytical Reagent
 $C_6H_{12}O$ MW=100.16

Product code: 203120500

C.A.S. : 108-93-0

500 ml

EINECS : 203-630-6

Assay %	Min 99.5
Wt. per ml at 20 °C %	About 0.95
Freezing point	20 - 22 °C
Refractive index (n ₂₀ °C/D)	1.465 - 1.467
Cyclohexanone %	Max 0.5



H332-H315-H335-H227-H303
P210-P261-P280-P304-P340-P405-P501A

Cyclohexanone

Analytical Reagent
 $C_6H_{10}O$ MW =98.15

Product code: 203000500

C.A.S. : 108-94-1

500 ml

EINECS : 203-631-1

Assay %	Min 99.5
Refractive index	1.450 - 1.451
Wt. per ml at 20 °C	0.945 - 0.947 g/ml
Water %	Max 0.2
Non volatile matter %	Max 0.02
Acidity (CH ₃ COOH) %	Max 0.001
Cyclohexane (C ₆ H ₁₂) %	Max 0.001
Cyclohexanol (C ₆ H ₁₂ O) %	Max 0.2
Copper (Cu) %	Max 0.00005
Iron (Fe) %	Max 0.0001
Lead (Pb) %	Max 0.00005



H226-H332
P210-P261-P280-P303-P361-P353-P403-P235-P501A

Cyclohexene

For Synthesis
 C_6H_{10} MW =82.15

Product code: 203260500

C.A.S. : 110-83-8

500 ml

EINECS : 203-807-8

Assay (GC, area) %	Min 98
Density (d ₂₀ °C/4 °C)	0.810 - 0.811
Identity	Conforms



H225-H301-H304
P210-P280-P301-P310-P303-P361-P353-P405-P501A

L-Cysteine

For Biochemistry
 $C_3H_7NO_2S$ MW=121.16

Product code: 203030005/0025

C.A.S. : 52-90-4

**5 gr
25 gr**

EINECS : 200-158-2

Assay %	Min 99
Specific rotation	8.0° - 9.0°
UV absorption	Max 0.5
Loss on drying (at 105 °C;3 hrs.)	Max 0.3
Chloride (Cl) %	Max 0.002
Sulfate (SO ₄) %	Max 0.01
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids other ninhydrin positive substances (as glycine) %	Max 0.1



H302
P264-P270-P301-P312-P330-P501

L-Cysteine hydrochloride monohydrate

For Biochemistry
MW=175.64 $C_3H_7ClNO_2S.H_2O$

Product code: 203020005/0025

C.A.S. : 7048-04-6

**5 gr
25 gr**

EINECS : 200-157-7

Assay %	Min 99
Specific rotation UV absorption (280 nm,1 mol/l,1cm,water)	Max 0.1
Specific Rotation	+5.5° to +7.0°
Sulfate (SO ₄) %	Max 0.01
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other Ninhydrin-positive substances (as Glycine) %	Max 0.1
Water %	9 - 11.5



H315-H319-H335
P261-P305-P351-P351-P338-P302-P352-P321-P405-P501

Cytidine

For Biochemistry
 $C_9H_{13}N_3O_5$ MW =243.22

Product code: 203200001/0005

C.A.S. : 65-46-3

**1 gr
5 gr**

EINECS : 200-610-9

Assay %	Min 99
Melting point °C	210 220
Ash %	Max 0.05



Finding
US on the web

www.biochemopharma.fr

n-Decane

For Synthesis
 $C_{10}H_{22}$ MW =142.28

Product code: 504560100

C.A.S. : 124-18-5

100 ml

EINECS : 204-686-4

Assay (by GC) %

Min 99.0

Density

0.728-0.732 (d₂₀^oC/4^oC)

Identity (IR)

Passes test



H304-H226

P210-P280-P301-P310-P303-P361-P353-P405-P501A

1-Decanol

Laboratory Reagent
 $C_{10}H_{22}O$ MW =158.29

Product code: 520240500

C.A.S. : 112-30-1

500 ml

EINECS : 203-956-9

Assay (GC) %

Min 99

Density (d₂₀^oC/4^oC)

0.829 - 0.830



H332-H315-H319-H227-H303-H313-H401-H411

P280H-P273-P305-P351-P338

Dextrin white

Laboratory Reagent
 $(C_6H_{12}O_5)_n.XH_2O$

Product code: 504140500

C.A.S. : 9004-53-9

500 gr

EINECS : 232-675-4

Loss on drying (at 110 °C) %

Max 5

Sulfated ash %

Max 0.02

Reducing sugar (as dextrose) %

Max 0.4

Dextrose tryptone agar

For Microbiology

Product code: DM2510500

500 gr

Casein enzymic hydrolysate

10.000 G/L

Dextrose

5.00 G/L

Bromocresol purple

0.040

Agar

15.00 G/L

Final pH (at 25 °C)

6.7±0.2

Diacetyl monoxime

Analytical Reagent
 $C_4H_7NO_2$ MW =101.11

Product code: 204010100

C.A.S. : 57-71-6

100 gr

EINECS : 200-348-5

Assay %

Min 99

Melting point °C

74 - 76

Sulfated ash %

Max 0.025

1,2-Dichlorobenzene

Analytical Reagent
 $C_6H_4Cl_2$ MW=147.00

Product code: 204340500

C.A.S. : 95-50-1

500 gr

EINECS : 202-425-9

Assay %

Min 99

Density (d₂₀^oC/4^oC)

1.305 - 1.307

Refractive index n_D²⁰

1.5510 - 1.5520

Water (KF) %

Max 0.01

Sulfated ash %

Max 0.001

Free acid (as HCl) %

Max 0.001

Heavy metals (as Pb) %

Max 0.0001

Chloride (Cl) %

Max 0.0001

Iron (Fe) %

Max 0.0001



H400-H410-H302-H315-H319-H335-H227

P210-P305-P351-P338-P302-P352-P321-P405-P501A

1,4-Dichlorobenzene

For Synthesis
 $C_6H_4Cl_2$ MW =147.00

Product code: 204170500

C.A.S. : 106-46-7

500 gr

EINECS : 203-400-5

Assay %

Min 99

Melting point

52 - 56 °C



H351-H400-H410-H302-H332-H319

P261-P280-P281-P305-P351-P338-P405-P501A

1,2-Dichloroethane

Analytical Reagent
 $C_2H_4Cl_2$ MW =98.96

Product code: 300190500/2500

C.A.S. : 107-06-2

**500 ml
2.5 L**

EINECS : 203-458-1

Assay %

Min 99

Wt. per ml at 20 °C

1.252 - 1.254 g

Refractive index

1.443 - 1.445

Water %

Max 0.03

Non volatile matter %

Max 0.002

Free chlorine (Cl) %

Max 0.0001

Copper (Cu) %

Max 0.0001

Iron (Fe) %

Max 0.0001

Lead (Pb) %

Max 0.0001

Substances reducing permanganate (O) %

Max 0.0001



H225-H350-H302-H315-H319-H335

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A



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1,2-Dichloroethane

For Synthesis
 $C_2H_4Cl_2$ MW=98.96

Product code: 300222500

C.A.S. : 107-06-2

2.5 L

EINECS : 203-458-1

Assay %	Min 98
Wt. per ml at 20 °C	1.251 - 1.254 g
Non volatile matter %	Max 0.01
Free chlorine %	Max 0.002
Reducing substances to $KMnO_4$ %	Max 0.01



H225-H350-H302-H315-H319-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Dichloromethane

Analytical Reagent
 CH_2Cl_2 MW=84.93

Product code: 204232500

C.A.S. : 75-09-2

2.5 L

EINECS : 200-838-9

Assay (by GC) %	Min 99.8
Water (KF) %	Max 0.02
Residue on Evaporation %	Max 0.001
Acidity (meq/g) (meq/g)	Max 0.0005
Free Chlorine (Cl_2) %	Max. 0.0002
Stabiliser (Amylene) (ppm)	~50



H351
P281-P201-P202-P308-P313-P405-P501A

Dichloromethane

For HPLC & Spectroscopy
 CH_2Cl_2 MW=84.93

Product code: 204181000

C.A.S. : 75-09-2

1 L

EINECS : 200-838-9

Assay (GC) %	Min 99.8
Non volatile matter %	Max 0.0005
Acidity (HCl)	Max 0.005
Water %	Max 0.01
Min transmission:	
At 235 nm %	10
At 240 nm %	50
At 245 nm %	80
At 248 nm %	90
From 255 nm %	98



H351
P281-P201-P202-P308-P313-P405-P501A

Diethanolamine

Analytical Reagent
 $C_4H_{11}NO_2$ MW =105.14

Product code: 204130500

C.A.S. : 111-42-2

500 ml

EINECS : 203-868-0

Assay (GC) %	Min 99
Apparent equivalent weight	104 - 106
Freezing point	27 - 28 °C
APHA color	Max 15
Residue on ignition (as SO_4) %	Max 0.002
Ethanolamine (GC) %	Max 0.3
Triethanolamine (GC) %	Max 0.3
Chloride (Cl) %	Max 0.001
Water %	Max 0.15
Heavy metals (as Pb) %	Max 0.0001
Iron (Fe) %	Max 0.0001



H318-H315-H373-H302
P260-P280-P305-P351-P338-P310-P362-P501A

Diethanolamine

For Synthesis
 $C_4H_{11}NO_2$ MW =105.14

Product code: 204260500

C.A.S. : 111-42-2

500 ml

EINECS : 203-868-0

Assay (acidimetric) %	Min 98.0
Colour (APHA)	Max 30
Wt. per ml at 20 °C	1.096 - 1.100g
Refractive index n_D^{20}	1.476 - 1.477
Freezing point °C	25 - 28
Water (KF) %	Max 0.5



H318-H315-H373-H302
P260-P280-P305-P351-P338-P310-P362-P501A

Diethylamine

Analytical Reagent
 $(C_2H_5)_2NH$ MW =73.14

Product code: 204040500

C.A.S. : 109-89-7

500 ml

EINECS : 203-716-3

Assay %	Min 99.5
Residue on evaporation %	Max 0.001
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.00001
Cobalt (Co) %	Max 0.00001
Nickel (Ni) %	Max 0.00001
Copper (Cu) %	Max 0.00001
Cadmium (Cd) %	Max 0.00001
Zinc (Zn) %	Max 0.0001
Chromium (Cr) %	Max 0.00001
Manganese (Mn) %	Max 0.00001



H225-H314-H302-H312-H332
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501



Diethylene glycol

Analytical Reagent
 $O(CH_2CH_2OH)_2$ MW=106.12

Product code: 204270500/2500

C.A.S. : 111-46-6

EINECS : 203-872-2

	500 ml
	2.5 L
Assay %	Min 99
Wt.per ml at 20 °C	1.115 - 1.117 g
Refractive index	1.446 - 1.447
Water %	Max 0.2
Sulfated ash %	Max 0.01
Copper (Cu) %	Max 0.00005
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.00005



H351
P281-P201-P202-P308-P313-P405-P501A

Diisopropyl ether

Analytical Reagent
 $C_6H_{14}O$ MW =102.18

Product code: 209100500

C.A.S. : 108-20-3

EINECS : 203-560-6

	500 ml
Assay (GC) %	Min 99
Density (d ₂₀ ^{°C} /°C)	0.720 - 0.723
APHA color	Max 25
Titrate acid	Max 0.0005 meq/g
Alkalinity	Max 0.0002 meq/g
Aluminium (Al) %	Max 0.00005
Barium (B) %	Max 0.00001
Boron (B) %	Max 0.000005
Cadmium (Cd) %	Max 0.000005
Chromium (Cr) %	Max 0.000002
Cobalt (Co) %	Max 0.000002
Copper (Cu) %	Max 0.000002
Iron (Fe) %	Max 0.00001
Magnesium (Mg) %	Max 0.00001
Manganese (Mn) %	Max 0.000002
Nickel (Ni) %	Max 0.000002
Tin (Sn) %	Max 0.00001
Peroxide (as H ₂ O ₂) %	Max 0.005
Non volatile substances %	Max 0.005
Water %	Max 0.05



H225-H330-H336
P210-P303-P361-P353-P304-P340-P320-P405-P501A

N,N-Dimethylacetamide

Analytical Reagent
 C_4H_9NO MW =87.12

Product code: 204110500

C.A.S. : 127-19-5

EINECS : 204-826-4

	500 ml
Assay %	Min 99.5
Wt per ml at 20 °C	0.940 - 0.942 g
Refractive index n ₂₀ ^{°D}	1.4375 - 1.4385
Water %	Max 0.05
Acidity (CH ₃ COOH) %	Max 0.12
Non volatile matter %	Max 0.01
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.001
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.0001



H360D-H312-H332
P261-P280-P281-P302-P352-P405-P501

Dimethylamine solution 40%

For Synthesis
 $(CH_3)_2NH$ MW =45.09

Product code: 204220500/2500

C.A.S. : 124-40-3

EINECS : 204-697-4

	500 ml
	2.5 L
Assay (acidimetric) %	Min 40
Density (d ₂₀ ^{°C} /4 °C)	0.885 - 0.895



H225-H331-H302-H335-H314-H318
P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

N,N-Dimethylaniline

For Synthesis
 $C_8H_{11}N$ MW = 121.18

Product code: 204520500

C.A.S. : 121-69-7

EINECS : 204-493-5

	500 ml
Assay (GC) %	Min 99
Wt. per ml at 20 °C	0.954 - 0.958 g/ml
Aniline and methylaniline %	Max 1



H301-H311-H331-H226-H351-H411
P280-P273-P302-P352-P309-P310

Dimidium bromide

For Synthesis
 $C_{20}H_{18}N_3Br$ MW =380.30

Product code: 504260001

C.A.S. : 518-67-2

EINECS : 208-256-7

	1 gr
Assay (HClO ₄ Titration) %	Min 98
Extinction maximum (in Methanol)	523 - 528 nm
Absorptivity(A1%/1cm,λ max in Methanol)	155 - 175
Loss on drying (at 110 °C) %	Max 5



H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

1,4-Dioxane

Analytical Reagent
 $C_6H_{10}O_2$ MW=88.11

Product code: 504390500

C.A.S. : 123-91-1

EINECS : 204-661-8

	500 ml
Assay %	Min 99.5
Wt.per ml at 20 °C	1.032 - 1.034 g
APHA Color	Max 10
Freezing point °C	Min 11
Refractive index	1.421 - 1.423
Water %	Max 0.05
Acidity (CH ₃ COOH) %	Max 0.02
Non volatile matter %	Max 0.01
Acetal [CH ₃ CH(OC ₂ H ₅) ₂]	Max 0.8
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.0001
Lead (Pb) %	Max 0.0001



H225-H351-H319-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501

1,4-Dioxane

For Synthesis
 $C_6H_{10}O_2$ MW=88.11

Product code: 504271000/2500

C.A.S. : 123-91-1

EINECS : 204-661-8

1 L
2.5 L

Assay % Min 99
Wt.per ml at 20 °C 1.030 - 1.035 g
Water % Max 0.1
Free acid (CH_3COOH) % Max 0.01
Peroxide (as H_2O_2) % Max 0.005



H225-H351-H319-H335

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501

1,3-Dioxolane

Analytical Reagent
 $C_3H_6O_2$ MW =74.06

Product code: 504080500

C.A.S. : 646-06-0

EINECS : 211-463-5

500ml

Assay (GC, area) % Min 99
Density (n_D^{20} /4 °C) 1.064 - 1.066
Water (KF) % Max 0.3
Identity (IR) Passes test



H225-H303-H333

P210-P280-P240-P303-P361-P353-P403-P235-P501A

1,4-Dithiothreitol (D.T.T)

Laboratory Reagent
 $C_4H_{10}O_2S_2$ MW =154.24

Product code: 321030001

C.A.S. : 3483-12-3

EINECS : 222-468-7

1 gr

Assay % Min 99
Iron (Fe) % Max 0.0005
Heavy metals (Pb) % Max 0.001
Melting point °C 40 - 41



H302-H315-H319-H335

P261-P305-P351-P351-P338-P302-P352-P321-P405-P501

L-Dopa

For Biochemistry
 $C_9H_{11}NO_4$ MW =197.19

Product code: 319760005

C.A.S. : 59-92-7

EINECS : 200-445-2

5 gr

Assay % Min 99.0
Melting range °C 276-278
Optical Rotation -13.5 to -12°



H302

P264-P270-P301-P312-P330-P501

Dulcitol

For Microbiology
 $C_6H_{14}O_6$ MW =182.17

Product code: 504400025

C.A.S. : 608-66-2

EINECS : 210-165-2

25 gr

Melting range °C 185 - 188
Heavy metals (as Pb) % Max 0.001
Water % Max 0.5

Finding
US on the web

www.biochemopharma.fr

Egg albumine powder	Laboratory Reagent	
Product code: 505180500		
C.A.S. : 9006-59-1		500 gr
EINECS : 232-692-7		
pH (10% in water)		7.0–8.0
Moisture %		Max 7.0
Solubility%		Min 85
Protein (Nx6.681) %		Min 80
Foaming ability	To satisfy the test to satisfy the test	
	Microbiological analysis	
Total plate count		Max 25000/gm
Coliform		Max 10/gm
Yeast & mold count		Max 50/gm
Salmonellae		Absent in 25gm

EMB agar	For Microbiology	
Product code: DM2170500		500 gr
Peptic digest of animal tissue		10.000 G/L
Dipotassium phosphate		2.000 G/L
Lactose		5.000 G/L
Sucrose		5.000 G/L
Eosin-Y		0.400 G/L
Methylene blue		0.065 G/L
Agar		15.500 G/L
Final pH (at 25°C)		7.2 ± 0.2
pH range		7.00 - 7.40
Reaction	reaction of 3.6% w/v aqueous solution at 25°C	pH 7.2 ± 0.2

ENDO agar	For Microbiology	
Product code: DM2180500		500 gr
Peptic digest of animal tissue		10.000 G/L
Lactose		10.000 G/L
Dipotassium phosphate		3.500 G/L
Sodium sulfite		2.500 G/L
Basic fuchsin		0.500 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.5 ± 0.2
pH range		7.30 - 7.70
Reaction	reaction of 4.15% w/v aqueous solution at 25°C	pH 7.5 ± 0.2

(±)-Epichlorohydrin	Laboratory Reagent	
Product code: 316390500		
C.A.S. : 106-89-8		500 ml
EINECS : 203-439-8		
Assay %		Min 99
Refractive index n_D^{20}		1.437 - 1.439
Density n_D^{20} °C		1.178 - 1.182



H301-H311-H330-H350-H314-H226-H317
P301-P310-P303-P361-P353-P305-P351-P338-P320-P361-P405-P501

Erythrosine B	For Microscopy	
Product code: 405220025		
C.A.S. : 16423-68-0		25 gr
EINECS : 240-474-8		
Absorption Maxima		524 – 527 nm
A1%; 1cm; λ_{max}		Min 850.0
Ratio ϵ_{max} ; P+/- 15nm		1.15 - 1.55
Loss on drying at 110°C%		Max 10.0

Ethyl acetate	Analytical Reagent	
Product code: 205102500		
C.A.S. : 141-78-6		2.5 L
EINECS : 205-500-4		
Assay (by GC) %		Min 99.8
Water (KF) %		Max 0.05
Residue on Evaporation %		Max 0.001
Acidity (meq/g) (meq/g)		Max 0.0005



H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Ethyl acetate	For HPLC & Spectroscopy	
Product code: 500091000		
C.A.S. : 141-78-6		1 L
EINECS : 205-500-4		
Assay %		Min 99.8
Non volatile matter %		Max 0.0005
Acidity (CH ₃ COOH) %		Max 0.0005 meq/g
Water %		Max 0.01
Min Transmission:		
At 255 nm %		Min 10.0
At 260 nm %		Min 50.0
At 263 nm %		Min 80.0
At 265 nm %		Min 90.0
From 280 nm %		Min 98.0



H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Ethyl formate	For Synthesis	
Product code: 500210500		
C.A.S. : 109-94-4		500 ml
EINECS : 203-721-0		
Assay %		Min 98
Ethanol %		Max 2
Density n_D^{20} °C		0.919 - 0.921
Refractive Index n_D^{20}		1.3597



H225-H302-H332-H319-H335
P210-P243-P262-P305-P351-P338-P403

Ethyl methyl ketone

For Synthesis
 C_4H_8O MW =72.11

Product code: 213052500

C.A.S. : 78-93-3

2.5 L

EINECS : 201-159-0

Assay (by GC) %
Wt. per ml at 20 °C
Non volatile matter %

Min 99
0.803 - 0.805 g
Max 0.005



H225-H319-H336

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Ethylamine solution 70%

For Synthesis
 C_2H_7N MW =45.09

Product code: 500270500

C.A.S. : 75-04-7

500 ml

EINECS : 200-834-7

Assay (by acidimetry) %
Density (d20 °C/4 °C)

Min 70
0.803 - 0.806



H225-H319-H335

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Ethylenediamine

For Synthesis
 $C_2H_8N_2$ MW =60.10

Product code: 500570500

C.A.S. : 107-15-3

500 ml

EINECS : 203-468-6

Assay %
Density (d20 °C/4 °C)
Boiling point °C
Chloride (Cl) %
Iron (Fe) %
Heavy metals (as Pb) %
Residue on evaporation %

98 - 101
0.895 - 0.905
116 - 118
Max 0.01
Max 0.001
Max 0.001
Max 0.3



H334-H314-H226-H302-H312-H317

P210-P241-P303-P361-P353-P305-P351-P338-P405-P501a

EDTA di-Sodium Salt 0.1 M (0.2N)

Standardized solution
traceable to NIST
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW =372.24

Product code: BVS03002

C.A.S. : 6381-92-6

1 L

EINECS : 205-358-3

EDTA di-Sodium Salt 0.5 M (1N)

Standardized solution
traceable to NIST
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW =372.24

Product code: BVS03010

C.A.S. : 6381-92-6

1 L

EINECS : 205-358-3

Ethylenediamine tetraacetic acid Laboratory Reagent

disodium salt

$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW =372.24

Product code: 105110500

C.A.S. : 6381-92-6

500 gr

EINECS : 205-358-3

Assay (complexometric) %
pH (5%, water)
Insoluble matter in water %
Chloride (Cl) %
Sulfate (SO₄) %
Cyanide (CN) %
Heavy metals (as Pb) %
Arsenic (As) %
Iron (Fe) %
Nitrilotriacetic acid %
Water %

99 - 101
4 - 5
Max 0.01
Max 0.02
Max 0.1
Max 0.001
Max 0.001
Max 0.0001
Max 0.0005
Max 0.1
8.7 - 10

Ethylene glycol

For Synthesis
 $C_2H_6O_2$ MW=62.07

Product code: 205112500

C.A.S. : 107-21-1

2.5 L

EINECS : 203-473-3

Assay %
Wt. per ml at 20 °C
Acidity %
Iron (Fe) %
Water %

Min 99
1.112 - 1.115 g
Max 0.1 ml N
Max 0.0002
Max 0.3



H302

P264-P270-P301-P312-P330-P501

Euparal

For Microscopy

Product code: 500400100

100 ml

Appearance
Colour
Refractive index (n20 °C/D)
pH value
Solubility in Xylol

Clear colorless /light yellow liquid
Light yellow
1.525 - 1.545
6.5 - 7.5
Ethyl alcohol



H225-H319-H336

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A



Fehling's reagent No. 1 (A) Laboratory Reagent

Product code: 514130500 **500 ml**
 Assay (as CuSO₄) % About 7.0
 Sensitivity Passes test



H410
P273-P501

Fehling's reagent No. 2 (B) Laboratory Reagent

Product code: 514120500 **500 ml**



H314
P280-P305-P351-P338-P310

Ferroun solution Analytical Reagent

Product code: 405040100 **100ml**
 Appearance Dark red solution
 Specific Absorptivity A1%1 cm (max; 0.2% i.e.0.3 ml dilute to 100ml buffer pH4.0) 2.4 - 2.8
 Application test Conforms
 Molarity 0.0025

Folic acid For Biochemistry

C₁₉H₁₉N₇O₆ MW=441.40

Product code: 106010010 **10 gr**
C.A.S. : 59-30-3
EINECS : 200-419-0

Assay % 98 - 102
 Water % 5 - 8.5
 Sulfated ash % Max0.2

Folin & ciocalteu's phenol reagent Laboratory Reagent

Product code: 106060250 **250 ml**

Equivalent acid About 2.0 N
 Wt. per ml at 20 °C About 1.2 g



H314
P280-P305-P351-P338-P310

Formaldehyde 37-41° solution Analytical Reagent

CH₂O MW =30.03

Product code: 206002500 **2.5 L**
C.A.S. : 50-00-0
EINECS : 200-001-8

Assay % 37-38
 Methanol (CH₃OH) % 8 - 12
 Wt.per ml at 20 °C 1.080 - 1.090 g
 Colour Max 10 APHA
 Acidity (H.COOH) Max 0.006 meq/g
 Residue on ignition % Max 0.005
 Chloride (Cl) % Max 0.0005
 Sulfate (SO₄) % Max 0.002
 Iron (Fe) % Max 0.0005
 Lead (Pb) % Max 0.0005



H301-H311-H330-H314-H351-H317
P301-P310-P303-P361-P353-P305-P351-P338-P320-P361-P405-P501

Formaldehyde 37-41° solution Laboratory Reagent

CH₂O MW =30.03

Product code: 206032500/5000 **2.5 L**
C.A.S. : 50-00-0 **5 L**
EINECS : 200-001-8

Assay (acidimetric) % 37 - 41 w/v
 Wt.per ml at 20 °C 1.080 - 1.090 g
 Content of methanol % 8 - 12 w/w
 Acidity % Max 3 ml N
 Ash % Max 0.02
 Chloride (Cl) % Max 0.001



H301-H311-H330-H314-H351-H317
P301-P310-P303-P361-P353-P305-P351-P338-P320-P361-P405-P501

Formamide Analytical Reagent

CH₃NO MW =45.04

Product code: 206010500 **500 ml**
C.A.S. : 75-12-7
EINECS : 200-842-0

Assay % Min 99.5
 Wt.per ml at 20 °C 1.132 - 1.135 g
 Solidification point °C 2 - 3
 Chloride (Cl) % Max 0.0001
 Heavy metals (as Pb) % Max 0.0001
 Iron (Fe) % Max 0.0001
 Water % Max 0.5
 Sulfated ash % Max 0.005



H360
P201-P202-P281-P308-P313-P405-P501a



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Fuchsin basic C.I.42510

For Microscopy
 $C_{20}H_{20}ClN_3$ MW =337.85

Product code: 406020025/0100

C.A.S. : 632-99-5

EINECS : 211-189-6

25 gr
100 gr

Dye content (by spectrophotometry) %

Min 85

Absorption maxima(in 50% ethanol)

549 - 552 nm

Absorptivity (0.003 g/L, 50% ethanol)

2290 - 2710

Loss on drying (at 135 °C) %

Max 15



H351-H302

P281-P264-P301-P312-P308-P313-P405-P501

Furfural

For Synthesis
 $C_5H_4O_2$ MW =96.09

Product code: 406160500

C.A.S. : 98-01-1

EINECS : 202-627-7

500 ml

Assay %

Min 98

Density (d₂₀° /4 °C)

1.158 - 1.160



H301-H330-H226-H351-H312-H315-H319-H335

P280-P305-P351-P338-P309-P310



Gallic acid monohydrate	Laboratory Reagent	
	$C_7H_6O_5 \cdot H_2O$ MW =188.14	
Product code: 101300250		
C.A.S. : 5995-86-8		250 gr
EINECS : 205-749-9		
Assay (Acidimetric) %	Min 98.0	
Melting point (with decomposition) about °C	260	
Los on drying (at 10°C) %	8 - 10	
Sulfated ash %	Max 0.1	



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501A

Gelatin agar	For Microbiology	
Product code: DM2190500		500 gr
Gelatin	30.000 G/L	
Casein enzymic hydrolysate	10.000 G/L	
Sodium chloride	10.000 G/L	
Agar	15.000 G/L	
Final pH (at 25°C)	7.2 ± 0.2	
Reaction	reaction of 6.5% w/v aqueous solution at 25°C pH 7.2 ± 0.2	
Prepare the medium per label direction Inoculate and incubate at 35 ± 2°C for 24 - 48 Hours		

Gelatin peptone	For Microbiology	
Product code: DM1160500		500 gr
pH (1% w/v aqueous solution) 25°C	6.7 ± 0.2	
Typical cultural response after 18 - 48 hours at 35 °C		
E. Coli	poor to good	
S. aureus	poor to good	
Indole test (tryptophan content)	- ve	

Gelatin powder	For Bacteriology	
Product code: 507140500		500 gr
C.A.S. : 9000-70-8		
Loss on drying %	Max 12	
Sulfated ash %	Max 1.5	
Sulfur dioxide (SO ₂) %	Max 0.0002	
E.Coli	Absent	
Liquifiers	Absent	

Giemsa's stain	For Microscopy	
Product code: 407190025/0100		25 gr
C.A.S. : 51811-82-6		100 gr
Absorption maxima 1 (methanol)	647-653 nm	
Absorption maxima 2 (methanol)	520-526 nm	
Absorptivity at absorb. max 1	Min 800.0	
Absorptivity at absorb. max 2	Min 350.0	
Loss on drying (at 105 °C) %	Max 10	

Glass wool		
Product code: 407200250		250 gr
C.A.S. : 65997-19-3		
Soluble in HCl %	Max.1.0	
Iron (Fe) %	Max.0.005	
Lead (Pb) %	Max.0.005	

D-(+)-Glucose anhydrous	Analytical Reagent	
	$C_6H_{12}O_6$ MW =180.16	
Product code: 507050500		500 gr
C.A.S. : 50-99-7		
EINECS : 200-075-1		
Specific rotation °C	+52.5 to +53	
Lead (Pb) %	Max 0.001	
Copper (Cu) %	Max 0.0001	
Zinc (Zn) %	Max 0.0001	
Cadmium (Cd) %	Max 0.0001	
Maltose %	Max 0.2	
Sulfated ash %	Max 0.05	
Water (KF) %	Max 0.05	
Chloride (Cl) %	Max 0.005	
Sulfate (SO ₄) %	Max 0.01	
Heavy metals (as Pb) %	Max 0.0005	
Arsenic (As) %	Max 0.00004	

D-(+)-Glucose anhydrous	Laboratory Reagent	
	$C_6H_{12}O_6$ MW =180.16	
Product code: 507120500/1000		500 gr
C.A.S. : 50-99-7		1 kg
EINECS : 207-757-8		
Specific rotation (20/D,10% water, on dried substance)	+52.5° to +53.2°	
pH (10%; water)	5.7 - 7.0	
Chloride (Cl) %	Max 0.0125	
Maltose %	Max 0.2	
Heavy metals (as Pb) %	Max 0.001	
Arsenic (As) %	Max 0.0001	
Lead (Pb) %	Max 0.00005	
Calcium (Ca) %	Max 0.02	
Sulfate (SO ₄) %	Max 0.02	
Water (KF) %	Max 0.2	
Sulfated ash %	Max 0.1	

D-(+)-Glucose monohydrate	Analytical Reagent	
	$C_6H_{12}O_6 \cdot H_2O$ MW =198.17	
Product code: 507060500		500 gr
C.A.S. : 5996-10-1		
EINECS : 200-075-1		
Specific rotation (20/D,10% water, on dried substance)	+52.6 to +53.2°C	
Chloride (Cl) %	Max 0.005	
Sulfate (SO ₄) %	Max 0.01	
Sulfite (as SO ₂)	Passes test	
Water %	7.5 - 9.5	
Heavy metals (as Pb) %	Max 0.001	
Maltose %	Max 0.02	
Suitability for microbiology	Passes test	
Sulfated ash %	Max 0.05	
Arsenic (As) %	Max 0.00005	

L-Glutamic acidFor Biochemistry
C₅H₉NO₄ MW =147.13**Product code:** 507070100**C.A.S. :** 56-86-0 **100 gr****EINECS :** 200-293-7

Assay (acidimetric) %	Min 99
Specific rotation (20/D, 100 g/l HCl 1 mol/l Calc. on dried substance°)	+30.5° to +32.5°
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Ammonium (NH ₄) %	Max 0.02
Ninhydrin positive substances (TLC) %	Max 0.5
Sulfated ash (at 600 °C) %	Max 0.1
Loss on drying (at 105 °C) %	Max 0.5

L-Glutamic acid mono sodium saltLaboratory Reagent
C₅H₈NNaO₄·H₂O MW =187.13**Product code:** 507270100**C.A.S. :** 6106-04-3 **100 gr****EINECS :** 200-293-7

Assay %	Min 99
Chloride (Cl) %	Max 0.02
Ammonium (NH ₄) %	Max 0.01
Arsenic (As) %	Max 0.0003
Lead (Pb) %	Max 0.001
Copper (Cu) %	Max 0.001
Zinc (Zn) %	Max 0.0001
Water %	Max 9.2-10

L-GlutamineFor Biochemistry
C₅H₁₀N₂O₃ MW =146.15**Product code:** 512070025**C.A.S. :** 56-85-9 **25 gr****EINECS :** 200-292-1

Assay (HClO ₄ titration) %	Min 99
Specific rotation	+32.3° to +33.3°
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.1
Foreign amino acids %	Max 0.3
Other ninhydrin positive substances (as glycine) %	Max 0.1

Glutaraldehyde solution 25%Laboratory Reagent
C₅H₈O₂ MW =100.12**Product code:** 507130500**C.A.S. :** 111-30-8 **500 ml****EINECS :** 203-856-5

Assay %	23 - 25
Density _D ²⁰ °C	1.055 - 1.065

H301-H334-H314-H400-H317
P260-P301-P301-P310-P303-P361-P353-P305-P351-P338-P408-P501a**Glycerol**Analytical Reagent
C₃H₈O₃ MW =92.09**Product code:** 201191000/2500**C.A.S. :** 56-81-5 **1 L**
2.5 L**EINECS :** 200-289-5

Assay (on anhydrous basis) %	Min 99.5
Fatty acids and ester	Max 1.0 ml of 0.5N NaOH consumed
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.002
Chlorinated compounds %	Max 0.003
Moisture %	Max 0.5
Heavy metals %	Max 0.0005
Residue on ignition %	Max 0.01
Specific gravity at 25 °C	Min 1.249
Total impurities (Chromatographic including Diethylene glycol) %	Max 1.0
Individual impurities %	Max 0.1

GlycerolLaboratory Reagent
C₃H₈O₃ MW =92.09**Product code:** 201061000/2500**C.A.S. :** 56-81-5 **1 L**
2.5 L**EINECS :** 200-289-5

Assay %	98 - 101
Refractive index at 20 °C	1.470 - 1.475
Acidity	Max 0.2 ml of 0.1 N NaOH required for 50 ml of 50% w/v solution
Alkalini	NIL
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0004
Chloride (Cl) %	Max 0.0025
Sulfate (SO ₄) %	Max 0.0030
Ester	Max 8.0 ml of 0.1M HCl required to decolorize the 50 ml of 50% w/v Solution of glycerin in water
Sulfated ash %	Max 0.01
Water %	Max 2

GlycineAnalytical Reagent
NH₂CH₂COOH MW =75.07**Product code:** 500660500**C.A.S. :** 56-40-6 **500 gr****EINECS :** 200-272-2

Assay %	Min 99
pH of 5% solution	5.9 - 6.3
Insoluble matter in water %	Max 0.005
Chloride (Cl) %	Max 0.003
Heavy metals (as Pb) %	Max 0.001
Sulfate (SO ₄) %	Max 0.002
Loss on drying %	Max 0.2
Residue on ignition %	Max 0.05
Ammonium (NH ₄) %	Max 0.005
Iron (Fe) %	Max 0.001
Arsenic (As) %	Max 0.0001
Copper (Cu) %	Max 0.0005
Nickel (Ni) %	Max 0.0005
Lead (Pb) %	Max 0.0005

Glycine

For Biochemistry
 $\text{NH}_2\text{CH}_2\text{COOH}$ MW =75.07

Product code: 500460500

C.A.S. : 56-40-6

500 gr

EINECS : 200-272-2

Assay %	Min 98.5
Water %	Max 0.2
Sulfated ash %	Max 0.05
Iron (Fe) %	Max 0.003
Heavy metals (as Pb) %	Max 0.01
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.005

Glycolic acid (65 % in water)

Laboratory Reagent
 $\text{C}_2\text{H}_3\text{O}_3$ MW =76.05

Product code: 201110500

C.A.S. : 79-14-1

500 ml

EINECS : 200-854-6

Assay (acidimetric) %	Min About 65.0
Wt.per ml at 20°C	1.257 - 1.264 g
Refractive Index n_D^{20}	20 Abt.1.4050



H314-H318-H302-H332
P280-P305-P351-P338-P309-P310

Glyoxal 40%

Laboratory Reagent
 $\text{C}_2\text{H}_2\text{O}_2$ MW =58.04

Product code: 507220500

C.A.S. : 107-22-2

500 ml

EINECS : 203-474-9

Assay (Oxime titration) %	~40
Density (d ₂₀ °C/4 °C)	1.268 - 1.271



H341-H315-H319-H317-H333
P261-P280-P281-P305-P351-P338-P405-P501A

Guanidine hydrochloride

For Synthesis
 $\text{CH}_5\text{N}_3\text{HCl}$ MW =95.53

Product code: 507040100

C.A.S. : 50-01-1

100 gr

EINECS : 200-002-3

Assay %	Min 99
Melting point °C	182 - 185
pH (10% in water)	4.5 - 5.5
Chloride (Cl) %	36.1 - 37.1



H302-H315-H319
P280-P305-P351-P338-P302-P352-P321-P362-P501

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Heart infusion agar

For Microbiology

Product code: DM2530500	500 gr
Beef heart, infusion from	500.000 G/L
Tryptose	10.000 G/L
Sodium chloride	5.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 4.0% w/v aqueous solution at 25°C pH 7.4 ± 0.2

n-Heptane

Analytical Reagent

C₇H₁₆ MW =100.21

Product code: 220461000/2500	1 L
C.A.S. : 142-82-5	2.5 L
EINECS : 205-563-8	
Assay (by GC) %	Min 99.0
Water (KF) %	Max 0.02
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.001
Sulfur Compounds %	Max 0.001



H334-H314-H226-H302-H312-H317
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501a

n-Heptane

For HPLC & Spectroscopy

C₇H₁₆ MW =100.21

Product code: 500081000	1 L
C.A.S. : 142-82-5	
EINECS : 205-563-8	
Assay %	Min 99
Non volatile matter %	Max 0.0005
Acidity (CH ₃ COOH) %	Max 0.001
Water %	Max 0.01
Maximum absorbance in 1.0 cm cell against water at:	
At 200 nm	1.0
At 210 nm	0.4
At 220 nm	0.15
At 230 nm	0.05
At 250 nm	0.01
At 270 nm	0.01
Boiling point °C	97 - 99
Refractive index	1.387
Viscosity(20°C)	0.41 cP
Density (d ₂₀ deg/4 °C)	0.683
Flash point °C	-4



H334-H314-H226-H302-H312-H317
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501a

n-Hexane 99%

Analytical Reagent

C₆H₁₄ MW =86.18

Product code: 208122500	2.5 L
C.A.S. : 110-54-3	
EINECS : 203-777-6	
Assay (by GC) %	Min 99.0
Water %	Max 0.02
Residue on Evaporation %	Max 0.001
Acidity (meq/g) (meq/g)	Max 0.0005
Sulfur Compounds %	Max 0.001



H225-H304-H361-H373-H315-H336-H411
P210-P260-P301-P310-P303-P361-P353-P405-P501A

n-Hexane 99%

For HPLC & Spectroscopy

C₆H₁₄ MW =86.18

Product code: 208061000	1 L
C.A.S. : 110-54-3	
EINECS : 203-777-6	
Assay (GC) %	Min 95
Non volatile matter %	Max 0.0001
Acidity (CH ₃ COOH) %	Max 0.001
Water %	Max 0.01
Maximum absorbance in 1.0 cm cell against water:	
At 200 nm	1.00
At 210 nm	0.3
At 220 nm	0.1
At 230 nm	0.05
At 245 - 400 nm	0.01



H225-H304-H361-H373-H315-H336-H411
P210-P260-P301-P310-P303-P361-P353-P405-P501A

n-Hexane 95%

General Purpose Reagent

C₆H₁₄ MW =86.18

Product code: 208022500	2.5 L
C.A.S. : 110-54-3	
EINECS : 203-777-6	
Assay (by GC) %	Min 95.0
Water (KF) %	Max 0.05
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.005



H225-H304-H361-H373-H315-H336-H411
P210-P260-P301-P310-P303-P361-P353-P405-P501A

n-Hexanol

For Synthesis

C₆H₁₄O MW =102.18

Product code: 203270500	500 ml
C.A.S. : 111-27-3	
EINECS : 203-852-3	
Assay (GC,area %) %	Min 98
Density (d ₂₀ °C/4 °C)	0.818 - 0.819
Identity (IR)	Conforms



H226-H302-H313
P210-P280-P240-P303-P361-P353-P403-P235-P501A



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L-Histidine

For Biochemistry
 $C_6H_9N_3O_2$ MW =155.16

Product code: 508100025

C.A.S. : 71-00-1

25 gr

EINECS : 200-745-3

Assay (HClO ₄ titration) %	Min 99
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3

L-Histidine monohydrochloride monohydrate

For Biochemistry
 $C_6H_9N_3O_2 \cdot HCl \cdot H_2O$ MW =209.63

Product code: 508120025

C.A.S. : 5934-29-2

25 gr

EINECS : 211-438-9

Assay (argentometric, on anhydrous substances) %	Min 99
Specific rotation	+8.5° to +9.5°
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin-positive substances (as glycine) %	Max 0.1

Hydrazine hydrate 80%

Analytical Reagent
 N_2H_4OH MW =50.06

Product code: 508150500

C.A.S. : 10217-52-4

500 ml

EINECS : 206-114-9

Assay %	Min 80
Density (d ₂₀ °C/4 °C)	1.028 - 1.030
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01



H301-H310-H330-H317-H350-H314-H318-H400-H410-H227
P210-P301-P310-P303-P361-P353-P304-P340-P305-P351
P338-P320-P330-P361-P405-P501A

Hydrobromic acid 48%

Analytical Reagent
HBr MW =80.91

Product code: 108010500

C.A.S. : 10035-10-6

500 ml

EINECS : 233-113-0

Assay %	47 - 49
Arsenic (As) %	Max 0.00005
Chloride (Cl) %	Max 0.05
Heavy metals (as Pb) %	Max 0.0005
Iodide (I)	Passes test (approx.0.003%)
Iron (Fe) %	Max 0.0001
Phosphate (PO ₄) %	Max 0.003
Residue on Ignition %	Max 0.003
Selenium (Se)	Passes test (Approx.0.000001 ppm)
Sulfate and Sulfite (as SO ₄) %	Max 0.003



H314-H335
P280-P305-P351-P338-P309-P310-P403-P233

Hydrochloric acid 0.1 M (0.1N)

Standardized solution
traceable to NIST
HCl MW =36.46

Product code: BVS04010

C.A.S. : 7647-01-0

1 L

EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrochloric acid 1 M (1N)

Standardized solution
traceable to NIST
HCl MW =36.46

Product code: BVS04010

C.A.S. : 7647-01-0

1 L

EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrochloric acid 2 M (2N)

Standardized solution
traceable to NIST
HCl MW =36.46

Product code: BVS04020

C.A.S. : 7647-01-0

1 L

EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a



Hydrochloric acid 35-38%Analytical Reagent
HCl MW =36.46**Product code:** 125002500/5000**C.A.S. :** 7647-01-0**EINECS :** 231-595-7**2.5 L**
5 L

Assay %	Min 35.4
Non volatile matter %	Max 0.001
Free chlorine (Cl) %	Max 0.0002
Sulfate (SO ₄) %	Max 0.0005
Sulfite (SO ₃) %	Max 0.0001
Aluminium (Al) %	Max 0.00005
Ammonium (NH ₄) %	Max 0.0003
Arsenic (As) %	Max 0.000002
Copper (Cu) %	Max 0.00001
Iron (Fe) %	Max 0.00004
Lead (Pb) %	Max 0.00005



H314-H335

P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrofluoric acid 48%Analytical Reagent
HF MW =20.01**Product code:** 101310500**C.A.S. :** 7664-39-3**EINECS :** 231-634-8**500 ml**

Assay (Titration by NaOH) %	48.0-51.0
Sulfate and sulfite %	Max 0.0005
Phosphate (PO ₄) %	Max 0.0001
Fluorosilicic acid (SiF ₆) %	Max 0.01
Residue on ignition %	Max 0.0005
Chloride (Cl) %	Max 0.0005
Iron (Fe) %	Max 0.0001
Heavy metal (as Pb) %	Max 0.00005
Arsenic (As) %	Max 0.000005
Copper (Cu) %	Max 0.00001



H300-H310-H330-H314

P260-P301+P310-P303-P361-P353-P304-P340-P305

P351-P338-P320-P330-P361-P405-P501A

Hydrochloric acid 35-38%Laboratory Reagent
HCl MW =36.46**Product code:** 125012500/5000**C.A.S. :** 7647-01-0**EINECS :** 231-595-7**2.5 L**
5 L

Assay (acidimetric) %	35
Wt. per ml at 20 °C	About 1.18 g
Non volatile matter %	Max 0.01
Free chloride (Cl) %	Max 0.0005
Sulfuric acid %	Max 0.02
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.0005



H314-H335

P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrogen peroxide 30%Analytical Reagent
H₂O₂ MW =34.02**Product code:** 500141000**C.A.S. :** 7722-84-1**EINECS :** 231-765-0**1 L**

Appearance	colorless, clear liquid
Assay %	Min 28
Free acids (as H ₂ SO ₄) %	Max 0.01
Residue on Evaporation %	Max 0.01
Nitrogen (N) %	Max 0.005
Chlorides (Cl) %	Max 0.001
Phosphates (PO ₄) %	Max 0.003
Sulfates (SO ₄) %	Max 0.001
Arsenic (As) %	Max 0.00005
Zinc (Zn) %	Max 0.0002
Cadmium (Cd) %	Max 0.0002
Copper (Cu) %	Max 0.0002
Lead (Pb) %	Max 0.0002
Iron (Fe) %	Max 0.00005



H302-H318

P280-P305-P351-P338-P313

Hydrofluoric acid 40%Analytical Reagent
HF MW =20.01**Product code:** 101400500**C.A.S. :** 7664-39-3**EINECS :** 231-634-8**500 ml**

Assay %	Min 40
Non volatile matter %	Max 0.0005
Chloride (Cl) %	Max 0.0005
Phosphate (PO ₄) %	Max 0.0001
Sulfate (SO ₄) %	Max 0.0005
Sulfite (SO ₃) %	Max 0.0005
Arsenic (As) %	Max 0.000005
Cadmium (Cd) %	Max 0.00001
Copper (Cu) %	Max 0.00001
Iron (Fe) %	Max 0.00005
Nickel (Ni) %	Max 0.00001
Lead (Pb) %	Max 0.00001
Zinc (Zn) %	Max 0.00001
Fluorosilicate (SiF ₆) %	Max 0.005



H300-H310-H330-H314

P260-P301+P310-P303-P361-P353-P304-P340-P305

P351-P338-P320-P330-P361-P405-P501A

Hydroxylamine hydrochlorideAnalytical Reagent
H₂CINO MW =69.49**Product code:** 101320100**C.A.S. :** 5470-11-1**EINECS :** 226-798-2**100 gr**

Assay %	Min 99.0
pH (5% in water)	2.5 - 3.5
Sulfate (SO ₄) %	Max 0.002
Heavy metals (as Pb) %	Max 0.0005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.0005
Ammonium (NH ₄) %	Max 0.1
Residue on ignition (as SO ₄) %	Max 0.01
Titrate free acid	Max 0.25 meq/g



H351-H373-H290-H400-H302-H312-H317-H315-H319

P280H-P273-P406

8-Hydroxyquinoline

Laboratory Reagent
 C_8H_7NO MW =145.16

Product code: 101390100

C.A.S. : 148-24-3

100 gr

EINECS : 205-711-1

Assay %	99.0 – 101.0
Melting point °C	72.5 to 76
Sulfated ash %	Max 0.1
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.02



H341-H302

P281-P264-P301-P312-P308-P313-P405-P501A

Imidazole

Analytical Reagent
 $C_3H_4N_2$ MW =68.08

Product code: 509030100

C.A.S. : 288-32-4

100 gr

EINECS : 206-019-2

Assay (HClO ₄ titration) %	Min 99.5
pH (5% in water)	9.5 - 10.5
Melting point °C	88 - 90
Iron (Fe) %	Max 0.0005
Sulfated ash %	Max 0.1
Water %	Max 0.2



H314-H361-H302

P280-P303-P361-P353-P305-P351-P338-P310

Immersion oil

For Microscopy

Product code: 509010030

30 ml

Refractive index at 20°C	1.515 - 1.526
Wt.per ml at 20°C	About 1.21g



H315-H319-H335

P261-P305-P351-P338

Indigo carmine C.I.73015

For Microscopy

$C_{16}H_8N_2Na_2O_6S_2$ MW =466.36

Product code: 403090025

C.A.S. : 860-22-0

25 gr

EINECS : 212-728-8

Absorption maxima (λ max.in water)	608 - 612 nm
Specific Absorptivity (A 1%/1cm max; 0.001 %;water)	380 - 475
Loss on drying (at 110 °C)Max 10%	Suitability for microscopy passes test

Indole nitrate medium

For Microbiology

(tryptone nitrate medium)

Product code: DM2200500

500 gr

Casein enzymic hydrolysate	20.000 G/L
Disodium phosphate	2.000 G/L
Dextrose	1.000 G/L
Potassium nitrate	1.000 G/L
Agar	1.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
Reaction	reaction of 2.5 % w/v aqueous solution at 25°C pH 7.2 ± 0.2
Prepare the medium per label direction Inoculate and incubate at 35 ± 2°C for 18 - 48 Hours	



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Iodine 0.5 M (1N)

Standardized solution
traceable to NIST
I₂ MW =253.81

Product code: BVS05010

C.A.S. : 7553-56-2

1 L

EINECS : 231-442-4

Tolerance +/- 0.0005M
Appearance Brown solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H311-H314-H318-H400-H332
P260-P303-P361-P353-P305-P351-P338-P361-P405-P501

Iodine resublimed

Analytical Reagent
I₂ MW =253.81

Product code: 500590100/0250

C.A.S. : 7553-56-2

**100 gr
250 gr**

EINECS : 231-442-4

Assay (oxidimetric) % Max 99.5
Non volatile matter % Max 0.1
Bromine & chlorine (Cl) % Max 0.01



H311-H314-H318-H400-H332
P260-P303-P361-P353-P305-P351-P338-P361-P405-P501

Iron powder reduced

Laboratory Reagent
Fe MW =55.85

Product code: 309161000

C.A.S. : 7439-89-6

1 kg

EINECS : 231-096-4

Assay % Min 99.5
Lead (Pb) % Max 0.002
Insoluble in HCl % Max 0.05
Arsenic (As) % Max 0.0005
Copper (Cu) % Max 0.005
Manganese (Mn) % Max 0.05
Sulfide (S) % Max 0.02
Nickel (Ni) % Max 0.05
Zinc (Zn) % Max 0.01



H228-H319-H335
P210-P241-P261-P305-P351-P338-P405-P501

Iron(II) Chloride hydrate

Laboratory Reagent
FeCl₂.XH₂O MW =126.75+aq.

Product code: 209000500

C.A.S. : 13478-10-9

500 gr

EINECS : 231-843-4

Assay % Min 98
Sulfate (SO₄) % Max 0.03
Arsenic (As) % Max 0.0005
Copper (Cu) % Max 0.005
Lead (Pb) % Max 0.005



H314-H302
P280-P305-P351-P338-P309-P310

Iron (III) Chloride hexahydrate

Analytical Reagent
FeCl₃.6H₂O MW =270.30

Product code: 309030500

C.A.S. : 10025-77-1

500 gr

EINECS : 231-729-4

Assay % 99.0 -102.0
Insoluble matter % Max 0.01
Nitrate (NO₃) % Max 0.01
Phosphate (PO₄) % Max 0.01
Sulfate (SO₄) % Max 0.01
Copper (Cu) % Max 0.003
Iron (II) (Fe) % Max 0.002
Calcium (Ca) % Max 0.01
Arsenic (As) % Max 0.0005
Zinc (Zn) % Max 0.003
Magnesium (Mg) % Max 0.005
Sodium (Na) % Max 0.05
Potassium (K) % Max 0.005



H314-H302
P280-P305-P351-P338-P309-P310

Iron (III) Chloride hexahydrate

Laboratory Reagent
FeCl₃.6H₂O MW =270.30

Product code: 309060500

C.A.S. : 10025-77-1

500 gr

EINECS : 231-729-4

Assay (iodometric) % Min 99
Substances insoluble in HCl % Max 0.05
Free acid (as HCl) % Max 0.2
Free chlorine (Cl) % Max 0.005
Sulfate (SO₄) % Max 0.05
Total Nitrogen (N) % Max 0.005
Heavy metals (as Pb) % Max 0.005
Arsenic (As) % Max 0.001
Substances not precipitated by NH₃ (as SO₄) % Max 0.1



H314-H302
P280-P305-P351-P338-P309-P310

Iron (III) nitrate nonahydrate

Laboratory Reagent
Fe(NO₃)₃.9H₂O MW =404.00

Product code: 309150500

C.A.S. : 7782-61-8

500 gr

EINECS : 233-899-5

Assay (oxidimetric) % Min 98
Chloride (Cl) % Max 0.01
Sulfate (SO₄) % Max 0.02
Ferrous Iron (Fe) % Max 0.01
Manganese (Mn) % Max 0.02



H272-H315-H319
P221-P210-P305-P351-P338-P302-P352-P321-P501

Iron (III) oxide redLaboratory Reagent
Fe₂O₃ MW =159.69**Product code:** 309020500**C.A.S. :** 1309-37-1**500 gr****EINECS :** 215-168-2

Assay %	95 - 98
Loss on ignition %	Max 0.5
Water soluble %	Max 1.0
Phosphate (PO ₄) %	Max 0.3
Sulfate (SO ₄) %	Max 0.5
Manganese (Mn) %	Max 0.25

H315-H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501a**Iron (II) sulfate heptahydrate**Analytical Reagent
FeSO₄·7H₂O MW =278.01**Product code:** 309210500**C.A.S. :** 7782-63-0**500 gr****EINECS :** 231-753-5

Assay %	99.0
Ferric ion (Fe) %	Max 0.1
Copper (Cu) %	Max 0.005
Insoluble matter %	Max 0.01
pH (5% water)	3.0 - 4.0
Chloride (Cl) %	Max 0.001
Phosphate (PO ₄) %	Max 0.001
Manganese (Mn) %	Max 0.05
Zinc (Zn) %	Max 0.005
Calcium (Ca) %	Max 0.005
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.002
Sodium (Na) %	Max 0.02

H302-H315-H319
P301-P310-P315**Iron (II) sulfate heptahydrate**Laboratory Reagent
FeSO₄·7H₂O MW =278.01**Product code:** 309230500**C.A.S. :** 7782-63-0**500 gr****EINECS :** 231-753-5

Assay %	98.5 - 104.5
pH (5% water)	3.0 - 4.0
Chloride (Cl) %	Max 0.01
Heavy metals (as Pb) %	Max 0.005
Arsenic (As) %	Max 0.0002
Lead (Pb) %	Max 0.001
Iron (III) Salts (as Fe) %	Max 0.2
Copper (Cu) %	Max 0.005
Manganese (Mn) %	Max 0.1
Mercury (Hg) %	Max 0.0003
Zinc (Zn) %	Max 0.05

H302-H315-H319
P301-P310-P315**Iron (II) sulfide fused sticks**Laboratory Reagent
FeS MW =87.91**Product code:** 309241000**C.A.S. :** 1317-37-9**1 kg****EINECS :** 215-268-6

Appearance	Bluish black sticks
Sulfide Sulfur %	Min 29

Iso-amyl alcoholAnalytical Reagent
C₅H₁₂O MW =88.15**Product code:** 209022500**C.A.S. :** 123-51-5**2.5 L****EINECS :** 204-633-5

Total assay of isomers %	Min 99
Free acid (as CH ₃ COOH) %	Max 0.005
Density (d ₂₀ /4 °C) %	0.810-0.812
Non volatile substances %	Max 0.01
Water %	Max 0.2

H226-H332-H335-H066
P210-P241-P261-P303-P361-P353-P405-P501**Iso-amyl alcohol**For Synthesis
C₅H₁₂O MW =88.15**Product code:** 209012500**C.A.S. :** 123-51-5**2.5 L****EINECS :** 204-633-5

Assay %	Min 98
Water %	Max 0.5
Density (d ₂₀ /4 °C)	0.810 - 0.813
Non volatile matter %	Max 0.01

H226-H332-H335-H066
P210-P241-P261-P303-P361-P353-P405-P501**L-Isoleucine**For Biochemistry
C₆H₁₃NO₂ MW =131.17**Product code:** 509200005/0025**C.A.S. :** 73-32-5**5 gr****25 gr****EINECS :** 200-798-2

Assay (HClO ₄ titration) %	Min 99
Specific rotation - α ₂₀ /D ₄₀ 40 g/l HCl 250g/l (Calc. on dried substance)	+40° to +43°
Specific rotation - α ₂₅ /D ₄₀ 40 g/l HCl 6 mol/ (Calc. on dried substance)	+38.9° to +41.8°
pH (1% CO ₂ free water) %	5.5 - 7.0
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.02
Foreign amino acids %	Max 0.5
Other ninhydrin-positive substances (as glycine) %	Max 0.1

Iso-Octane

Analytical Reagent

 C_8H_{18} MW =114.23**Product code:** 209060500**C.A.S. :** 540-84-1**500 ml****EINECS :** 208-759-1

Assay %	Min 99.5
Wt. per ml at °C	0.691 - 0.693 g
Bromine number	Max 0.5
Refractive index (n ₂₀ deg/D)	1.391 - 1.392
Water %	Max 0.025
Acidity (CH ₃ COOH) %	Max 0.0005
Non-volatile matter %	Max 0.002
Sulfur compounds (Cs ₂) %	Max 0.0003
Copper (Cu) %	Max 0.00002
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.00002

H225-H304-H400-H410-H315-H336
P210-P241-P301-P310-P303-P361-P353-P405-P501

Iso-Octane

For HPLC

 C_8H_{18} MW =114.23**Product code:** 520311000**C.A.S. :** 540-84-1**1 L****EINECS :** 208-759-1

Assay %	Min 99.8
Non-volatile matter %	Max 0.0001
Acidity (as CH ₃ COOH) %	Max 0.001
Water %	Max 0.05
Absorbance in a 1.0 cm cell against water:	
At 210 nm	Max 1.0
At 220 nm	Max 0.30
At 230 nm	Max 0.10
At 240 nm	Max 0.05
At 250 nm	Max 0.01
At 270 nm	Max 0.01

H225-H304-H400-H410-H315-H336
P210-P241-P301-P310-P303-P361-P353-P405-P501

Iso-Propylamine

Laboratory Reagent

 C_3H_7N MW =59.11**Product code:** 209110500**C.A.S. :** 75-31-0**500 ml****EINECS :** 200-860-9

Assay %	Min 99
Density n ₂₀ ²⁰	0.687 - 0.688
Water %	Max 0.5

H224-H315-H319-H335
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

Kaolin

Laboratory Reagent

Product code: 511000500**C.A.S. :** 1332-58-7**500 gr**

Arsenic (As) %	Max 0.0002
Heavy metals (as Pb) %	Max 0.002
Chloride(Cl) %	Max 0.033
Loss on drying (at 105 °C) %	Max 1.5
Loss on ignition (at 600 °C) %	Max 15

Kinetin

Laboratory Reagent

 $C_{10}H_{19}N_5O$ MW =215.22**Product code:** 511030001**C.A.S. :** 525-79-1**1 gr****EINECS :** 208-382-2

Assay %	Min 99.5
Melting point °C	267 - 270

Lactic acid

Analytical Reagent

 $C_3H_5O_3$ MW =90.08**Product code:** 112010500**C.A.S. :** 72-33-4**500 ml****EINECS :** 201-196-2

Color	Max 50 APHA
Positive test for Lactate	Passes test
Total acidity (as lactic acid) %	Min. 88.0 w/w
Stereochemical purity (L+) %	Min 97.0
Density at 20°C	1.19-1.21 g/ml
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Calcium (Ca) %	Max 0.001
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.001
Sulfated ash %	Max 0.05
Cyanide (CN) %	Max 0.0005
Lead (Pb) %	Max 0.00005
Arsenic (As) %	Max 0.0001
Mercury (Hg) %	Max 0.0001
Reducing substance (Sugars)	Passes test
Citric, Oxalic, tartaric and phosphoric acid	Passes test

H318-H315
P280B-P305-P351-P338-P310

Lactic acid

Laboratory Reagent

 $C_3H_5O_3$ MW =90.08**Product code:** 112060500**C.A.S. :** 72-33-4**500 ml****EINECS :** 201-196-2

Assay %	88 - 92
Sulfated ash %	Max 0.1
Iron (Fe) %	Max 0.001
Chloride (Cl) %	Max 0.2
Sulfate (SO ₄) %	Max 0.02
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0003
Calcium (Ca) %	Max 0.02
Mercury (Hg) %	Max 0.0001
Lead (Pb) %	Max 0.0005
Wt. per ml at 20 °C	1.20 - 1.21 g

H318-H315
P280B-P305-P351-P338-P310

Lactose monohydrate	Analytical Reagent
	$C_{12}H_{22}O_{11} \cdot H_2O$ MW =360.31
Product code: 512000500	
C.A.S. : 10039-26-6	500 gr
EINECS : 200-559-2	
Specific rotation at 20 °C (10% in water)	+54.°4 to +55.9°
Water %	4.8 - 5.4
Free acid %	Max 0.25 ml N
Insoluble matter %	Max 0.005
Alcohol soluble impurities %	Max 0.2
Sulfated ash %	Max 0.3
Nitrogen compounds (N) %	Max 0.02
Arsenic (As) %	Max 0.0001
Copper (Cu) %	Max 0.00005
Iron (Fe) %	Max 0.0002
Lead (Pb) %	Max 0.00005

Lactose monohydrate	Laboratory Reagent
	$C_{12}H_{22}O_{11} \cdot H_2O$ MW =360.31
Product code: 512020500	
C.A.S. : 10039-26-6	500 gr
EINECS : 200-559-2	
Specific rotation at 20 °C (10% in water)	+54.4° to +55.9°
Sulfated ash %	Max 0.5
Water (KF) %	4.5 - 5.5
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0001
Copper (Cu) %	Max 0.0025
Lead (Pb) %	Max 0.00005
Zinc (Zn) %	Max 0.0025
Loss on drying (at 80 °C, 2 hrs.) %	Max 0.5
Matter extractable with ethanol %	Max 0.4

Lactose monohydrate broth	For Microbiology
Product code: DM2220500	500 gr
Pancreatic digest of gelatin	4.750 G/L
Beef extract	3.00 G/L
Lactose monohydrate	5.00 G/L
pH after sterilization	6.9 ± 0.2

Lanolin anhydrous	Laboratory Reagent
Product code: 500160500	
C.A.S. : 8006-54-0	500 gr
EINECS : 232-348-6	
Melting point °C	38 - 44
Acid value	Max 1
Peroxide value	Max 20
Saponification value	90 - 105
Loss on drying %	Max 0.5
Sulfated ash %	Max 0.15

Lead (metal) granular	Analytical Reagent
	Pb MW =207.20
Product code: 312310500	
C.A.S. : 7439-92-1	500 gr
EINECS : 231-100-4	
Assay (Complexometric) %	Min 99.5



H360-H373-H400-H410-H302-H332
P201-P273-P308-P313

Lead (metal) powder	Laboratory Reagent
	Pb MW =207.20
Product code: 312370500	
C.A.S. : 7439-92-1	500 gr
EINECS : 231-100-4	
Assay %	Min 99.5



H360DI-H373-H400-H410-H302-H332
P201-P273-P308-P313

Lead acetate trihydrate	Analytical Reagent
	$(CH_3COO)_2Pb \cdot 3H_2O$ MW =379.33
Product code: 312010500	
C.A.S. : 6080-56-4	500 gr
EINECS : 206-104-4	

Assay %	99.0 - 103
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.0005
Nitrite & Nitrate (NO ₃) %	Max 0.005
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.002
Iron (Fe) %	Max 0.001
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.005



H360-H373-H400-H410-H302-H332
P260-P261-P281-P304-P340-P405-P501

Lead (II) sulfate	Laboratory Reagent
	PbSO ₄ MW =303.26
Product code: 311580500	
C.A.S. : 7446-14-2	500 gr
EINECS : 231-198-9	

Assay (ex Pb) %	Min 98.5
Water soluble matter %	Max 0.1
Moisture %	Max 0.1
Chloride (Cl) %	Max 0.04



H360-H373-H400-H410-H302-H332
P260-P261-P281-P304-P340-P405-P501A

Lead dioxide	Laboratory Reagent
	PbO ₂ MW =239.20
Product code: 312290500	
C.A.S. : 1309-60-0	500 gr
EINECS : 215-174-5	

Assay %	Min 95
Substances insoluble in nitric acid and hydrogen peroxide %	Max 0.1
Chloride (Cl) %	Max 0.05
Manganese (Mn) %	Max 0.001
Sulfate (SO ₄) %	Max 0.05



H360-H373-H400-H410-H302-H332
P260-P261-P281-P304-P340-P405-P501

L-Leucine

For Biochemistry
 $C_6H_{13}NO_2$ MW =131.18

Product code: 512120025

C.A.S. : 61-90-5

25 gr

EINECS : 200-522-0

Assay (HClO ₄ titration) %	Min 99
Specific rotation (d) 20 deg(C=4 in 6M HCl calculated on anhydrous substance)	+14.9° to +16.50°
pH of 1% solution	5.5 - 7.0
Loss on drying (at 105 °C) %	Max 0.2
Residue on ignition (as SO ₄) %	Max 0.1
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.02
Foreign amino acids %	Max 0.3
Other ninhydrin-positive substances (as glycine) %	Max 0.1

Light green

For Microscopy
 $C_7H_{34}N_2Na_2O_5S_3$ MW =792.86

Product code: 508190025

C.A.S. : 5141-20-8

25 gr

EINECS : 225-906-5

Dye content %	Min 65.0
Solubility (Turbidity) 1 mg/mL, H ₂ O Clear Absorption maxima in water	629 - 634 nm
Loss on drying (at 110°C) %	Max 12.0

Lithium acetate dihydrate

Laboratory Reagent
 $CH_3COOLi \cdot 2H_2O$ MW =102.02

Product code: 311600250

C.A.S. : 6108-17-4

250 gr

EINECS : 208-914-3

Assay (Ex acetate) %	Min 99
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.002
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.01
Lead (Pb) %	Max 0.002

Lithium carbonate

Analytical Reagent
 Li_2CO_3 MW =73.90

Product code: 312060250

C.A.S. : 554-13-2

250 gr

EINECS : 209-062-5

Assay %	Min 99
Calcium (Ca) %	Max 0.01
Chloride (Cl) %	Max 0.005
Heavy metals (as Pb) %	Max 0.005
Insoluble in HCl %	Max 0.01
Iron (Fe) %	Max 0.002
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.1
Total Sulfur (SO ₄) %	Max 0.2
Ammonium (NH ₄) %	Max 0.0005
Nitrate (NO ₃) %	Max 0.0005



H318-H302-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Lithium carbonate

Laboratory Reagent
 Li_2CO_3 MW =73.90

Product code: 312070500

C.A.S. : 554-13-2

500 gr

EINECS : 209-062-5

Assay %	Min 98
Chloride (Cl) %	Max 0.005
Heavy metals (as Pb) %	Max 0.005
Iron (Fe) %	Max 0.005
Insoluble in HCl %	Max 0.05
Total sulfur %	Max 0.3
Ammonium (NH ₄) %	Max 0.005
Nitrate (NO ₃) %	Max 0.005



H318-H302-H335-H315
P261-P302-P352-P305-P351-P338-P321-P405-P501

Lithium chloride anhydrous

Laboratory Reagent
 Li_2CO_3 MW =73.90

Product code: 311610250

C.A.S. : 7447-41-8

500 gr

EINECS : 231-212-3

Assay %	Min 98.0
Heavy metals (as Pb) %	Max 0.01
Sodium (Na) %	Max 0.2
pH of 5% solution at 25°C	6.0–9.0
Alkaline earth salts	Passes test



H302-H315-H319-H335
P261-P280-P305+P351-P338-P304-P340-P405-P501A

Lithium hydroxide monohydrate

Laboratory Reagent
 $LiOH \cdot H_2O$ MW =41.96

Product code: 312360500

C.A.S. : 1310-66-3

500 gr

EINECS : 215-183-4

Assay %	Min 99
Carbonate (Li ₂ CO ₃) %	Max 1
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.05
Calcium (Ca) %	Max 0.02
Sodium (Na) %	Max 0.02



H314-H302-H332
P280-P303-P361-P353-P305-P351-P338-P310

L-Lysine monohydrochloride

For Biochemistry
 $C_6H_{14}N_2O_2 \cdot HCl$ MW =182.65

Product code: 203220100

C.A.S. : 657-27-2

100 gr

EINECS : 211-519-9

Assay (Percl. Ac) calc. on anhydrous substance %	98.5 - 101
Specific rotation 20/D, C=8 (in HCl) calc. on anhydrous substance	+21° to +22.5°
Specific rotation 25/D, C=8 (in HCl) calc. on anhydrous substance	+20.4° to +21.4°
Loss on drying (at 110 °C) %	Max 0.4
Sulfated ash %	Max 0.1
Iron (Fe) %	Max 0.003
Lead (Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03

M17 agar base	For Microbiology
Product code: DM2230500	500 gr
Peptic diest of animal tissue	5.000 G/L
Papaic digest of soyaben meal	5.000 G/L
Yeast extract	2.500 G/L
Beef extract	5.00 G/L
Ascorbic acid	0.500 G/L
Magnesium sulfate	0.250 G/L
Lactose	5.000 G/L
Agar	10.000 G/L
Final pH (at 25°C)	7.1 ± 0.2 G/L
pH rang	6.90 - 7.30
Reaction	reaction of 3.33% w/v aqueous solution at 25°C pH : 7.1 ± 0.2

Mac conkey agar	For Microbiology
Product code: DM2240500	500 gr
Peptic digest of animal tissue	20.000 G/L
Lactose	10.000 G/L
Bile salts	5.000 G/L
Sodium chloride	5.000 G/L
Neutral red	0.070 G/L
Agar	15.000 G/L
Final pH (25°C)	7.5 ± 0.2 G/L
pH	7.30 - 7.70
Reaction	reaction of 5.5 % w/v aqueous solution at 25 °C pH : 7.5 ± 0.2

Magnesium (metal) powder	Laboratory Reagent
	Mg MW =24.31
Product code: 313160500	
C.A.S. : 7439-95-4	500 gr
EINECS : 231-104-6	
Assay %	Min 99
Iron (Fe) %	Max 0.05
Substances insoluble in HCl %	Max 0.05



H228-H251-H261
P210-P231-P232-P241-P280-P420-P501

Magnesium metal turnings	Laboratory Reagent
	Mg MW =24.31
Product code: 312600500	
C.A.S. : 7439-95-4	500 gr
EINECS : 231-104-6	
Assay %	Min 99.5
Insoluble matter in HCl %	Max 0.01
Iron (Fe) %	Max 0.05



H228-H251-H261
P210-P231-P232-P241-P280-P420-P501

Magnesium acetate tetrahydrate	Laboratory Reagent
	C ₄ H ₆ MgO ₆ ·4H ₂ O MW =214.46
Product code: 312490500	
C.A.S. : 16674-78-5	500 gr
EINECS : 205-554-9	
Assay %	98 - 102
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Lead (Pb) %	Max 0.002

Magnesium chloride hexahydrate	Analytical Reagent
	MgCl ₂ ·6H ₂ O MW =203.30
Product code: 313030500	
C.A.S. : 7791-18-6	500 gr
EINECS : 232-094-6	
Assay %	Min 98
Water insoluble matter %	Max 0.003
Nitrogen compounds (N) %	Max 0.002
Phosphate (PO ₄) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.002
Arsenic (As) %	Max 0.0002
Barium (Ba) %	Max 0.005
Calcium (Ca) %	Max 0.01
Iron (Fe) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Manganese (Mn) %	Max 0.0005
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.005
Strontium (Sr) %	Max 0.005
Water %	51 - 55
pH of 5% solution	5.0 - 6.5
Bromide (Br) %	Max 0.05

Magnesium chloride hexahydrate	Laboratory Reagent
	MgCl ₂ ·6H ₂ O MW =203.30
Product code: 313080500	
C.A.S. : 7791-18-6	500 gr
EINECS : 232-094-6	
Assay %	Min 98
Sulfate (SO ₄) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0002
Barium and Strontium (as Ba) %	Max 0.002
Calcium (Ca) %	Max 0.1
Iron (Fe) %	Max 0.001
Potassium (K) %	Max 0.5
Sodium (Na) %	Max 0.3

Magnesium nitrate hexahydrate	Analytical Reagent
	Mg(NO ₃) ₂ ·6H ₂ O MW =256.41
Product code: 313140500	
C.A.S. : 13446-18-9	500 gr
EINECS : 233-826-7	
Assay %	99 - 102
pH (5% water)	5 - 7
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.001
Phosphate (PO ₄) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.002
Heavy metals (as Pb) %	Max 0.0005
Ammonium (NH ₄) %	Max 0.001
Arsenic (As) %	Max 0.0001
Barium (Ba) %	Max 0.001
Strontium (Sr) %	Max 0.001
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.0005
Potassium (K) %	Max 0.0005
Manganese (Mn) %	Max 0.0005
Sodium (Na) %	Max 0.0005



H272-H315-H319-H335
P221-P210-P220-P305-P351-P338-P405-P501A

Magnesium oxide light

Laboratory Reagent
MgO MW =40.30

Product code: 313340500

C.A.S. : 1309-48-4

500 gr

EINECS : 215-171-9

Assay (as MgO) %	96 - 100.5
Identification	Passes test
Loss on ignition (at 800°C) %	Max 10
Free alkali and soluble salts %	Max 2
Acid insoluble substances %	Max 0.1
Calcium (Ca) %	Max 1.1
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.05
Residual solvents	Meets the requirement

Magnesium sulfate dried

Laboratory Reagent
MgSO₄.xH₂O MW =120.37 (anhy)

Product code: 313100500

C.A.S. : 22189-08-8

500 gr

EINECS : 231-298-2

Assay %	Min 70
Chloride (Cl) %	Max 0.02
Total nitrogen (N) %	Max 0.003
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Arsenic (As) %	Max 0.0005
Calcium (Ca) %	Max 0.03
Loss on drying (at 450 °C) %	26 - 32

Magnesium sulfate heptahydrate

Analytical Reagent
MgSO₄.7H₂O MW =246.47

Product code: 313060500

C.A.S. : 10034-99-8

500 gr

EINECS : 231-298-2

Assay %	99.5 - 102
Water insoluble matter %	Max 0.005
pH (5% water)	5 - 7
Nitrate (NO ₃) %	Max 0.002
Ammonium (NH ₄) %	Max 0.002
Chloride (Cl) %	Max 0.0005
Calcium (Ca) %	Max 0.02
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Potassium (K) %	Max 0.005
Manganese (Mn) %	Max 0.0005
Sodium (Na) %	Max 0.005
Strontium (Sr) %	Max 0.005

Malachite green

For Microscopy
C₂₁H₃₁N₄O₁₂ MW =927.02

Product code: 413070025/0100

C.A.S. : 2437-29-8

25 gr
100 gr

EINECS : 219-441-7

Absorption max.	616 - 620 nm
Absorptivity A at λ max.	Min 1450
Ratio of α max. P+/-15 nm	1.00 - 1.15
Loss on drying (at 110°C) %	Max 7



H302-H312
P280-P301-P312-P312-P363-P322-P501A

Maleic acid

For Synthesis
C₄H₂O₄ MW =116.08

Product code: 113010500

C.A.S. : 110-16-7

500 gr

EINECS : 203-742-5

Assay (acidimetric) %	Min 99
Water %	Max 2
Sulfated ash %	Max 0.1
Fumaric acid %	Max 1.5
Heavy metals (as Pb) %	Max 0.001



H302-H315-H319-H317-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Maleic anhydride

Laboratory Reagent
C₄H₂O₃ MW =98.06

Product code: 513010500

C.A.S. : 108-31-6

500 gr

EINECS : 203-571-6

Assay %	Min 99
Melting point °C	51 53°C
Sulfated ash %	Max 0.05



H334-H317-H314-H302
P260-P285-P303-P361-P353-P305-P351-P338-P405-P501A

Malt extract powder

For Microbiology

Product code: DM1180500

500 gr

PH (10% w/v aqueous solution)	6.5 ± 1.0
Protein contents %	Min 5.0
Carbohydrate content %	Min 70.00
Loss on drying %	Max 5.00

Maltose monohydrate

For Bacteriology
C₁₂H₂₂O₁₁.H₂O MW =360.32

Product code: 516410100

C.A.S. : 6363-53-7

100 gr

EINECS : 200-716-5

Appearance	White powder
Maltose %	Min 92
Moisture %	Max 7
pH	4 - 5.5
Ignition residue %	Max 0.05
Glucose %	Max 3
Arsenic (As) %	Max 0.0002
Heavy metals (Pb) %	Max 0.0005

Manganese (II) acetate tetrahydrate Analytical Reagent
 $C_4H_6MnO_4 \cdot 4H_2O$ MW =245.09

Product code: 313010500

C.A.S. : 6156-78-1 **500 gr**

EINECS : 211-334-3

Assay %	Min 99
Calcium (Ca) %	Max 0.04
Iron (Fe) %	Max 0.001
Magnesium (Mg) %	Max 0.04
Heavy metals (as Pb) %	Max 0.001
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Sodium (Na) %	Max 0.01
Zinc (Zn) %	Max 0.005



H315 H319-H335
P261-P302-P352-P305-P351-P338-P321-P405-P501

Manganese (II) carbonate Laboratory Reagent
 $MnCO_3 \cdot xH_2O$ MW =114.95

Product code: 312530500

C.A.S. : 34156-69-9 **500 gr**

Manganese (Mn) %	43 - 46
Acid insoluble matter (HNO ₃ + H ₂ O ₂) %	Max 0.05
Chloride (HCl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.5
Iron (Fe) %	Max 0.01

Manganese (II) chloride tetrahydrate Analytical Reagent
 $MnCl_2 \cdot 4H_2O$ MW =197.90

Product code: 313120500

C.A.S. : 13446-34-9 **500 gr**

EINECS : 231-869-6

Assay %	98 - 101
Insoluble matter %	Max 0.003
Sulfate (SO ₄) %	Max 0.0025
Barium (Ba) %	Max 0.01
Calcium (Ca) %	Max 0.04
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.0002
Magnesium (Mg) %	Max 0.04
Nickel (Ni) %	Max 0.002
Potassium (K) %	Max 0.01
Sodium (Na) %	Max 0.02
Zinc (Zn) %	Max 0.02
Substance reducing iodine %	Max 0.0065



H302
P264-P270-P301-P312-P330-P501

Manganese (II) chloride tetrahydrate Laboratory Reagent
 $MnCl_2 \cdot 4H_2O$ MW =197.90

Product code: 313130500

C.A.S. : 13446-34-9 **500 gr**

EINECS : 231-869-6

Assay %	Min 97
Calcium (Ca) %	Max 0.1
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.003
Lead (Pb) %	Max 0.002
Zinc (Zn) %	Max 0.02
Substances reducing iodine (I) %	Max 0.0065



H302
P264-P270-P301-P312-P330-P501

Manganese(IV) oxide Analytical Reagent
 MnO_2 MW =86.94

Product code: 313260500

C.A.S. : 1313-13-9 **500 gr**

EINECS : 215-202-6

Assay (Iodometric) %	92.0-94.0
Acid insoluble mater %	Max 0.1
Chloride (Cl) %	Max 0.05
Sulfate (SO ₄) %	Max 0.01
Iron (Fe) %	Max 0.005
Lead (Pb) %	Max 0.005
Barium (Ba) %	Max 0.1
Calcium (Ca) %	Max 0.1
Los on drying (1050C) %	Max 0.2



H302-H332
P261-P264-P304-P340-P301-P312-P312-P501A

Manganese (II) sulfate monohydrate Analytical Reagent
 $MnSO_4 \cdot H_2O$ MW =169.02

Product code: 313210500

C.A.S. : 10034-96-5 **500 gr**

EINECS : 232-089-9

Assay %	Min 99
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.005
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.002
Heavy metals (as Pb) %	Max 0.002
Magnesium (Mg) %	Max 0.005
Nickel (Ni) %	Max 0.02
Potassium (K) %	Max 0.01
Sodium (Na) %	Max 0.05
Zinc (Zn) %	Max 0.005
Substances reducing permanganate (O)	Passes test
Loss on ignition %	10 - 12



H373-H411-H401
P260-P273-P314-P391-P501A

Manganese (II) sulfate monohydrate Laboratory ReagentMnSO₄·H₂O MW =169.02**Product code:** 313270500**C.A.S. :** 10034-96-5**500 gr****EINECS :** 232-089-9

Assay %	Min 98
Chloride (Cl) %	Max 0.01
Lead (Pb) %	Max 0.002
Iron (Fe) %	Max 0.002
Zinc (Zn) %	Max 0.005
Calcium (Ca) %	Max 0.01
Substances not precipitated by Ammonium sulfide %	Max 0.5
Loss on ignition %	10 - 13

H373-H411-H401
P260-P273-P314-P391-P501A**Mannitol salt agar base** For Microbiology**Product code:** DM2250500 **500 gr**

Proteose peptone	10.000 G/L
Beef extract	1.000 G/L
Sodium chloride	75.000 G/L
D-Mannitol	10.000 G/L
Phenol red	0.025 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
Reaction	reaction of 11.1% w/v aqueous solution at 25°C pH 7.4 ± 0.2
Prepare the medium per label direction. Inoculate and incubate at 35 ± 2°C for 18 - 48 hours	

D-Mannose For BiochemistryC₆H₁₂O₆ MW =180.16**Product code:** 513160010/0025**C.A.S. :** 3458-28-4**10 gr**
25 gr**EINECS :** 222-392-4

Assay %	Min 99
Heavy metals (as Pb) %	Max 0.001
Water %	Max 0.5
Specific rotation (5% H ₂ O) %	13.8° - 14.4°

May and grunwald's stain For Microscopy**Product code:** 413140025 **25 gr**

Loss on drying (at 105 °C) %	Max 10
Absorbance maxima at λ	1648 - 653 nm
Absorbance maxima at λ2	520 - 525 nm
Specific absorptivity A 1%/1 cm at λ1 (dried substance)	1100 - 1300
Specific absorptivity A 1%/1 cm at λ2 (dried substance)	600 - 800

Mayer's solution Laboratory Reagent**Product code:** 201320125 **125 ml**

Appearance	Pale yellow coloured solution
Suitability	Passes test

Meat extract powder

For Microbiology

Product code: DM1040500**500 gr**

Description	light yellow to brownish yellow homogeneous free flowing powder having Characteristic odour but not putrescent
Solubility	1% w/v aqueous solution remains clear without haziness after autoclaving at 15lbs pressure (121°C) for 15 minutes
pH of 1% w/v aqueous solution at 25°C	pH 6.4 ± 0.5
Assay (total nitrogen) %	Min 11.50
Amino nitrogen %	3.50
Loss on drying %	Max 5.00
Residue on ignition %	Max 20.00
Sodium chloride %	Max 5.00
Total aerobic microbial count (cfu/gm)	250.00
Total yeast and mold count (cfu/gm)	100.00

Meat liver agar

For Microbiology

Product code: DM2260500**500 gr**

Meat liver base	20.00 G/L
Dextrose	0.750 G/L
Starch	0.750 G/L
Sodium sulfite	1.200 G/L
Ferric ammonium citrate	0.500 G/L
Agar	11.00G/L
Final pH (at 25°C)	7.6 ± 0.2

Meat peptone

For Microbiology

Product code: DM1120500**500 gr**

pH (1.0% w/v aqueous solution)	6.5 ± 0.5
Total nitrogen	Min 11.5
α-amino nitrogen %	Min 3.0
Sodium chloride %	Max 6.0
Loss on drying %	Max 5.0
Residue on ignition %	Max 15.0
Total aerobic microbial count (cfu/gm)	Max 250.0
Total yeast and mold count (cfu/gm)	Max 100.0
Microbial limit test	Negative in 10 gms of sample

D-(+)-Melibiose

For Bacteriology

C₁₂H₂₂O₁₁·H₂O MW =360.32**Product code:** 513170005**C.A.S. :** 66009-10-7**5 gr****EINECS :** 209-568-6

Saccharose %	Max 0.1
Water %	3.5 - 5.0
Specific rotation (5% in H ₂ O on anhydrous Substance)	+141° to +143°

2-Mercaptoethanol

For Synthesis

C₂H₆O_S MW =78.13**Product code:** 520220100**C.A.S. :** 60-24- 2**100 ml****EINECS :** 200-464-6

Assay (By GC) %	Min 99.0
Wt. per ml at 20°C	1.15 - 1.16 g
Refractive index n _D ²⁰	1.499 - 1.502

H301-H310-H315-H317-H335-H318-H400-H410-H227
P210-P301-P310-P305-P351-P338-P361-P405-P501A

Mercury (II) chloride

Analytical Reagent
HgCl₂ MW =271.50

Product code: 313220100

C.A.S. : 7487-94-7

100 gr

EINECS : 231-299-8

Assay of Mercuric Chloride %

99.83

Description

White Powder

Soluble in ethyl ether

Complies

Residue after deduction %

0.013

Iron

Complies



H300-H310-H372-H341-H361-H314-H400-H410

P301-P310-P303-P304-P353-P305-P351-P338-P361-P405-P501a

Mercury (II) iodide red

Laboratory Reagent
HgI₂ MW =454.40

Product code: 313280100

C.A.S. : 7774-29-0

100 gr

EINECS : 231-873-8

Assay (Oxidimetric) %

Max 9.0

Chloride (Cl) %

Max 0.15

Calcium (Ca) %

Max 0.01

Magnesium (Mg) %

Max 0.01

Mercurous mercury (as Hg) %

Max 0.15

Soluble mercury compounds %

Max 0.08



H300-H310-H330-H373-H400-H410

P260-P301-P310-P304-P340-P320-P330-P361-P405-P501A

Mercury (II) oxide yellow

Laboratory Reagent
HgO MW =216.59

Product code: 313300100

C.A.S. : 21908-53-2

100 gr

EINECS : 244-654-7

Assay (Argentometric; ex Hg) %

Min 99.0

Chloride (Cl) %

Max 0.2

Calcium (Ca) %

Max 0.05

Magnesium (Mg) %

Max 0.05



H300-H310-H330-H373-H400-H410

P260-P301-P310-P304-P340-P320-P330-P361-P405-P501A

Mercury (II) sulfate

Analytical Reagent
HgSO₄ MW =296.65

Product code: 313250100

C.A.S. : 7783-35-9

100 gr

EINECS : 231-992-5

Assay (Content of HgSO₄) %

99.72 w/w

Residue after reduction %

0.0108 w/w

Chloride (Cl)

Complies

Nitrate (NO₃)

Complies

Iron (Fe)

Complies

Mercurous Mercury (as Hg) %

0.078 w/w



H300-H310-H330-H373-H400-H410

P260-P301+P310-P304-P340-P320-P330-P361-P405-P501A

meso-Inositol

For Biochemistry
C₆H₁₂O₆ MW =180.16

Product code: 101380025

C.A.S. : 87-89-8

25 gr

EINECS : 201-781-2

Assay %

Min 99

Heavy metals (as Pb) %

Max 0.001

Water %

Max 0.5

Melting range °C

224-227

Suitability for microbiology

Passes test

Methanol

Analytical Reagent
CH₃O MW =32.04

Product code: 213032500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC) %

Min 99.8

Water %

Max 0.1

Residue on Evaporation %

Max 0.001

Carbonyl Compounds %

Max 0.005

Acidity (meq/g) (meq/g)

Max 0.0005



H225-H301-H311-H331-H370

P210-P301-P310-P303-P361-P353-P361-P405-P501A

Methanol

For HPLC
CH₃O MW =32.04

Product code: 213012500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC)

Min 99.9

Water (KF) %

Max 0.05

Acidity (meq/g) (meq/g)

Max 0.0005

Residue on Evaporation %

Max 0.0005

UV - transmittion (1 cm, water): -

210 nm %

Min 60

220 nm %

Min 70

230 nm %

Min 80

240 nm %

Min 98

250 nm %

Min 99



H225-H301-H311-H331-H370

P210-P301-P310-P303-P361-P353-P361-P405-P501A



Methanol

For HPLC Gradient
CH₂O MW =32.04

Product code: 213062500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC) %	Min 99.9
Water (KF) %	Max 0.05
Acidity (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
UV - transmittion (1 cm, water):	
210 nm %	Min 65
220 nm %	Min 75
230 nm %	Min 90
240 nm %	Min 98
250 nm %	Min 99
Gradient specifications (235 nm)	
Largest peak (mAU)	Max 2
Baseline drift (mAU)	Max 15
Filtration (0,2 um)	passes test



H225-H301-H311-H331-H370
P210-P301-P310-P303-P361-P353-P361-P405-P501A

Methanol

LC-MSChrom
CH₂O MW =32.04

Product code: 201122500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC) %	Min 99.9
Water (KF) %	Max 0.05
Acidity (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
UV - transmittion (1 cm, water):	
210 nm %	Min 65
220 nm %	Min 75
230 nm %	Min 90
240 nm %	Min 98
250 nm %	Min 99
Gradient specifications (235 nm)	
Largest peak (mAU)	Max 2
Magnesium (Mg) (ppm)	Max 0.1
Potassium (K) (ppm)	Max 0.1
Sodium (Na) (ppm)	Max 0.1
Calcium (Ca) (ppm)	Max 0.1
Filtration (0.2 um)	passes test
Interfering of peak caused by impurities determined as :	
- Lindan (GC/ECD) max 10ng/l lub paration	
(GC/NPD) max 10ng/l	passes test



H225-H301-H311-H331-H370
P210-P301-P310-P303-P361-P353-P361-P405-P501A

Methanol

Laboratory Reagent
CH₂O MW =32.04

Product code: 213042500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC) %	Min 99
Water %	Max 0.3
Residue on evaporation %	Max 0.005
Acidity (meq/g)	Max 0.0005 meq/g



H225-H301-H311-H331-H370
P210-P301-P310-P303-P361-P353-P361-P405-P501A

Methanol

PESTIChrom
CH₂O MW =32.04

Product code: 212992500

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay (by GC)	Min 99.9
Water (KF) %	Max 0.1
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.0005
Interfering of peak caused by impurities determined as :	
- Lindan (GC/ECD) max 10ng/l lub paration	
(GC/NPD) max 10ng/l	passes test



H225-H301-H311-H331-H370
P210-P301-P310-P303-P361-P353-P361-P405-P501A

Methanol

For UV Spectroscopy
CH₂O MW =32.04

Product code: 213021000

C.A.S. : 67-56-1

2.5 L

EINECS : 200-659-6

Assay %	Min 99.7
IR Spectrum	Passes test
Water %	Max 0.03
Non volatile substances %	Max 0.0005
Guaranteed transmittance in 1 cm cell; Referencel water:	
At 210 nm %	Min 20
At 220 nm %	Min 50
At 230 nm %	Min 75
At 250 nm %	Min 95
From 260 nm %	Min 98



H225-H301-H311-H331-H370
P210-P301-P310-P303-P361-P405-P501A

DL-Methionine

For Biochemistry
C₅H₁₁NO₂S MW =149.21

Product code: 504370100

C.A.S. : 59-51-8

100 gr

EINECS : 200-562-9

Assay (HClO ₄ titration, on dried substance) %	99-101
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.02
Selenium (Se) %	Max 0.003
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.001
Ammonium (NH ₄) %	Max 0.0005
Loss on drying (at 105 °C) %	Max 0.5
Sulfated ash %	Max 0.1



L-Methionine

Laboratory Reagent
 $C_5H_{11}NO_2S$ MW =149.21

Product code: 504130025

C.A.S. : 63-68-3

25 gr

EINECS : 200-562-9

Assay (HClO ₄ titration) %	Min 99
Specific rotation pH 2.5% solution	+22.5° to +24° 5.5 - 6.5
Loss on drying (at 105 °C) %	Max 0.3
Residue on ignition (as SO ₄) %	Max 0.1
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.03
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin positive substances (as glycine) %	Max 0.1

Methylamine soln. 40%

Laboratory Reagent
 CH_3N MW =31.07

Product code: 413260500

C.A.S. : 74-89-5

500 ml

EINECS : 200-820-0

Assay About	40.0% w/v
Wt.per ml at 15.5°C	Abt. 0.904 g



H225-H318-H315-H332-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Methyl blue

For Microscopy
 $C_{37}H_{27}N_7O_7S_3Na_2$ MW =799.81

Product code: 413020025

C.A.S. : 28983-56-4

25 gr

Absorption maximum in 0.005M, HCl	595 - 605 nm
Specific absorptivity in 0.005M, HCl	675 - 1125
Loss on drying (at 110°C) %	Max 7
Suitability of microscopy	Passes test



H302-H315-H319-H335
P261-P305-P351-P338

Methyl green

For Microscopy
 $C_{27}H_{35}Cl_2N_3ZnCl_2$ MW =608.78

Product code: 401000010

C.A.S. : 7114-03-6

10 gr

EINECS : 230-415-4

Dye content (by titanometry) %	Min 65
Absorption maxima in water	630 - 635 nm
Zinc (Zn) %	7 - 11



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Methyl orange

Analytical Reagent
 $C_{14}H_{14}N_3NaO_3S$ MW =327.33

Product code: 413170100

C.A.S. : 547-58-0

100 gr

EINECS : 208-925-3

Dye content %	Min 95
Solubility 0.1% in water	Clear solution
Transition range (pH 3.1 - 4.4)	Pink -Orange-Yellow
Absorption maxima (pH 3.1) λ ₁	Max. 501 - 504 nm
Absorption maxima (pH 4.4) λ ₂	Max. 467 - 471 nm
Absorptivity maximum (A1%/1 cm at pH 3.1, at λ ₁ max)	1050 - 1150
Absorptivity maximum (A1%/1cm at pH 4.4, at λ ₂ max)	750 - 850
Loss on drying (at 110 °C) %	Max 3



H301
P264-P270-P301-P310-P321-P405-P501A

Methyl red

Analytical Reagent
 $C_{11}H_{15}N_3O_2$ MW =269.31

Product code: 413180025/0100

C.A.S. : 493-52-7

25 gr

100 gr

EINECS : 207-776-1

Identity	Passes test
Melting range°C	179 - 182
pH transition range (4.4 - 6.2)	Red - yellow orange
Transition interval according to ACS	Passes test
Insoluble matter in ethanol (1 gm/l)	Passes test
Absorption maxima (buffer pH 4.5)	523 - 526 nm
Absorption maxima (buffer pH 6.2)	427 - 437 nm
Loss on drying (at 110 °C) %	Max 5
Residue on ignition (as SO ₄) %	Max 2

Methyl thymol blue

Analytical Reagent

Product code: 213130005

5 gr

Appearance	Dark brown coloured powder
pH transition (4.0 - 10.0)	Red to yellow to blue

Methyl violet

For Microscopy

Product code: 213150025

C.A.S. : 8004-87-3

25 gr

Appearance	Dark green crystalline powder
Absorption maxima in ethanol	583 - 587 nm
Absorptivity (1%, 1 cm, œmax.)	Min 1600
Ratio œmax. P±15 nm	1.060 - 1.190
Loss on drying (at 110 °C) %	Max 10



H302-H319
P280-P264-P305-P351-P338-P301-P312-P337-P313-P501A

Methylene blue

Analytical Reagent
 $C_{16}H_{18}ClN_5 \cdot XH_2O$ MW=319.859 (Anhydrous)

Product code: 413120025/0100

C.A.S. : 61-73-4

EINECS : 200-515-2

25 gr
100 gr

Assay %	95 - 101
Identity	Passes test
Solubility	Passes test
Methanol insoluble substances %	Max 1
Related substances	Passes test
Iron (Fe) %	Max 0.01
Lead (Pb) %	Max 0.001
Zinc (Zn) %	Max 0.001
Sulfated ash (at 600°C) %	Max 0.25
Loss on drying (at 105°C) %	8 - 22



H302
P264-P270-P301-P312-P330-P501A

Methyl-iso-butyl ketone

Analytical Reagent
 $(CH_3)_2CHCH_2COCH_3$ MW =100.16

Product code: 204440500

C.A.S. : 108-10-1

EINECS : 203-550-1

500 ml

Assay (GC) %	Min 99
Wt. per ml at 20°C	0.799 - 0.802
Refractive index (n ₂₀)°C/D	1.395 - 1.397
Water %	Max 0.05
Acidity (CH ₃ COOH) %	Max 0.001
Non volatile matter %	Max 0.001
Copper (Cu) %	Max 0.00005
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.00005



H225-H332-H319-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Molecular sieves 4A

Laboratory Reagent

Product code: 513040250

C.A.S. : 1318-02-1

EINECS : 215-283-8

250 gr

Equilibrium H ₂ O capacity %	About 22
Water content (as shipped) %	Max 1.5
Nominal pore diameter	4 Angstrom

Molecular sieve 5A°

Laboratory Reagent

Product code: 513050250

250 gr

Bulk density	43 lb/cu ft.
Heat adsorption	Max 1800 btu/lb H ₂ O
Equilibrium H ₂ O capacity %	About 21.5
Nominal pore diameter	5 Angstrom

Molybdenum (IV) oxide

Laboratory Reagent
MoO₃ MW =143.94

Product code: 312540250

C.A.S. : 1313-27-5

EINECS : 215-204-7

250 gr

Assay (Complexometric) %	Min 99.0
Ammonium (NH ₄) %	Max 0.01
Chloride (Cl) %	Max 0.05
Sulfate (SO ₄) %	Max 0.02
Iron (Fe) %	Max 0.02
Phosphate, Arsenate, & Silicate (as) %	Max 0.02



H300-H319-H335-H351
P261-P280-P301-P310-P305-P351-P338-P405-P501A

Molybdic acid

Analytical Reagent
H₂MoO₄

Product code: 212580100

C.A.S. : 7782-91-4

EINECS : 231-970-5

100 gr

Assay (as MoO ₃) %	Min 85
Insoluble in dilute NH ₄ OH %	Max 0.01
Chloride (Cl) %	Max 0.002
Arsenate phosphate & silicate (as SiO ₂) %	Max 0.001
Phosphate (PO ₄) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.002
Heavy metals (as Pb) %	Max 0.003



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Morpholine

For Synthesis
C₄H₉NO MW =87.12

Product code: 312550500

C.A.S. : 110-91-8

EINECS : 203-815-1

500 ml

Assay (GC) %	Min 98.5
Wt. per ml at 20 °C	0.998 - 1.000 g
Refractive index (n ₂₀)°D	1.453 - 1.455
Water %	Max 0.5



H314-H226-H302-H312-H332
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

Motility Nitrate Medium

For Microbiology

Product code: DM2580500

500 gr

Peptic digest of animal tissue	5.000 G/L
Beef extract	3.000 G/L
Galactose	5.000 G/L
Potassium nitrate	1.000 G/L
Di-Sodium phosphate	2.500 G/L
Agar	3.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 1.95% w/v aqueous solution at 25°C pH 7.4 ± 0.2

D.P.X. Mountant

For Microscopy

Product code: 504310250

C.A.S. : 130-12-2

250 ml

EINECS : 219-441-7

Colour
Refractive index (n₂₀ °C\D)
Natural drying time

Water white
1.515 - 1.525
40mins



H225-H304-H312-H332-H315-H319-H336-H360Df-H371-H373-H400
P201-P210-P260-P273-P280-P301-P310

Mueller Hinton agar

For Microbiology

Product code: DM2280500

500 gr

Beef, infusion from 300.000 G/L
Casein acid hydrosate 17.500 G/L
Starch 1.500 G/L
Agar 17.000 G/L
Final pH (at 25°C) 7.3 ± 0.2
Reaction reaction of 3.80% w/v aqueous solution at 25°C

Murexide

Analytical Reagent

$C_8H_8N_6O_6$ MW =284.19

Product code: 513090025

C.A.S. : 3051-09-0

25 gr

EINECS : 221-266-6

Absorption maxima (0.001% in H₂O) About 521nm
Specific absorption (At 521nm; 1%, 1cm, water) Min 300
Sulfated ash % Max 1.0
Loss on drying (105 °C) % Max 2.0

Myristic acid

Laboratory Reagent

$C_{14}H_{28}O_2$ MW =228.38

Product code: 513070500

C.A.S. : 544-63-8

500 gr

EINECS : 208-875-2

Assay % Min 98
Melting range °C 51 - 54



H302-H315-H319-H317-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

**Finding
US** on the web

www.biochemopharma.fr

Naphthalene

Analytical Reagent
 $C_{10}H_8$ MW=128.17

Product code: 514220500

C.A.S. : 91-20-3

500 gr

EINECS : 202-049-5

Assay (GC) % Min 99.7
Melting point °C 79.5 81



H228-H351-H400-H410-H302
P210-P280-P281-P301-P312-P405-P501A

1-Naphthylamine

Laboratory Reagent
 $C_{10}H_9N$ MW =143.19

Product code: 514070500

C.A.S. : 134-32-7

500 gr

EINECS : 205-138-7

Assay (By GC) % Min 98.0
Melting point °C 47 - 50



H350-H302-H411
P281-P273-P301-P312-P308-P313-P405-P501A

Naphthol green B

For Microscopy
 $C_{30}H_{15}FeN_3Na_3O_{15}S_3$ MW =878.450

Product code: 514210025

C.A.S. : 19381-50-1

25 gr

EINECS : 243-010-2

Appearance Dark green powder
Absorption maxima in water 710 - 720 nm
Absorptivity (A 1 cm 1% λ max. water, on dried substance) Min 100
Loss on drying (at 105 °C) % Max 10

1-Naphthol

Analytical Reagent
 $C_{10}H_8O$ MW =144.17

Product code: 514090100

C.A.S. : 90-15-3

100 gr

EINECS : 201-969-4

Assay % Min 99
Melting point °C 95 - 97
Insoluble matter in methanol % Max 0.01
Iron (Fe) % Max 0.001
Chloride (Cl) % Max 0.005
Heavy metals (as Pb) % Max 0.001
2-Naphthol % Max 0.2
Naphthalene % Max 0.2
Water % Max 0.2
Sulfated ash % Max 0.01



H318-H302-H312-H335-H315
P261-P305-P351-P338-P302-P352-P321-P405-P501

Nessler's reagent

Laboratory Reagent

Product code: 514110250

C.A.S. : 7783-33-7

250 ml

EINECS : 231-990-4

Appearance Pale yellow colored solution
Sensitivity to ammonia Passes test



H300-H310-H330-H373-H400-H410
P260-P301-P310-P304-P340-P320-P330-P361-P405-P501A

Neutral Red C.I.50040

Analytical Reagent
 $C_{15}H_{17}ClN_4$ MW =288.78

Product code: 414180010/0025

C.A.S. : 553-24-2

10 gr

25 gr

EINECS : 209-035-8

Dye content (Spectrophotometry) % Min 60
Transition range (pH 6.8 - 8.0) Violet Red - Yellow
Solubility 0.1% (in 50% EtOH) Clear solution
Absorption Maximum (50 % EtOH + 2 ml Acetic Acid λ max.) 539 - 544 nm
Absorptivity (A1%, 1cm in 50% EtOH + 2 ml Acetic Acid, at λ max.) Min 900
Loss on drying (at 110 °C) % Min 12

Nickel chloride hexahydrate

Analytical Reagent
 $NiCl_2 \cdot 6H_2O$ MW =237.69

Product code: 314040500

C.A.S. : 7791-20-0

500 gr

EINECS : 231-743-0

Assay % Min 98.0
pH (5% in water) 3.5 to 5.5
Sulfate (SO_4) % Max 0.005
Lead (Pb) % Max 0.002
Calcium (Ca) % Max 0.005
Iron (Fe) % Max 0.001
Cobalt (Co) % Max 0.005
Copper (Cu) % Max 0.001
Sodium (Na) % Max 0.01
Zinc (Zn) % Max 0.001



H350-H302-H411
P281-P273-P301-P312-P308-P313-P405-P501A

2-Naphthol

Analytical Reagent
 $C_{10}H_8O$ MW =144.17

Product code: 514080100

C.A.S. : 135-19-3

100 gr

EINECS : 205-182-7

Assay % Min 99
Melting point °C 121 - 123
Chloride (Cl) % Max 0.005
Heavy metals (as Pb) % Max 0.001
Iron (Fe) % Max 0.001
1-Naphthol % Max 0.1
Naphthalene % Max 0.1
Sulfated ash % Max 0.01
Water % Max 0.2



H400-H302-H332
P261-P273-P301-P312-P304-P312-P501

Nickel oxide Laboratory Reagent
 Ni_2O_3 MW=165.39

Product code: 313500250
C.A.S. : 1314-06-3 **250 gr**

EINECS : 202-716-0

Assay (complexometric, Ni) %	Min 75
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.05
Cobalt (Co) %	Max 0.03
Zinc (Zn) %	Max 0.05



H317-H350i-H372-H413
P201-P280-P308-P313

Nitrobenzene Analytical Reagent
 $\text{C}_6\text{H}_5\text{NO}_2$ MW =123.11

Product code: 214130500
C.A.S. : 98-95-3 **500 ml**

EINECS : 202-716-0

Assay (GC) %	Min 99
Chloride (Cl) %	Max 0.0002
Residue after evaporation %	Max 0.005
Water (KF) %	Max 0.15



H301-H311-H330-H372-H351-H361-H411
P260-P301-P310-P304-P340-P320-P330-P361-P405-P501

Nickel sulfate hexahydrate Laboratory Reagent
 $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ MW =262.86

Product code: 314270500
C.A.S. : 10101-97-0 **500 gr**

EINECS : 232-104-9

Assay %	Min 98.0
Chloride (Cl) %	Max 0.01
Alkalis (as Na) %	Max 0.1
Cobalt (Co) %	Max 0.5
Iron (Fe) %	Max 0.02
Heavy metals (as Pb) %	Max 0.04



H350-H302-H411
P281-P273-P301-P312-P308-P313-P405-P501A

P-Nitrophenol Analytical Reagent
 $\text{C}_6\text{H}_5\text{NO}_3$ MW =139.11

Product code: 301710025
C.A.S. : 100-02-7 **25 gr**

EINECS : 202-811-7

pH 5.4–7.5	Colourless to Yellow
Melting range	110 - 114°C
Absorption maxima	
-buffer pH	316 - 320 nm
-buffer pH	398 - 402 nm



H373-H302-H312-H332
P260-P261-P280-P304-P340-P301-P312-P501A

Nicotinamide For Biochemistry
 $\text{C}_6\text{H}_6\text{N}_2\text{O}$ MW=122.13

Product code: 314300100
C.A.S. : 98-92-0 **100 gr**

EINECS : 202-713-4

Assay %	99 - 101
Melting range °C	128 - 131
Chloride (Cl) %	Max. 0.002
Heavy metals (as Pb) %	Max. 0.003
Nicotinic acid (TLC) %	Max. 0.2
Loss on drying at 105°C %	Max. 0.2



H319
P280-P264-P305-P351-P338-P337-P313

Nitroso-R-Salt Analytical Reagent
 $\text{C}_{10}\text{H}_5\text{O}_6\text{NS}_2\text{Na}_2$ MW =377.3

Product code: 316350025
C.A.S. : 525-05-3 **25 gr**

EINECS : 208-369-1

Assay (iodometric) %	Min 90
Residue on ignition (as SO_2) %	Max 37
Loss on drying %	Max 1
Suitability for determination of cobalt	Passes test
Sensitivity to cobalt	1:1000000



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Nitric Acid 1 M (1N) Standardized solution
traceable to NIST
 HNO_3 MW =63.01

Product code: BVS05110
C.A.S. : 7697-37-2 **1 L**

EINECS : 231-714-2

Tolerance	+/- 0.0005M
Appearance	Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314
P280 P305-P351-P338-P310

Nutrient agar For Microbiology

Product code: DM2290500 **500 gr**

Peptic digest of animal tissue	5.000 G/L
Sodium chloride	5.000 G/L
Beef extract	1.500 G/L
Yeast extract	1.500 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2 G/L
PH	7.4 ± 0.2
Reaction	reaction of 2.8% w/v aqueous solution at 25°C

N-Octanol

For Synthesis
 $C_8H_{18}O$ MW =130.23

Product code: 520430500

C.A.S. : 111-87-5

500 ml

EINECS : 203-917-6

Assay %
Water %
Free acid (octanoic acid) %
Density (d20 deg/4 °C)
Foreign alcohols %
Substances discoloured by sulfuric acid

Min 99
Max 0.1
Max 0.005
0.824 - 0.827
Max 1
Passes test



H315-H319-H227
P261-P305-P351-P338

Oleic acid

Laboratory Reagent
 $C_{18}H_{34}O_2$ MW =282.47

Product code: 115010500

C.A.S. : 112-80-1

500 ml

EINECS : 204-007-1

Sulfated ash %
Mineral acids
Iodine number
Neutral fat, mineral oils
Acid number
Peroxide value

Max 0.01
Passes test
89 - 95
Passes test
196 - 204
Max 10



H315-H319
P280-P305-P351-P338-P362-P321-P332-P313-P337-P313

Orange G indicator

For Microscopy
 $C_{16}H_{16}N_2Na_2O_7S_2$ MW =452.37

Product code: 415070025

C.A.S. : 1936-15-8

25 gr

EINECS : 217-705-6

Dye content %
Absorption maxima in water
Absorptivity
Loss on drying %

Min 80
476 - 481 nm
Min 380
Max 15

Orcein

For Microscopy

Product code: 520280005

C.A.S. : 1400-62-0

5gr

EINECS : 215-750-6

Appearance
Absorption in NaOH 0.01 Mol/L
Specific absorptivity
Loss on drying %

Black colored powder
575 - 582 nm
Min 500
Max 7



H301
P264-P270-P301-P310-P321-P405-P501A

Oxalic Acid 0.5 M (1N)

Standardized solution
traceable to NIST
 $C_2H_2O_4 \cdot 2H_2O$ MW =126.07

Product code: BVS06010

C.A.S. : 6153-56-6

1 L

EINECS : 205-634-3

Tolerance
Appearance
The standardisation material (sodium hydroxide) is a secondary reference material traceable to NIST Standard Reference Material potassium hydrogen phthalate, number 841.

+/- 0.0005M
Clear solution



H314-H302-H312
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Oxalic acid

Analytical Reagent
 $C_2H_2O_4 \cdot 2H_2O$ MW =126.07

Product code: 115030500

C.A.S. : 6153-56-6

500 gr

EINECS : 205-634-3

Assay %
Insoluble matter %
Chloride (Cl) %
Sulfate (SO₄) %
Total nitrogen (N) %
Reaction against sulfuric acid
Heavy metals (as Pb) %
Calcium (Ca) %
Iron (Fe) %
Residue on ignition (at 800 °C) %

Min 99.5
Max 0.005
Max 0.0005
Max 0.005
Max 0.001
Passes test
Max 0.0005
Max 0.001
Max 0.0002
Max 0.01



H314-H302-H312
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Finding US on the web

www.biochemopharma.fr

Paraffin liquid For IR Spectroscopy

Product code: 203330100
C.A.S. : 8012-95-1 **100 ml**
EINECS : 232-384-2

Wt per ml at 20 °C About 0.88 g

Paraffin liquid colourless, heavy Laboratory Reagent

Product code: 203100500
C.A.S. : 8012-95-1 **500 ml**
EINECS : 232-384-2

Wt. per ml at 20 °C 0.860 - 0.890 g
 Kinematic viscosity at 37.8 °C Min 64 cS

Paraffin liquid colourless, light Laboratory Reagent

Product code: 203320500
C.A.S. : 8012-95-1 **500 ml**
EINECS : 232-384-2

Wt. per ml at 20 °C 0.830 - 0.860 g
 Kinematic viscosity at 37.8 °C Max 30 cS

Paraffin wax 56-58 °C For Histology

Product code: 203910500 **500 gr**
C.A.S. : 8002-74-2

Solidification point °C 56 - 58
 Impurities with an acidic or alkaline reaction Passes test
 Aromatic polycyclic hydrocarbons Passes test
 Reaction against sulfuric acid Passes test
 Sulfated ash % Max 0.05

Paraffin wax 58-60 °C Laboratory Reagent

Product code: 203171000 **1 kg**
C.A.S. : 8002-74-2

Solidification point °C 58 - 60

Paraffin wax 60-62 °C Laboratory Reagent

Product code: 203281000 **1 kg**
C.A.S. : 8002-74-2

Solidification point °C 60 - 62
 Sulfated ash % Max 0.05

Paraffin wax pellets 58 °C-60 °C Laboratory Reagent

Product code: 203311000 **1 kg**
C.A.S. : 8002-74-2

Melting range °C 58 - 60
 Residue on ignition % Max 0.05

Paraformaldehyde Laboratory Reagent
(H.CHO)_n

Product code: 203190500 **500 gr**
C.A.S. : 30525-89-4
EINECS : 200-001-8

Assay (as HCHO) % Min 95
 Identity Passes test
 Sulfated ash % Max 0.05
 Heavy metals (as Pb) % Max 0.001



H314-H318-H228-H351-H302-H332-H317
 P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

Patent blue V (VF) For Microscopy
 $C_{27}H_{31}N_2NaO_6S_2$ MW=566.66

Product code: 313350010 **10 gr**
C.A.S. : 129-17-9

Appearance Dark blue powder
 Absorption maxima 637 - 639 nm

Patton and Reeder's reagent Analytical Reagent
 $C_{21}H_{14}N_2O_7S$ MW=438.42

Product code: 203240025 **25 gr**
C.A.S. : 3737-95-9
EINECS : 223-117-0

Absorption maxima 569 - 572 nm
 Absorptivity (at λ .max.) Min 250
 Loss on drying at 135 °C % Max 7
 Suitability as complexometric indicator Passes test



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Pectin Laboratory Reagent
 MW=300000-1000000

Product code: 203160100 **100 gr**
C.A.S. : 9000-69-5
EINECS : 232-553-0

Water % Max 10.0
 Ash % Max 7.0
 Degree of esterification % 63 - 66
 Methoxyl content % 6-10

n-Pentane 95 % For Synthesis
 C_5H_{12} MW=72.15

Product code: 516321000 **1 L**
C.A.S. : 109-66-0
EINECS : 203-692-4

Assay % Min 95.0
 Water (KF) % Max 0.05
 Acidity (meq/g) (meq/g) Max 0.0005
 Residue on Evaporation % Max 0.005



H225-H304-H336-H411-EUH066
 P210-P243-P280-P273-P301-P331-P304-P340-P309-P310

Pepsin 1:3000

Laboratory Reagent

Product code: 516190100**C.A.S. :** 9001-75-6**100 gr****EINECS :** 232-629-3

Appearance Off white to pale yellow coloured powder
 Loss on drying % Max 5
 Ash % Max 5
 pH 3 - 5
 Activity 0.8 Anson units/mg



H334-H315-H319-H335

P285-P261-P280-P305-P351-P338-P405-P501A

Peptone

For Microbiology

Product code: DM1050500**500 gr**

pH (1% w/v aqueous solution) 25°C 5.5 - 7.21

Typical cultural response after 18 - 48 hours at 35 °C

E. Coli good
 Klebsiella good
 Proteus good
 S.aureus good

Biochemical test

MR + ve
 VP ± ve
 Nitrate reduction - ve
 Carbohydrate fermentation - ve

Peptone M

For Microbiology

Product code: DM1170500**500 gr**

pH (1% w/v aqueous solution) 25°C 7.0 ± 0.5

Typical cultural response after 18 - 48 hours at 35 °C

E. Coli luxuriant
 Salmonella luxuriant
 S.aureus luxuriant
 Pseudomonas luxuriant

Peptone Water

For Microbiology

Product code: DM2300500**500 gr**

Peptic digest of animal tissue 10.000 G/L
 Sodium chloride 5.000 G/L
 Final pH (at 25°C) 7.2 ± 0.2
 pH range 7.00 - 7.40
 Reaction reaction of 1.5% w/v aqueous solution at 25°C pH 7.2 ± 0.2

Perchloric Acid 0.1 M (0.1N)

Standardized solution
 traceable to NIST
 HClO₄ MW =100.46

Product code: BVS06101**C.A.S. :** 7601-90-3**1 L****EINECS :** 231-512-4

H272-H314-H226

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Perchloric Acid 1 M (1N)

Standardized solution
 traceable to NIST
 HClO₄ MW =100.46

Product code: BVS06110**C.A.S. :** 7601-90-3**1 L****EINECS :** 231-512-4

H272-H314-H226

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Perchloric acid 70%

Analytical Reagent
 HClO₄ MW=100.46

Product code: 116000500**C.A.S. :** 7601-90-3**500 ml****EINECS :** 231-512-4

Assay % 69 - 72
 Chloride (Cl) % Max 0.001
 Heavy metals (as Pb) % Max 0.0001
 Iron (Fe) % Max 0.0001
 Nitrogen compound (N) % Max 0.001
 Residue after ignition % Max 0.003
 Silicate & phosphate (as SiO₂) % Max 0.0005
 Sulfate (SO₄) % Max 0.001



H272-H314-H226

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Periodic acid

Analytical Reagent
 H₅IO₆ MW=227.94

Product code: 101090025**C.A.S. :** 10450-60-9**25 gr****EINECS :** 233-937-0

Assay % Min 99.5
 Residue on ignition % Max 0.2
 Foreign halogens (as Cl) % Max 0.01
 Iodide (I) % Max 0.001
 Sulfate (SO₄) % Max 0.01



H272-H314

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Periodic acid

For Synthesis
 H₅IO₆ MW=227.94

Product code: 101520025**C.A.S. :** 10450-60-9**25 gr****EINECS :** 233-937-0

Assay (iodometric) % Min 99
 Melting point ° C 124 - 127




H272-H314

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Petroleum ether 40 - 60 °C Analytical Reagent

Product code: 216132500
C.A.S. : 101316-46-5 **2.5 L**
EINECS : 232-453-7

Water % Max 0.02
 Acidity (meq/g) (meq/g) Max 0.0005
 Residue on Evaporation % Max 0.001
 Sulfur Compounds % Max 0.002




H224-H340-H350-H304
 P210-P280-P301-P310-P303-P361-P353-P405-P501A

Petroleum ether 40 - 60 °C For Synthesis

Product code: 216052500
C.A.S. : 101316-46-5 **2.5 L**
EINECS : 232-453-7

Water % Max 0.05
 Acidity (meq/g) (meq/g) Max 0.0005
 Residue on Evaporation % Max 0.005




H224-H340-H350-H304
 P210-P280-P301-P310-P303-P361-P353-P405-P501A

Petroleum ether 40 - 60 °C For HPLC & Spectroscopy

Product code: 216161000
C.A.S. : 8032-32-4 **1 L**
EINECS : 232-453-7

Moisture content (KF) % Max 0.01
 Non volatile Matter ~ % 0.0001
 Maximum Absorption (1 cm cell v/s H₂O) at 200 nm Max 1.000




H224-H340-H350-H304
 P210-P280-P301-P310-P303-P361-P353-P405-P501A

1,10-Phenanthroline hydrochloride Analytical Reagent
 $C_{12}H_9ClN_2 \cdot H_2O$ MW=234.69

Product code: 216070005
C.A.S. : 18851-33-7 **5 gr**
EINECS : 223-325-1

Assay (by acidimetry) % Min 99.5
 Water % 7-8.5
 Sulfated ash % Max 0.2




H315-H319
 P280-P302-P352-P305-P351-P338-P321-P332-P313-P362

1,10-Phenanthroline monohydrate Analytical Reagent
 $C_{12}H_9N_2 \cdot H_2O$ MW=198.23

Product code: 216120005
C.A.S. : 5144-89-8 **5 gr**
EINECS : 200-629-2

Assay % Min 99.5
 Melting point °C 17 - 119
 Molar adsorptivity of fe complex Min 11700
 Sensitivity to iron 1:10,000,000
 Melting point (on dried substance) °C 117 - 120
 Sulfated ash % Max 0.05




H304-H400-H410
 P273-P264-P301-P321-P405-P501

Phenol For Molecular Biology
 C_6H_6O MW =94.11

Product code: 516230100
C.A.S. : 108-95-2 **100 gr**
EINECS : 203-632-7

Assay % Min 99.5
 Solubility 5% aq. solution clear & colourless
 Melting point °C 40 - 41
 pH 5% aqueous solution 4.5 - 6.0
 Non volatile matter % Max 0.01
 Chloride (Cl) % Max 0.0005
 Sulfate (SO₄) % Max 0.005
 Iron (Fe) % Max 0.0001
 Heavy metals (as Pb) % Max 0.0001
 Water % Max 0.02




H301-H311-H314-H341-H373
 P262-P280-P302-P352-P305-P351-P338-P309-P310

Phenol detached crystals Analytical Reagent
 C_6H_5OH MW =94.11

Product code: 516130500
C.A.S. : 108-95-2 **500 gr**
EINECS : 203-632-7

Assay (GC) % Min 99.5
 Freezing point ° C 40 41
 Insoluble matter % Max 0.005
 Non-volatile matter % Max 0.02
 Chloride (Cl) % Max 0.0005
 Iron (Fe) % Max 0.0001
 Lead (Pb) % Max 0.001
 Tarry matter No reaction
 Water % Max 0.5



H301-H311-H331-H314-H341-H373
 P260-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Phenol red agar base	For Microbiology
Product code: DM2590500	500 gr
Proteose peptone	20.000 G/L
Beef extract	10.000 G/L
Agar	10.000 G/L
Sodium chloride	10.000 G/L
Phenol red	11.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 3.1% w/v aqueous solution at 25°C pH 7.4 ± 0.2

Phenol red	Analytical Reagent
Product code: 416060005/0025	$C_{19}H_{14}O_2S$ MW=354.38
C.A.S. : 143-74-8	5 gr
EINECS : 205-609-7	25 gr
Transition range pH 6.5 - 8.2	Yellow - Reddish violet
Absorption Max.(pH 6.5) λ 1max.	430 - 435 nm
Absorption Max.(pH 8.2) λ 2max.	557 - 560 nm
Loss on drying (at 110°C) %	Max 5



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Phenol red dextrose agar	For Microbiology
Product code: DM2600500	500 gr
Proteose peptone	10.000 G/L
Beef extract	1.000 G/L
Agar	15.000 G/L
Sodium chloride	5.000 G/L
Dextrose	10.000 G/L
Phenol red	0.025 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 4.1% w/v aqueous solution at 25°C pH 7.4 ± 0.2

Phenol red lactose agar	For Microbiology
Product code: DM2610500	500 gr
Proteose peptone	10.000 G/L
Beef extract	1.000 G/L
Agar	15.000 G/L
Sodium chloride	5.000 G/L
Lactose	10.000 G/L
Phenol red	0.025 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60

DL-Phenylalanine	For Biochemistry
Product code: 516270025	$C_9H_{11}NO_2$ MW=165.19
C.A.S. : 150-30-1	25 gr
EINECS : 205-756-7	
Assay %	Min 99
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin-positive substances (as glycine) %	Max 0.1

L-Phenylalanine	For Biochemistry
Product code: 516280025	$C_9H_{11}NO_2$ MW=165.19
C.A.S. : 63-91-2	25 gr
EINECS : 200-568-1	
Assay (HClO ₄ titration) %	Min 99
Specific optical rotation (20 g/l, water calc.on dried substances)	- 33.0° to -34.7°
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin-positive substances (as glycine) %	Max 0.1

Phloxin B	For Microscopy
Product code: 516220025	25 gr
C.A.S. : 18472-84-2	
Absorption maxima (In 50% ethanol)	546 - 550 nm
Absorptivity (1cm, λ max)	Min 750.0
Loss on drying at 110°C %	Max 10.0

Phosphomolybdic acid	Analytical Reagent
Product code: 116030025	$C_{10}H_8N_2$ MW =156.19
C.A.S. : 51429-74-4	25 gr
EINECS : 234-713-5	
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.025
Heavy metals (Pb) %	Max 0.005
Iron (Fe) %	Max 0.005
Calcium (Ca) %	Max 0.02
Ammonium (NH ₄) %	Max 0.01



H272-H314
P221-P280-P305-P351-P338-P308-P313-P501a

Phosphoric acid	Analytical Reagent
Product code: 116162500	H_3PO_4 MW =98
C.A.S. : 7664-38-2	2.5 L
EINECS : 231-633-2	
Assay %	Min 85
Wt.per ml at 20 °C	About 1.71 g
Chloride (Cl) %	Max 0.0005
Nitrate (NO ₃) %	Max 0.0005
Silicate (SiO ₂) %	Max 0.025
Sulfate (SO ₄) %	Max 0.002
Arsenic (As) %	Max 0.0001
Calcium (Ca) %	Max 0.004
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.0015
Lead (Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.004
Manganese (Mn) %	Max 0.0005
Potassium (K) %	Max 0.005
Substances reducing KMnO ₄ %	Max 0.001
Volatile acids (as CH ₃ COOH) %	Max 0.001
Zinc (Zn) %	Max 0.002



H314
P260-P301-P330-P331-P303-P361-P353-P305-P351-P338-P405-P501

Phosphoric acid

Laboratory Reagent
 H_3PO_4 MW =98

Product code: 116042500

C.A.S. : 7664-38-2

2.5 L

EINECS : 231-633-2

Assay (acidimetric) %	85 - 88
Volatile acids (as CH_3COOH) %	Max 0.001
Lead (Pb) %	Max 0.001
Chloride (Cl) %	Max 0.005
Fluoride (F) %	Max 0.001
Nitrate (NO_3) %	Max 0.0005
Potassium (K) %	Max 0.005
Phosphite, hypophosphite (as H_3PO_3) %	Max 0.02
Sulfate (SO_4) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0002
Iron (Fe) %	Max 0.005
Copper (Cu) %	Max 0.002
Sodium (Na) %	Max 0.05
Zinc (Zn) %	Max 0.002



H314

P260-P301-P330-P331-P303-P361-P353-P305-P351-P338-P405-P501

Phosphorous oxychloride

Laboratory Reagent
 $POCl_3$ MW =153.33

Product code: 116080500

C.A.S. : 10025-87-3

500 ml

EINECS : 233-046-7

Assay %	Min 99
Copper (Cu) %	Max 0.00005
Nickel (Ni) %	Max 0.0001
Iron (Fe) %	Max 0.00005
Lead (Pb) %	Max 0.0001
Density (d ₂₀ ^{°C} /4 ^{°C})	About 1.7



H330-H302-H372-H314

P260-P303-P361-P353-P304-P340-P305-P351-P338-P320-P330-P405-P501A

Phosphotungstic acid

Analytical Reagent
 $H_3PO_4 \cdot 12WO_3 \cdot xH_2O$ W=2880.20(anhy)

Product code: 116140100

C.A.S. : 12501-23-4

100 gr

Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.01
Total nitrogen (N) %	Max 0.002
Lead (Pb) %	Max 0.002
Iron (Fe) %	Max 0.002
Potassium (K) %	Max 0.02
Copper (Cu) %	Max 0.001
Sodium (Na) %	Max 0.02
Loss on ignition at 750 ^{°C} %	Max 17



H314

P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Phthalic acid

Analytical Reagent
 $C_8H_6O_4$ MW=166.13

Product code: 116100500

C.A.S. : 88-99-3

500 gr

EINECS : 201-873-2

Assay (alkalimetric) %	Min 99.5
Substances insoluble in Na_2CO_3 solution %	Max 0.05
Iron (Fe) %	Max 0.001
Chloride (Cl) %	Max 0.001
Sulfate (SO_4) %	Max 0.005
Nitrate (NO_3) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Water %	Max 0.2
Sulfated ash %	Max 0.02



H315-H319-H335

P261-P305-P351-P338-P302-P352-P321-P405-P501

Plate count agar PCA

For Microbiology

Product code: DM2310500

500 gr

Casein enzymic hydrolysate	5.000 G/L
Yeast extract	2.500 G/L
Dextrose	1.000 G/L
Agar	15.000 G/L
Final pH (at 25 ^{°C})	7.0 ± 0.2
pH range	6.80 - 7.20
Reaction	reaction of 2.35% w/v aqueous solution at 25 ^{°C} pH 7.0 ± 0.2

Polyethyleneglycol 200

For Synthesis

$HO(C_2H_4O)_nH$ MW=190-200

Product code: 504200500

C.A.S. : 25322-68-3

500 ml

EINECS : 203-473-3

Hydroxyl number	535 - 590
Density (d ₂₀ ^{°C} /4 ^{°C})	1.124 - 1.126

Polyethyleneglycol 300

For Synthesis

Product code: 301470500

C.A.S. : 25322-68-3

500 ml

EINECS : 203-473-3

Density (d ₂₀ ^{°C} /4 ^{°C})	1.125 - 1.127
Refractive index n ₂₀ [°] /D	~1.465
Viscosity (at 20 ^{°C})	~95 mPas

Polyethyleneglycol 400

For Synthesis

$HO(C_2H_4O)_nH$ MW=380-420

Product code: 301460500

C.A.S. : 25322-68-3

500 ml

EINECS : 203-473-3

Hydroxyl number	267 - 295
Density (d ₂₀ ^{°C} /4 ^{°C})	1.126 - 1.128
Acidity (as acetic acid) %	Max 0.05
Viscosity (at 20 ^{°C})	85 - 105 cS

Polyethyleneglycol 600

For Synthesis
HO(C₂H₄O)_nH MW=570-630

Product code: 301610500
C.A.S. : 25322-68-3 **500 ml**
EINECS : 203-473-3

Melting point °C 17 23
Density (d₂₀ d°C/4°C) 1.126 - 1.128
Refractive index n₂₀ °C/D About 1.469
Viscosity (at 20°C) 150 - 190mPas

Polyethyleneglycol 4000

For Synthesis
HO(C₂H₄O)_nH MW=3500-4000

Product code: 516400500
C.A.S. : 25322-68-3 **500 gr**
EINECS : 203-473-3

Appearance White to creamy white, wax-like solid or flakes
Description White or creamy white wax like solid or flakes
pH of 5% solution 4.5 - 7.5
Freezing point °C 53 58
Color of solution (20% in water) Passes test
Arsenic (As) % Max 0.0003
Heavy metals (as Pb) % Max 0.0005
Sulfated ash % Max 0.1

Polyethyleneglycol 6000

For Synthesis
HO(C₂H₄O)_nH MW=5000-7000

Product code: 516600500
C.A.S. : 25322-68-3 **500 gr**
EINECS : 203-473-3

Appearance White to creamy white, wax-like solid or flakes
Description White or creamy white wax like solid or flakes
pH of 5% solution 4.5 - 7.5
Freezing point °C 56 60
Color of solution (20% in water) Passes test
Arsenic (As) % Max 0.0003
Heavy metals (as Pb) % Max 0.0005
Sulfated ash % Max 0.1

Polyvinyl alcohol

For Synthesis
(-C₂H₄O)_n

Product code: 516170500
C.A.S. : 9002-89-5 **500 gr**

Degree of polymerisation 1700 - 1800
Viscosity 25 - 32 cps
Hydrolysis (mole %) 98 - 99
Volatile matter % Max 5
Ash % Max 0.7
pH (0.2% in water) 5 - 7

Polyvinyl pyrrolidone k-30

Laboratory Reagent
(C₆H₇NO)_n Avg.MW=40.000

Product code: 516160100
C.A.S. : 9003-39-8 **100 gr**

pH (5% aqueous solution) 3.0 - 7.0
Sulfated ash % Max 0.05
Heavy metals (Pb) % Max 0.001
1% solids w/v aq soln viscosity % 26 - 35
Nitrogen content (N) % 11.5 - 12.5
Vinyl pyrrolidone % Max 0.8
Water (KF) % Max 5.0

Ponceau S

For Electrophoreise
C₂₂H₁₂N₄Na₂O₃S₄ MW=760.56

Product code: 416190025
C.A.S. : 6226-79-5 **25 gr**
EINECS : 228-319-2

Absorption maximum in water 517 - 523 nm
Specific absorptivity Min 460
Loss on drying (at 110°C) % Max 10
Suitability for electrophoresis Passes test



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Potassium acetate

Analytical Reagent
CH₃COOK MW=98.14

Product code: 314600500
C.A.S. : 127-08-2 **500 gr**
EINECS : 204-822-2

Assay % Min 99
Insoluble matter % Max 0.005
Reaction pH 6.5 - 9.0
Chloride (Cl) % Max 0.001
Phosphate (PO₄) % Max 0.001
Sulfate (SO₄) % Max 0.002
Aluminium (Al) % Max 0.0005
Ammonium (NH₄) % Max 0.0005
Calcium (Ca) % Max 0.002
Copper (Cu) % Max 0.0002
Iron (Fe) % Max 0.0005
Heavy metals (Pb) % Max 0.0005
Magnesium (Mg) % Max 0.002
Sodium (Na) % Max 0.03

H303
P312

Potassium acetate

For Molecular Biology
CH₃COOK MW=98.14

Product code: 314690500
C.A.S. : 127-08-2 **500 gr**
EINECS : 204-822-2

Assay (T) % Min 99
DNases/RNases/Proteases Not detectable
Solubility (at 20 °C) 2530 g/L
pH (5%; H₂O at 20 °C) 7.5 - 8.5
Chloride (Cl) % Max 0.005
Nitrate (NO₃) % Max 0.005
Sulfate (SO₄) % Max 0.001
Arsenic (As) % Max 0.0001
Calcium (Ca) % Max 0.001
Copper (Cu) % Max 0.0001
Iron (Fe) % Max 0.0005
Sodium (Na) % Max 0.5
Lead (Pb) % Max 0.0001
Zinc (Zn) % Max 0.005

H303
P312

Potassium bicarbonate

Laboratory Reagent
KHCO₃ MW=100.12

Product code: 314660500/1000

C.A.S. : 298-14-6

EINECS : 206-059-0

500 gr
1 kg

Assay (by acidimetry) %	99.5 - 101
pH (1%, water)	8 - 8.6
Carbonate (as K ₂ CO ₃)	Passes test
Chloride (Cl) %	Max 0.015
Sulfate (SO ₄) %	Max 0.01
Arsenic (As) %	Max 0.0002
Heavy metals (as Pb) %	Max 0.0005
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.001
Copper (Cu) %	Max 0.0005
Sodium (Na) %	Max 0.5
Zinc (Zn) %	Max 0.0025
Loss on drying (silica gel) %	Max 0.3

Potassium bromate

Analytical Reagent
KBrO₃ MW =167.00

Product code: 314540500

C.A.S. : 7758-01-2

EINECS : 231-829-8

500 gr

Assay (by iodometry) %	Min 99.8
pH (5% water)	5 - 9
Insoluble matter %	Max 0.005
Bromide (Br) %	Max 0.02
Total nitrogen (N) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Sodium (Na) %	Max 0.01



H271-H301-H350
P221-P283-P210-P301-P310-P405-P501A

Potassium bromide

Analytical Reagent
KBr MW=119.00

Product code: 316020500

C.A.S. : 7758-02-3

EINECS : 231-830-3

500 gr

Assay (by argentometry) %	Min 99.5
Insoluble matter %	Max 0.005
pH (5% water) %	5.0 - 8.8
Bromate (BrO ₃) %	Max 0.001
Iodate (IO ₃) %	Max 0.001
Chloride (Cl) %	Max 0.1
Iodide (I) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Total Nitrogen (N) %	Max 0.001
Heavy metals (as Pb) %	Max 0.0005
Barium (Ba) %	Max 0.002
Calcium (Ca) %	Max 0.002
Iron (Fe) %	Max 0.0005
Magnesium (Mg) %	Max 0.001
Sodium (Na) %	Max 0.02
Loss on drying (at 105 °C) %	Max 0.5

Potassium bromide

Laboratory Reagent
KBr MW=119.00

Product code: 316510500

C.A.S. : 7758-02-3

EINECS : 231-830-3

500 gr

Assay (argentometric) %	Min 99
pH (5% water) %	5 - 8
Chloride (Cl) %	Max 0.45
Iodide (I) %	Max 0.02
Sulfate (SO ₄) %	Max 0.005
Bromate (BrO ₃) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Magnesium (Mg) %	Max 0.002
Calcium (Ca) %	Max 0.005
Barium (Ba) %	Max 0.0025
Sodium (Na) %	Max 0.15
Loss on drying (at 105 °C) %	Max 0.5

Potassium carbonate anhydrous

Analytical Reagent
K₂CO₃ MW =138.21

Product code: 316110500

C.A.S. : 584-08-7

EINECS : 209-529-3

500 gr

Assay (after drying at 300°C) %	99.5 - 100.5
Insoluble matter %	Max 0.01
Loss on drying (at 300 °C) %	Max 0.5
Sulfur compounds (as SO ₄) %	Max 0.004
Chloride (Cl) %	Max 0.002
Phosphate (PO ₄) %	Max 0.001
Silicate (SiO ₂) %	Max 0.005
Calcium (Ca) %	Max 0.001
Iron (Fe) %	Max 0.0005
Magnesium (Mg) %	Max 0.0005
Sodium (Na) %	Max 0.02
Heavy metal (as Pb) %	Max 0.0005



H302-H319
P280-P264-P305-P351-P338-P301-P312-P337-P313-P501A

Potassium Chloride 1 M (1N)

Standardized solution
traceable to NIST
KCl MW =74.55

Product code: BVS07010

C.A.S. : 7447-40-7

EINECS : 231-211-8

1 L



Potassium chloride

Analytical Reagent
KCl MW=74.55

Product code: 316030500

C.A.S. : 7447-40-7

500 gr

EINECS : 231-211-8

Assay %	Min 99.5
pH of 5% w/v aqueous solution	5.0 - 8.0
Loss on drying (at 150°C) %	Max. 0.2
Insoluble matter %	Max 0.003
Acidity (as HCl) %	Max 0.003
Alkalinity (as KOH) %	Max 0.005
Sulfate (SO ₄) %	Max 0.003
Total Nitrogen (N) %	Max 0.001
Arsenic (As) %	Max 0.0001
Aluminium (Al) %	Max 0.0001
Barium (Ba) %	Max 0.001
Bromide (Br) %	Max 0.01
Iodide (I) %	Max 0.002
Phosphate (PO ₄) %	Max 0.0005
Calcium (Ca) %	Max 0.001
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.0002
Lead (Pb) %	Max 0.0002
Magnesium (Mg) %	Max 0.0005
Magnesium & alkaline earth metals %	Max 0.02

Potassium Chromate 0.0333M (0.1N)

Standardized solution
traceable to NIST
K₂CrO₄ MW=194.20

Product code: BVS08001

C.A.S. : 7789-00-6

1 L

EINECS : 232-140-5



H340-H350-H400-H410-H315-H319-H317-H335
P261-P280-P281-P305-P351-P338-P405-P501A

Potassium chromate

Analytical Reagent
K₂CrO₄ MW=194.20

Product code: 316080500

C.A.S. : 7789-00-6

500 gr

EINECS : 232-140-5

Assay (by iodometry) %	Min 99.5
Water insoluble matter %	Max 0.005
pH (5% water)	9.0 - 9.8
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.01
Lead (Pb) %	Max 0.005
Calcium (Ca) %	Max 0.005
Sodium (Na) %	Max 0.05



H340-H350-H400-H410-H315-H319-H317-H335
P261-P280-P281-P305-P351-P338-P405-P501A

Potassium dichromate

Analytical Reagent
K₂Cr₂O₇ MW =294.18

Product code: 316040500

C.A.S. : 7778-50-9

500 gr

EINECS : 231-906-6

Assay (by iodometry) %	Min 99.9
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Lead (Pb) %	Max 0.005
Calcium (Ca) %	Max 0.002
Iron (Fe) %	Max 0.002
Copper (Cu) %	Max 0.001
Sodium (Na) %	Max 0.02
Loss on drying (at 105°C) %	Max 0.05



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium Dichromate 0.0167M (0.1N)

Standardized solution
traceable to NIST
K₂Cr₂O₇ MW =294.18

Product code: BVS08101

C.A.S. : 7778-50-9

1 L

EINECS : 231-906-6



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium dichromate 0.167M (1N)

Standardized solution
traceable to NIST
K₂Cr₂O₇ MW =294.18

Product code: BVS08110

C.A.S. : 7778-50-9

1 L

EINECS : 231-906-6



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium dichromate

Laboratory Reagent
K₂Cr₂O₇ MW =294.18

Product code: 316540500/1000

C.A.S. : 7778-50-9

**500 gr
1 kg**

EINECS : 231-906-6

Assay (Iodometric) %	Min 99.5
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Calcium (Ca) %	Max 0.005
Sodium (Na) %	Max 0.2
Loss on drying at 105°C %	Max 0.5



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium dihydrogen orthophosphate
anhydrous

Analytical Reagent
 KH_2PO_4 MW =136.09

Product code: 316090500

C.A.S. : 7778-77-0

500 gr

EINECS : 231-913-4

Assay (by acidimetry) %	Min 99.5
pH (5% water @ 25 °C)	4.1 - 4.5
Insoluble matter in water %	Max 0.01
Chloride (Cl) %	Max 0.001
Sulfate (SO_4) %	Max 0.003
Total Nitrogen (N) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Sodium (Na) %	Max 0.005
Loss on drying @ 105°C for 2 hrs %	Max 0.2



H315-H319
P280-P305-P351-P338-P362-P321-P332-P313-P337-P313

Potassium dihydrogen orthophosphate
anhydrous

Laboratory Reagent
 KH_2PO_4 MW =136.09

Product code: 316550500

C.A.S. : 7778-77-0

500 gr

EINECS : 231-913-4

Assay (by acidimetry, on dried substance) %	98 - 100.5
Insoluble substance %	Max 0.2
pH (10% water)	4.2 - 4.5
Chloride (Cl) %	Max 0.02
Sulfate (SO_4) %	Max 0.03
Fluoride (F) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Arsenic (As) %	Max 0.0002
Iron (Fe) %	Max 0.001
Copper (Cu) %	Max 0.0025
Sodium (Na) %	Max 0.1
Zinc (Zn) %	Max 0.0025
Reducing substances by KMnO_4 (as O) %	Max 0.04
Substances insoluble in water %	Max 0.2
Loss on drying (at 130 °C) %	Max 1



H315-H319
P280-P305-P351-P338-P302-P352-P321-P362-P332-P313

Potassium ferricyanide

Analytical Reagent
 $\text{K}_3[\text{Fe}(\text{CN})_6]$ MW=329.25

Product code: 316050500

C.A.S. : 13746-66-2

500 gr

EINECS : 237-323-3

Assay (by iodometry) %	Min 99.0
Insoluble matter in water %	Max 0.005
Chloride (Cl) %	Max 0.01
Hexacyanoferrate (II) ($\text{Fe}(\text{CN})_6$ -4) %	Max 0.05
Sulfate (SO_4) %	Max 0.01

H303
P312

Potassium ferricyanide

Laboratory Reagent
 $\text{K}_3[\text{Fe}(\text{CN})_6]$ MW=329.25

Product code: 316560500

C.A.S. : 13746-66-2

500 gr

EINECS : 237-323-3

Assay %	Min 98.0
Insoluble matter %	Max 0.025
Chloride (Cl) %	Max 0.05
Sulfate (SO_4) %	Max 0.02

H303
P312

Potassium ferrocyanide trihydrate Analytical Reagent
 $\text{K}_4[\text{Fe}(\text{CN})_6] \cdot 3\text{H}_2\text{O}$ MW=422.39

Product code: 316060500

C.A.S. : 14459-95-1

500 gr

EINECS : 237-722-2

Assay (by cerimetry) %	98.5 - 102
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.01
Sulfate (SO_4) %	Max 0.01

H402-H412
P273-P501A

Potassium fluoride anhydrous Analytical Reagent
KF MW =58.10

Product code: 314670500

C.A.S. : 7789-23-3

500 gr

EINECS : 232-151-5

Assay %	Min 99
Insoluble matter %	Max 0.005
Acidity %	Max 0.05
Alkalinity %	Max 0.05
Chloride (Cl) %	Max 0.005
Hexafluoro silicate (SiF_6) %	Max 0.05
Sulfate (SO_4) %	Max 0.005
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001



H301-H311-H331
P261-P280-P301-P310-P361-P405-P501A

di-Potassium hydrogen orthophosphate For Molecular Biology
anhydrous K_2HPO_4 MW =174.18

Product code: 304090500

C.A.S. : 7758-11-4

500 gr

EINECS : 231-834-5

Assay (Acidimetric) %	Min 99.50
Chloride (Cl) %	Max 0.003
Iron (Fe) %	Max 0.001
Abs. (A 0.1 mol/L/cm) at 260 nm	Max 0.01
Abs. (A 0.1 mol/L/cm) at 280 nm	Max 0.01
Heavy metals (as Pb) %	Max 0.0005



H319
P280-P264-P305-P351-P338-P337-P313

di-Potassium hydrogenphosphate anhydrous Analytical Reagent
 K_2HPO_4 MW =174.18

Product code: 304110500

C.A.S. : 7758-11-4

500 gr

EINECS : 231-834-5

Assay %
pH of 5% solution at 25 °C
Chloride (Cl) %
Heavy metals (as Pb) %
Insoluble matter %
Iron (Fe) %
Loss on drying at 105 °C
Nitrogen compounds (as N) %
Sodium (Na) %
Sulfate (SO₄) %

Min 99
8.7 - 9.6
Max 0.003
Max 0.0005
Max 0.01
Max 0.001
Max 1
Max 0.001
Max 0.5
Max 0.005



H319
P280-P264-P305-P351-P338-P337-P313

Potassium hydroxide pellets Analytical Reagent
KOH MW =56.11

Product code: 316250500/1000

C.A.S. : 1310-58-3

**500 gr
1 kg**

EINECS : 215-181-3

Assay of KOH %
Identification
Appearance of solution
Carbonate (as K₂CO₃) %
Chloride (Cl) %
Sulfate (SO₄) %
Phosphate (PO₄) %
Silicate (SiO₂) %
Total nitrogen (N) %
Heavy metals (Pb) %
Iron (Fe) %
Arsenic (As) %
Magnesium (Mg) %
Copper (Cu) %
Calcium (Ca) %
Nickel (Ni) %
Sodium (Na) %

85 - 100.5
Passes test
Passes test
Max 1
Max 0.002
Max 0.0005
Max 0.0005
Max 0.0005
Max 0.0003
Max 0.0005
Max 0.001
Max 0.0001
Max 0.005
Max 0.001
Max 0.001
Max 0.0005
Max 0.5



H314-H302
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Potassium hydrogen phthalate Analytical Reagent
CH₂COOK MW=98.14

Product code: 314650500

C.A.S. : 877-24-7

500 gr

EINECS : 212-889-4

Assay (after drying) %
Insoluble matter %
Loss on drying (at 110 °C) %
Chloride (Cl) %
Phthalic acid %
Sulfate (SO₄) %
Copper (Cu) %
Iron (Fe) %
Lead (Pb) %
Sodium (Na) %

Min 99.5
Max 0.005
Max 0.2
Max 0.002
Max 0.005
Max 0.005
Max 0.0005
Max 0.0005
Max 0.0005
Max 0.01

H303
P312

Potassium hydroxide pellets Laboratory Reagent
KOH MW =56.11

Product code: 316290500/5000

C.A.S. : 1310-58-3

**500 gr
5 kg**

EINECS : 215-181-3

Assay of KOH %
Carbonate (as K₂CO₃) %
Chloride (Cl) %
Sulfate (SO₄) %
Phosphate (PO₄) %
Silicate (SiO₂) %
Total Nitrogen (N) %
Heavy metals (Pb) %
Iron (Fe) %
Arsenic (As) %
Calcium (Ca) %
Sodium (Na) %

Min 85
Max 2.0
Max 0.01
Max 0.003
Max 0.002
Max 0.01
Max 0.0005
Max 0.001
Max 0.001
Max 0.0004
Max 0.002
Max 0.5



H314-H302
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Potassium Hydroxide 0.1 M (0.1N) Standardized solution
traceable to NIST
KOH MW =56.11

Product code: BVS09001

C.A.S. : 1310-58-3

1 L

EINECS : 215-181-3



H314-H302
P260-P301-P330-P331-P303+P361-P353-P305-P351-P338-P405-P501



Potassium Hydroxide 1 M (1N) Standardized solution
traceable to NIST
KOH MW =56.11

Product code: BVS09010

C.A.S. : 1310-58-3

1 L

EINECS : 215-181-3



H314-H302
P260-P301-P330-P331-P303+P361-P353-P305-P351-P338-P405-P501

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Potassium iodate

Analytical Reagent
KIO₃ MW =214.00

Product code: 316280100

C.A.S. : 7758-05-6

100 gr

EINECS : 231-831-9

Assay %	Min 99.5
pH (5% in water)	5.0–8.0
Chloride, chlorate, bromide, Bromate (as Cl) %	Max 0.02
Iodide (I) %	Max 0.002
Sulfate (SO ₄) %	Max 0.006
Total nitrogen (N) %	Max 0.002
Heavy metals (as Pb) %	Max 0.0006
Iron (Fe) %	Max 0.001
Sodium (Na) %	Max 0.005
Loss on drying at 130°C %	Max 0.05



H272-H315-H319-H335
P221-P210-P220-P305-P351-P338-P405-P501A

Potassium Iodide 0.1 M (0.1N)

Standardized solution
traceable to NIST
KI MW =166.00

Product code: BVS10001

C.A.S. : 7681-11-0

1 L

EINECS : 231-659-4

Potassium Iodide 1 M (1N)

Standardized solution
traceable to NIST
KI MW =166.00

Product code: BVS10010

C.A.S. : 7681-11-0

1 L

EINECS : 231-659-4

Potassium iodide

Analytical Reagent
KI MW=166.00

Product code: 315090250

C.A.S. : 7681-11-0

250 gr

EINECS : 213-659-4

Assay (after drying) %	Min 99.0
Insoluble matter %	Max 0.005
Loss on drying at 120°C %	Max 0.2
pH of 5 % solution	6.0 - 9.2
Chloride & bromide %	Max 0.01
Iodate (IO ₃) %	Max 0.0003
Nitrogen compounds (N) %	Max 0.001
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Barium (Ba) %	Max 0.002
Calcium (Ca) %	Max 0.002
Iron (Fe) %	Max 0.0003
Heavy metals (Pb) %	Max 0.0005
Magnesium (Mg) %	Max 0.001
Sodium (Na) %	Max 0.005

Potassium iodide

Laboratory Reagent
KI MW=166.00

Product code: 315120250

C.A.S. : 7681-11-0

250 gr

EINECS : 213-659-4

Assay (after drying) %	99.0 – 100.5
Insoluble matter in water %	Max 0.01
Nitrate, Nitrite and ammonia	Passes test
Chloride and bromide (as Cl) %	Max. 0.05
Free alkali (as K ₂ CO ₃)	Passes test
Sulfate (SO ₄) %	Max.0.015
Iodate (IO ₃) %	Max.0.0003
Thiosulfate (S ₂ O ₃) %	Max.0.005
Heavy metal (as Pb) %	Max.0.001
Iron (Fe) %	Max.0.001
Loss on drying at 105°C %	Max.1.0

Potassium metabisulfite

Laboratory Reagent
K₂S₂O₅ MW =222.31

Product code: 316130500

C.A.S. : 16731-55-8

500 gr

EINECS : 240-795-3

Assay (iodometric) %	95 - 99.9
Iodometric, SO ₂	54.8 - 57.6
Appearance of solution	Passes test
pH (5% in water)	3 - 4.5
Chloride (Cl) %	Max 0.05
Heavy metals (as Pb) %	Max 0.001
Thiosulfate	Passes test
Copper (Cu) %	Max 0.0025
Zinc (Zn) %	Max 0.0025
Iron (Fe) %	Max 0.002
Selenium (Se) %	Max 0.0005
Arsenic (As) %	Max 0.0002
Mercury (Hg) %	Max 0.0001



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Potassium nitrate

Analytical Reagent
KNO₃ MW =101.11

Product code: 316140500

C.A.S. : 7757-79-1

500 gr

EINECS : 231-818-8

Assay (as KNO ₃) %	99 - 100.5
Identity	Passes test
Appearance of solution	Passes test
Reducing substance	Passes test
pH (5% solution at 20 °C)	4.5 - 8.5
Acidity or alkalinity	Passes test
Chloride (Cl) %	Max 0.001
Chlorate and perchlorate (as Cl)	Passes test
Sulfate (SO ₄) %	Max 0.003
Phosphate (PO ₄) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0003
Iron (Fe) %	Max 0.0003
Calcium (Ca) %	Max 0.001
Sodium (Na) %	Max 0.02
Ammonium (NH ₄) %	Max 0.001
Iodate (IO ₃) %	Max 0.0005
Nitrite (NO ₂) %	Max 0.001
Loss on drying (at 105 °C) %	Max 0.5



H272-H303
P221-P210-P220-P280-P312-P501A

Potassium nitrate

Laboratory Reagent
KNO₃ MW =101.11

Product code: 316220500/5000

C.A.S. : 7757-79-1

EINECS : 231-818-8

500 gr
5 kg

Assay (by acidimetry) %	Min 99
pH (5% water)	4.5 - 8.5
Chloride and perchlorate (as Cl) %	Max 0.007
Sulfate (SO ₄) %	Max 0.01
Ammonium (NH ₄) %	Max 0.004
Arsenic (As) %	Max 0.0003
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.001



H272-H303
P221-P210-P220-P280-P312-P501A

Potassium oxalate monohydrate Analytical Reagent

C₂K₂O₄·H₂O MW =184.23

Product code: 314570500

C.A.S. : 6487-48-5

EINECS : 209-506-8

500 gr

Assay (Manganometry) %	99.5 - 101
Insoluble matter %	Max 0.01
pH (5% water)	7 - 8.5
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.01
Ammonium (NH ₄) %	Max 0.002
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.001
Sodium (Na) %	Max 0.02



H302-H312
P280-P301-P312-P302-P352-P312-P322-P501a

Potassium Permanganate 0.02 M (0.1N) Standardized solution

traceable to NIST
KMnO₄ MW =158.03

Product code: BVS11001

C.A.S. : 7722-64-7

EINECS : 231-760-3

1 L

Tolerance +/- 0.0005M
Appearance Purple solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H400-H410-H302
P221-P210-P220-P280-P301-P312-P501a

Potassium Permanganate 0.2 M (1N) Standardized solution

traceable to NIST
KMnO₄ MW =158.03

Product code: BVS11010

C.A.S. : 7722-64-7

EINECS : 231-760-3

1 L

Tolerance +/- 0.0005M
Appearance Purple solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H411
P273

Potassium permanganate

Analytical Reagent
KMnO₄ MW=158.03

Product code: 316270500/1000

C.A.S. : 7722-64-7

EINECS : 231-760-3

500 gr
1 kg

Assay (Iodometric) %	99.5 - 100.5
Loss on drying (on silica gel) %	Max 0.5
Insoluble matter %	Max 0.2
Chloride (Cl) %	Max 0.005
Nitrogen compounds (N) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.002



H400-H410-H302
P221-P210-P220-P280-P301-P312-P501a

Potassium persulfate

Analytical Reagent
K₂S₂O₈ MW=270.31

Product code: 316190500

C.A.S. : 7727-21-1

EINECS : 232-140-5

500 gr

Assay %	Min 98
Insoluble matter %	Max 0.003
Chloride (Cl) %	Max 0.002
Ammonium (NH ₄) %	Max 0.0005
Arsenic (As) %	Max 0.00004
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.001
Manganese (Mn) %	Max 0.0001



H334-H315-H319-H317-H272-H302-H335
P221-P210-P285-P305-P351-P338-P405-P501a

Potassium persulfateLaboratory Reagent
K₂O₈S₂ MW=270.31**Product code:** 316590500**C.A.S. :** 7727-21-1**500 gr****EINECS :** 232-140-5

Assay (iodometric) %	Min 98
Chloride (Cl) %	Max 0.005
Heavy metals (as Pb) %	Max 0.005
Iron (Fe) %	Max 0.002
Manganese (Mn) %	Max 0.0005

H334-H315-H319-H317-H272-H302-H335
P221-P210-P285-P305-P351-P338-P405-P501A**Potassium sodium tartrate tetrahydrate**Analytical Reagent
C₄H₄KNaO₆·4H₂O MW=282.22**Product code:** 316170500**C.A.S. :** 6381-59-5**500 gr****EINECS :** 206-156-8

Assay %	99 - 102
Insoluble matter %	Max 0.005
pH (5% solution at 20 °C)	7 - 8.5
Chloride (Cl) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.005
Phosphate (PO ₄) %	Max 0.001
Ammonium (NH ₄) %	Max 0.002
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Copper (Cu) %	Max 0.0005
Calcium (Ca) %	Max 0.004

Potassium sodium tartrate tetrahydrateLaboratory Reagent
C₄H₄KNaO₆·4H₂O MW=282.22**Product code:** 316600500**C.A.S. :** 6381-59-5**500 gr****EINECS :** 205-698-1

Assay %	Min 98
Acidity or alkalinity %	Max 1 ml N
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.05

Potassium sulfateAnalytical Reagent
K₂SO₄ MW=174.27**Product code:** 316210500**C.A.S. :** 7778-80-5**500 gr****EINECS :** 231-915-5

Assay (by acidimetry) %	Min 99
Insoluble matter %	Max 0.01
pH (5% water)	5.5 - 7.5
Chloride (Cl) %	Max 0.0005
Total Nitrogen (N) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0002
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.0005
Magnesium (Mg) %	Max 0.002
Sodium (Na) %	Max 0.02

Potassium Thiocyanate 0.1 M (0.1N)Standardized solution
traceable to NIST
KSCN MW =97.18**Product code:** BVS12001**C.A.S. :** 333-20-0**1 L****EINECS :** 206-370-1H302-H312-H332-H412
P261-P280-P304-P340-P301-P312-P312-P501A**Potassium thiocyanate**Laboratory Reagent
KSCN MW =97.18**Product code:** 316620500**C.A.S. :** 333-20-0**500 gr****EINECS :** 206-370-1

Assay (by argentometry) %	Min 98
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.05
Sulfide (S) %	Max 0.002
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.05
Iron (Fe) %	Max 0.005

H302-H312-H332-H412
P261-P280-P304-P340-P301-P312-P312-P501A**Potato dextrose agar**

For Microbiology

Product code: DM2620500**500 gr**

Potatoes, infusion from	200.000 G/L
Dextrose	20.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	5.6 ± 0.2 G/L
pH range	6.60 - 7.00
Reaction	reaction of 2.43% w/v aqueous solution at 25°C pH 6.8 ± 0.2

L-ProlineFor Biochemistry
C₅H₉NO₂ MW=115.13**Product code:** 516120005/0025**C.A.S. :** 147-85-3**5 gr
25 gr****EINECS :** 205-702-2

Assay (HClO ₄ titration) %	Min 99
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin-positive substance (as glycine) %	Max 0.1

2-PropanolAnalytical Reagent
C₃H₈O MW=60.10**Product code:** 216022500**C.A.S. :** 67-63-0**2.5 L****EINECS :** 200-661-7

Assay (by GC) %	Min 99.7
Water (KF) %	Max 0.1
Acidity (meq/g) (meq/g)	Max 0.0005
Residue on Evaporation %	Max 0.001

H225-H319-H336
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

2-Propanol

Laboratory Reagent
 C_3H_8O MW=60.10

Product code: 216002500

C.A.S. : 67-63-0

2.5 L

EINECS : 200-661-7

Assay (by GC) %

Min 99.0

Water (KF) %

Max 0.05

Acidity (meq/g) (meq/g)

Max 0.0005

Residue on Evaporation %

Max 0.005



H225-H319-H336

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

2-Propanol

For HPLC & Spectroscopy
 C_3H_8O MW=60.10

Product code: 216011000

C.A.S. : 67-63-0

1 L

EINECS : 200-661-7

Assay %

Min 99.8

Non volatile matter %

Max 0.0005

Acidity (C_2H_3COOH)

Max 0.0005 meq/g

Alkalinity

Max 0.0002 meq/g

Water %

Max 0.05

Maximum absorbance in a 1.0 cm cell against water :

At 210 nm

1.00

At 220 nm

0.30

At 230 nm

0.10

At 260 nm

0.03

At 270 nm

0.01

At 300 nm

0.01



H225-H319-H336

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

2-Propanol

PestiChrom
 C_3H_8O MW=60.10

Product code: 215991000

C.A.S. : 67-63-0

1 L

EINECS : 200-661-7

Assay (by GC) %

Min 99.8

Water (KF) %

Max 0.2

Acidity (meq/g)

Max 0.0005

Residue on Evaporation %

Max 0.0005

Interfering of peaks caused by impurities determined as:Lindane

(GC/ECD) max.5ng/lor Parathion (GC/NPD)max.10ng/l passes test



H225-H319-H336

P210-P261-P303-P361-P353-P305-P351-P338-P405-P501A

Propionic acid

For Synthesis
 CH_3CH_2COOH MW=74.08

Product code: 116150500

C.A.S. : 79-09-4

500 ml

EINECS : 201-176-3

Assay %

Min 99

Wt.per ml at 20 °C

0.991 - 0.994 g

Refractive index

1.386 - 1.388



H314-H226

P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

n-Propylamine

For Synthesis
 C_3H_7N MW =59.11

Product code: 216030500

C.A.S. : 107-10-8

500 ml

EINECS : 203-462-3

Assay (By GC) %

Min 98.0

Wt.per ml at 20 °C

0.714 - 0.716 g



H225-H311-H302-H314-H318

P210-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Pyridine

Analytical Reagent
 C_5H_5N MW =79.10

Product code: 500490500

C.A.S. : 110-86-1

500 ml

EINECS : 203-809-9

Assay %

Min 99.5

Wt.per ml at 20 °C

0.982 - 0.983 g

Refractive Index

1.509 - 1.510

Water insoluble matter

Passes test

Water %

Max 0.1

Non volatile matter

Max 0.002

Chloride (Cl)

Max 0.0005

Ammonia (NH_3) %

Max 0.002

Copper (Cu) %

Max 0.0002

Iron (Fe) %

Max 0.0002

Lead (Pb) %

Max 0.0001

Substances reducing permanganate (O) %

Max 0.0008



H225-H302-H312-H332

P210-P261-P280-P303-P361-P353-P403-P235-P501A

Pyrocatechol

Analytical Reagent
 $C_6H_4(OH)_2$ MW =110.11

Product code: 500620100

C.A.S. : 120-80-9

100 gr

EINECS : 200-427-5

Assay (NT) %

Min 99

Melting point °C

104 - 106



H301-H311-H315-H319

P280-P301-P310-P305-P351-P338-P361-P405-P501



Pyrrolidine

For Synthesis
 C_4H_9N MW =71.12

Product code: 522240250

C.A.S. : 123-75-1

250 ml

EINECS : 204-648-7

Assay (GC) %
Density (d₂₀ °C/4 °C)
Water %

Min 99
0.859 - 0.861
Max 0.5



H225-H314-H318-H302-H332
P210-P280-P305-P351-P338-P308-P313

D-Raffinose pentahydrate

For Biochemistry
 $C_{18}H_{32}O_{16} \cdot 5H_2O$ MW=594.52

Product code: 517060010

C.A.S. : 17629-30-0

10 gr

EINECS : 208-146-9

Assay %
Specific rotation
Melting point °C
Water %

Min 99
+122.0 to +124.0°
78 - 80
14 - 16

L-Rhamnose monohydrate

Analytical Reagent
 $C_6H_{12}O_5 \cdot H_2O$ MW=182.19

Product code: 518140005

C.A.S. : 10030-85-0

5 gr

EINECS : 222-793-4

Assay %
Melting point °C
Specific rotation (a 20/D;10%;H2O)
Water (by KF)

Min 99
90 - 92
+8.7° to +9.2°
9 - 10.5

Resorcinol

Analytical Reagent
 $C_6H_6O_2$ MW=110.11

Product code: 518120100

C.A.S. : 108-46-3

100 gr

EINECS : 203-585-2

Assay %
Insoluble matter in water %
Acidity or alkalinity
Melting range °C
Phenol %
Sulfated ash %
Loss on drying %
Chloride (Cl) %
Sulfate (SO₄) %
Pyrocatechol %
Heavy metals (as Pb) %

99 - 100.5
Max 0.01
Passes test
109 - 111
Max 0.1
Max 0.01
Max 0.05
Max 0.008
Max 0.02
Max 0.001
Max 0.0005



H400-H302-H315-H319
P280H-P273-P305-P351-P338-P308-P313-P410-P501A

Rhodamine B

For Microscopy
 $C_{28}H_{31}ClN_2O_3$ MW=479.02

Product code: 316440025

C.A.S. : 81-88-9

25 gr

EINECS : 201-383-9

Absorption maxima in water
Absorptivity (A 1%/1cm; at λ_{max.}, pH7, on dried substances)
Loss on drying (at 135 °C) %
Suitability for microscopy

550 - 554 nm
Min 2100
Max 15
Passes test



H318-H351-H302
P280-P281-P305-P351-P338-P310-P405-P501A



Riboflavin

For Biochemistry
 $C_{17}H_{20}N_4O_6$ MW =376.36

Product code: 301690010

C.A.S. : 83-88-5

10 gr

EINECS : 201-507-1

Assay (spectrophotometric, on dried substance) %	99 - 101
Specific optical rotatio °C	-135 to -128
Relative absorption:	
At 373 nm /A267 nm	0.31 - 0.33
At 444 nm /A267 nm	0.36 - 0.39
Loss on drying (at 105 °C) %	Max 1.5
Sulfated ash %	Max 0.1

D-(-)-Ribose

For Biochemistry
 $C_5H_{10}O_5$ MW =150.13

Product code: 301740005

C.A.S. : 50-69-1

5 gr

EINECS : 200-059-4

Assay %	Min 99
Specific rotation (a 20/D; 2% H ₂ O)	-21° to -18.5°
Heavy metals (as Pb)	Max 0.001
Water	Max 0.5

Rose bengal

Analytical Reagent
 $C_{20}H_2Cl_4Na_2O_5$ MW =1017.65

Product code: 316450025

C.A.S. : 632-69-9

25 gr

EINECS : 211-183-3

Identity (IR)	Passes test
Solubility (1mg/ml; H ₂ O)	Clear to slightly hazy red color solution
Absorption maxima (0.001% in water+ 1 ml 1% Na ₂ CO ₃ solution)	544 - 550 nm
Dye content %	Min 85.0
Loss on drying (at 110°C) %	Max 10



H315-H319-H335

P261-P280-P305-P351-P338-P304-P340-P405-P501A

p-Rosolic acid

For Microscopy
 $C_{19}H_{14}O_3$ MW =290.32

Product code: 316640025

C.A.S. : 603-45-2

25 gr

EINECS : 210-041-8

pH transition Range	5.0 - 6.8 yellow - pink
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H315-H319-H335

P261-P280-P305-P351-P338-P304-P340-P405-P501A



Finding
US on the web

www.biochemopharma.fr

Sabouraud dextrose agar For Microbiology

Product code: DM2320500 **500 gr**

Dextrose 40.000 G/L
 Mycological, peptone 10.000 G/L
 Agar 15.000 G/L
 Final pH at (25°C) 5.6 ± 0.2 G/L
 Reaction reaction of 6.5% w/v aqueous solution at 25°C pH 5.6 ± 0.2
 Prepare the medium per label directions inoculate and incubate at 35 - 37°C for 18 - 48 hours

Safranin O For Microscopy

Product code: 316420025 **25 gr**
 C.A.S. : 477-73-6
 EINECS : 207-518-8
 $C_{20}H_{19}ClN_4$ MW =350.84

Absorption maxima 530 - 534 nm
 Absorptivity (A1%, 1cm, λ .max) Min 875
 Ration λ .max +/-15 nm 1.10 - 1.32
 Loss on drying at 110 °C % Max 15



H315-H319-H335
 P261-P302-P352-P305-P351-P338-P321-P405-P501a

Salicylaldehyde For Synthesis

Product code: 219030100 **100 gr**
 C.A.S. : 90-02-8
 EINECS : 201-961-0
 $C_7H_6O_2$ MW =122.12

Assay % Min 99
 Weight per ml at 20°C 1.164 - 1.167 g
 Refractive index 1.5730 - 1.5740
 Salicylic acid % Max 0.2



H302-H315-H319-H335-H227
 P210-P261-P280-P305-P351-P338-P405-P501A

Salicylic acid Analytical Reagent

Product code: 119020500 **500 gr**
 C.A.S. : 69-72-7
 EINECS : 200-712-3
 $C_7H_6O_3$ MW=138.12

Assay % Min 99.5
 Melting point °C 159 - 161
 Insoluble matter % Max 0.005
 Sulfated ash % Max 0.02
 Chloride (Cl) % Max 0.001
 Sulfate (SO₄) % Max 0.01
 Copper (Cu) % Max 0.0002
 Iron (Fe) % Max 0.0001
 Lead (Pb) % Max 0.0002



H318-H302-H335-H315
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Schiff's reagent Laboratory Reagent

Product code: 504350500 **500 ml**

Appearance Clear colourless to slight pink colored solution
 Sensitivity Passes test
 Physical state at 20 °C Liquid
 Slight pink solution pH value <2
 Density [g/cm³] 1



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P405-P501A

L-Serine For Biochemistry

Product code: 519050005/0025 **5 gr**
 C.A.S. : 56-45-1 **25 gr**
 EINECS : 200-274-3
 $C_3H_7NO_3$ MW =105.09

Assay % Min 99
 Specific optical rotation [α]₂₀/D_c=10 (in HCl 2 M) +14° to +16°
 Sulfated ash % Max 0.1
 Iron (Fe) % Max 0.001
 Heavy metals (as Pb) % Max 0.001
 Loss on drying at 105 °C % Max 0.5

Silica gel 60-200 mesh For Column Chromatography

Product code: 519130500 **500 gr**
 C.A.S. : 112926-00-8

pH of 10% slurry About 7.0
 Particle size 60-200 mesh



H373
 P260-P314-P501A

Silica gel G For Thin layer chromatography

Product code: 519110500 **500 gr**
 C.A.S. : 12926-00-8

pH of (10% suspension in water) About 7
 Calcium sulfate content About % 13
 Separating powder Passes test
 Adhesive property Passes test
 Suitability for TLC Passes test
 Organic impurities Passes test
 Chloride (Cl) % Max 0.02
 Iron (Fe) % Max 0.02
 Heavy metals (Pb) % Max 0.02

Silicagel GF 254 For Thin layer chromatography

Product code: 519120500 **500 gr**
 C.A.S. : 112926-00-8
 EINECS : 231-545-4

Content of CaSO₄ About 13
 Chloride (Cl) % Max 0.02
 Iron (Fe) % Max 0.02
 pH of 10% aqueous slurry About 7.0

Silicagel HF 254

For Thin layer chromatography

Product code: 519140500

C.A.S. : 112926-00-8

500 gr

EINECS : 231-545-4

Chloride (Cl) %

Max 0.02

Iron (Fe) %

Max 0.02

pH of 10% aqueous slurry

About 7.0

Silicon dioxide

Laboratory Reagent

SiO₂ MW =60.08

Product code: 519721000

C.A.S. : 60676-86-0

1 kg

EINECS : 238-878-4

Particle size

40-150 Mesh



H350-H373

P260-P281-P308-P313-P314-P405-P501A

Silicone oil

Laboratory Reagent

Product code: 509020250/0500

250 ml

C.A.S. : 63148-62-9

500 ml

Appearance

Clear colorless viscous liquid

Viscosity at 20 °C

370 - 390 m Pas

Silicotungstic acid

Analytical Reagent

H₄(SiW₁₂O₄₀)·xH₂O MW =2878.17 (anhyd)

Product code: 519730025

25 gr

C.A.S. : 12027-43-9

Assay %

Min 99.5

Chloride (Cl) %

Max 0.001

Sulfate (SO₄) %

Max 0.005

Total Nitrogen %

Max 0.002

Heavy metals (as Pb) %

Max 0.002

Iron (Fe) %

Max 0.001

Sodium (Na) %

Max 0.02

Potassium (K) %

Max 0.02

Loss on ignition (at 750 °C) %

Max 16.0



H315-H319-H335

P261-P280-P305-P351-P338-P304-P340-P405-P501A

Silver (metal) powder

Laboratory Reagent

Ag MW=107.87

Product code: 318040025

C.A.S. : 7440-22-4

25 gr

EINECS : 231-131-3

Assay

Min 99.9

Silver acetate

Laboratory Reagent

C₂H₃AgO₂ MW=166.92

Product code: 318000025

C.A.S. : 563-63-3

25 gr

EINECS : 209-254-9

Assay %

Min 99.00

Copper %

Max 0.00005

Iron %

Max 0.00005

Nickel %

Max 0.00005



H400-H410-H315

P280-P273-P362-P321-P332-P313-P501A

Silver chloride

Analytical Reagent

AgCl MW=143.32

Product code: 318010025

C.A.S. : 7783-90-6

25 gr

EINECS : 232-033-3

Assay %

99.11

Sulfate %

0.002

Nitrate %

0.004

Iron %

0.003

Loss on drying %

0.05



H290-H400-H410

P273-P234-P390-P391-P406-P501A

Silver Nitrate 0.01 M (0.01N)

Standardized solution

traceable to NIST

AgNO₃ MW =169.88

Product code: BVS130001

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.1 M (0.1N)

Standardized solution

traceable to NIST

AgNO₃ MW =169.88

Product code: BVS13001

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.05 M (0.05N)

Standardized solution

traceable to NIST

AgNO₃ MW =169.88

Product code: BVS130005

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410

P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.5 M (0.5N)

Standardized solution
traceable to NIST
AgNO₃ MW =169.88

Product code: BVS13005

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 1 M (1N)

Standardized solution
traceable to NIST
AgNO₃ MW =169.88

Product code: BVS13010

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver nitrate

Analytical Reagent
AgNO₃ MW=169.88

Product code: 322150100/0500

C.A.S. : 7761-88-8

100 gr

500 gr

EINECS : 231-853-9

Assay (Dry basis) %	99.92
pH (4% aqueous sol.)	5.5
Chloride %	0.0001
Sulfate %	0.0025
Calcium %	0.0007
Bismuth %	0.0003
Lead %	0.0002
Magnesium %	0.0007
Potassium %	0.009
Sodium %	0.0018
Copper %	0.00014
Iron %	0.00015
Substance not ppp.by HCl (as sulfate.) %	0.04



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver oxide

Laboratory Reagent
Ag₂O MW=231.74

Product code: 318060025

C.A.S. : 20667-12-3

25 gr

EINECS : 243-957-1

Assay %	97.55
Nitrate %	0.04
Alkalies (Sulfate) %	0.016
Free Alkalies %	8.0 ml N/1



H271-H318-H400-H410-H303
P221-P283-P210-P305-P351-P338-P306-P360-P501A

Silver sulfate

Laboratory Reagent
Ag₂SO₄ MW=311.80

Product code: 322210050

C.A.S. : 10294-26-5

50 gr

EINECS : 233-653-7

Assay %	98.91
Alkalies (Sulfated) %	0.001
Iron (Fe) %	0.0012
PH	5.09



H318-H400-H410
P280-P273-P305-P351-P338-P310-P391-P501

Sodium acetate anhydrous

Analytical Reagent
C₂H₃NaO₂ MW=82.03

Product code: 319010500

C.A.S. : 127-09-3

500 gr

EINECS : 204-823-8

Assay %	Min 99
pH of 5% aqueous solution	7.5 - 9.0
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.002
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.003
Aluminium (Al) %	Max 0.001
Calcium (Ca) %	Max 0.005
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.05
Loss on drying %	Max 1.0

H303
P312

Sodium acetate anhydrous

Laboratory Reagent
C₂H₃NaO₂ MW=82.03

Product code: 319770500

C.A.S. : 127-09-3

500 gr

EINECS : 204-823-8

Assay %	99.0 - 101.0
pH (5% water)	7.5 - 9.2
Insoluble matter in water %	Max 0.05
Loss on drying at 105°C %	Max 1.0
Calcium & Magnesium	Passes test
Potassium (K)	Passes test
Iron (Fe) %	Max 0.001
Heavy metals (as Pb)	Max 0.001
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.005

H303
P312



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Sodium acetate trihydrate

Analytical Reagent
 $\text{CH}_3\text{COONa}\cdot 3\text{H}_2\text{O}$ MW=136.08

Product code: 318980500

C.A.S. : 6131-90-4

500 gr

EINECS : 204-823-8

Assay %	99.5 - 101
pH of 5% aqueous solution	7.5 - 9.2
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.003
Nitrogen compounds (N) %	Max 0.001
Phosphate (PO_4) %	Max 0.0005
Sulphate (SO_4) %	Max 0.002
Calcium (Ca) %	Max 0.001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.0005
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.005
Substance reducing permanganate (O)	Passes test

Sodium azide

Analytical Reagent
 NaN_3 MW=65.01

Product code: 319020100

C.A.S. : 26628-22-8

100 gr

EINECS : 247-852-1

Assay %	Min 99
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.005
Sulfate (SO_4) %	Max 0.005
Chromium (Cr) %	Max 0.005
Copper (Cu) %	Max 0.005
Iron (Fe) %	Max 0.005
Lead (Pb) %	Max 0.005



H300-H400-H410
P273-P264-P301-P310-P321-P405-P501A

Sodium benzoate

Laboratory Reagent
 $\text{C}_6\text{H}_5\text{COONa}$ MW=144.10

Product code: 319810500

C.A.S. : 532-32-1

500 gr

EINECS : 208-534-8

Assay %	99 - 100.5
Identification	Passes test
Appearance of solution	Passes test
Acidity or alkalinity	Passes test
Loss on drying at 105 °C %	Max 1.5
Heavy metals (as Pb) %	Max 0.001
Total chlorine %	Max 0.03
Chloride (Cl) %	Max 0.02
Sulfate (SO_4) %	Max 0.01



H315-H319-H303
P280-P305-P351-P338-P362-P312-P321-P332-P313

Sodium bisulfite

Analytical Reagent
 NaHSO_3 MW=104.06

Product code: 319170500

C.A.S. : 7631-90-5

500 gr

EINECS : 231-673-0

Assay (as SO_2) %	Min 58.5
Arsenic (As) %	Max 0.0001
Chloride (Cl) %	Max 0.02
Heavy metals (as Pb) %	Max 0.001
Insoluble matter %	Max 0.005
Iron (Fe) %	Max 0.002



H318-H302
P280-P264-P305-P351-P338-P310-P301-P312-P501A

Sodium borohydride

Laboratory Reagent
 NaBH_4 MW=37.83

Product code: 202100100

C.A.S. : 16940-66-2

100 gr

EINECS : 241-004-4

Assay %	Min 97
Chloride (Cl) %	Max 0.5
Sulfate (SO_4) %	Max 0.01
Copper (Cu) %	Max 0.005
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.005
Zinc (Zn) %	Max 0.005
Cadmium (Cd) %	Max 0.005



H301-H311-H331-H314-H318-H261
P280-P303-P361-P353-P305-P351-P338-P310-P370-P378I-P402-P404

Sodium bromide

Analytical Reagent
 NaBr MW=102.89

Product code: 319630500

C.A.S. : 7647-15-6

500 gr

EINECS : 231-599-9

Assay (by argentometry) %	Min 99
Water insoluble matter %	Max 0.005
Bromate (BrO_3) %	Max 0.001
Chloride (Cl) %	Max 0.2
Sulfate (SO_4) %	Max 0.002
Arsenic (As) %	Max 0.0002
Iron (Fe) %	Max 0.0003
Heavy metals (as Pb) %	Max 0.0005
Potassium (K) %	Max 0.1
Nickel (Ni) %	Max 0.0005
Calcium (Ca) %	Max 0.002
Barium (Ba) %	Max 0.002
Copper (Cu) %	Max 0.0005
Lead (Pb) %	Max 0.0005
Loss on drying at 105 °C %	Max 2
pH (5% solution)	5.0 - 8.8
Iodides %	Max 0.001

Sodium carbonate 0.5 M (1N) Standardized solution
traceable to NIST
Na₂CO₃ MW=105.99

Product code: BVS1401
C.A.S. : 497-19-8 **1 L**
EINECS : 207-838-8

Sodium carbonate anhydrous Analytical Reagent
Na₂CO₃ MW=105.99

Product code: 319060500
C.A.S. : 497-19-8 **500 gr**
EINECS : 207-838-8

Assay (on dried material) %	Min 99.5
Identity	Passes test
Appearance of solution	Passes test
Insoluble matter in water %	Max 0.01
Moisture (at 300°C) %	Max 0.5
Chloride (Cl) %	Max 0.002
Phosphate and silicate (as SiO ₂) %	Max 0.005
Total sulphur (as SO ₄) %	Max 0.005
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0005
Calcium (Ca) %	Max 0.03
Iron (Fe) %	Max 0.0005
Potassium (K) %	Max 0.01
Magnesium (Mg) %	Max 0.005



H319
P280-P264-P305-P351-P338-P337-P313

Sodium carbonate anhydrous Laboratory Reagent
Na₂CO₃ MW=105.99

Product code: 319840500
C.A.S. : 497-19-8 **500 gr**
EINECS : 207-838-8

Assay (on dried material) %	Min 99.5
Moisture (at 300 °C) %	Max 1.5
Chloride (Cl) %	Max 0.01
Silicate (SiO ₂) %	Max 0.02
Sulfate (SO ₄) %	Max 0.02
Iron (Fe) %	Max 0.005
Heavy metals (as Pb) %	Max 0.003



H319
P280-P264-P305-P351-P338-P337-P313

Sodium Chloride 0.1 M (0.1N) Standardized solution
traceable to NIST
NaCl MW =58.44

Product code: BVS15001
C.A.S. : 7647-14-5 **1 L**
EINECS : 231-598-3

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium chloride) is traceable to NIST
Reference Standard Material potassium chloride, number 999.

Sodium Chloride 1 M (1N) Standardized solution
traceable to NIST
NaCl MW =58.44

Product code: BVS15010
C.A.S. : 7647-14-5 **1 L**
EINECS : 231-598-3

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium chloride) is traceable to NIST
Reference Standard Material potassium chloride, number 999.

Sodium chloride Analytical Reagent
NaCl MW=58.44

Product code: 319120500/5000
C.A.S. : 7647-14-5 **500 gr**
EINECS : 231-598-3 **5 kg**

Assay (after ignition) %	Min 99.5
Identity	Passes test
Appearance of solution	Passes test
Acidity or alkalinity	Passes test
pH of 5% solution	5.0 - 8.0
Insoluble matter %	Max 0.005
Bromide (Br) %	Max 0.005
Iodide (I) %	Max 0.001
Ferrocyanide (Fe(CN) ₆) %	Max 0.0001
Chlorate and Nitrate (NO ₃) %	Max 0.003
Nitrite (NO ₂)	Passes test
Phosphate (PO ₄) %	Max 0.0005
Sulfate %	Max 0.001
Total Nitrogen (N) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.00004
Barium (Ba)	Max 0.001
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.0002
Iron (Fe) %	Max 0.0002
Magnesium (Mg) %	Max 0.001
Magnesium and alkali earth metals (as Ca) %	Max 0.01
Potassium (K) %	Max 0.005
Loss on drying (at 105 °C for 2 hrs) %	Max 0.5

H303
P312

Sodium chloride Laboratory Reagent
NaCl MW=58.44

Product code: 319581000/5000
C.A.S. : 7647-14-5 **1 kg**
EINECS : 231-598-3 **5 kg**

Assay (ex Cl) (after ignition) %	Min 99.5
Loss on drying at 105°C %	Max 1.0
Sulfate (SO ₄) %	Max 0.02
Ammonia (NH ₃) %	Max 0.002
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.0005
Potassium (K) %	Max 0.02

H303
P312

Sodium chloride

For Molecular Biology
NaCl MW=58.44

Product code: 319870500

C.A.S. : 7647-14-5

500 gr

EINECS : 231-598-3

Assay %	Min 99.5
DNases/RNases/Proteases	Not detectable
pH of 5% aqueous solution (20 °C)	5.0 - 8.0
Bromide (Br) %	Max 0.005
Iodide (I) %	Max 0.001
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.001
Barium (Ba) %	Max 0.001
Calcium (Ca) %	Max 0.002
Iron (Fe) %	Max 0.0001
Potassium (K) %	Max 0.005
Magnesium (Mg) %	Max 0.001
Lead (Pb) %	Max 0.0005

H303
P312

Sodium dichromate dihydrate

Analytical Reagent
Na₂Cr₂O₇·2H₂O MW =289.00

Product code: 318070500

C.A.S. : 7789-12-0

500 gr

EINECS : 234-190-3

Assay (By iodometry) %	99.5 - 100.5
Insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Calcium (Ca) %	Max 0.002
Aluminium (Al) %	Max 0.002
Copper (Cu) %	Max 0.01
Iron (Fe) %	Max 0.002
Lead (Pb) %	Max 0.002
Potassium (K) %	Max 0.01
Magnesium (Mg) %	Max 0.005



H272-H301-H330-H334-H350-H360-H372-H314-H400-H410-H312-H317
P221-P301-P310-P303-P361-P353-P305-P351-P338-P320-P405-P501a

Sodium chromate tetrahydrate

Analytical Reagent
Na₂CrO₄·4H₂O MW =234.07

Product code: 319330500

C.A.S. : 10034-82-9

500 gr

EINECS : 231-889-5

Assay %	Min 99
Acidity as HCl %	Max 0.2
Alkalinity as NaOH %	Max 0.1
Aluminium (Al) %	Max 0.002
Calcium (Ca) %	Max 0.005
Chloride (Cl) %	Max 0.005
Insoluble matter %	Max 0.005
Sulfate (SO ₄) %	Max 0.01
Loss on drying (at 105 °C) %	Max 0.05



H301-H330-H312-H317-H334-H340-H350-H360-H372-H314-H318-H400-H410
P260-P301-P310-P303-P361-P353-P304-P340-P305-P351-P338-P320-P330
P405-P501A

Sodium dihydrogen orthophosphate dihydrate

Analytical Reagent
NaH₂PO₄·2H₂O MW=156.01

Product code: 319090500

C.A.S. : 13472-35-0

500 gr

EINECS : 231-449-2

Assay %	99.0 - 100.5
Identity (acc. to pharma)	Passes test
Appearance of solution	Passes test
Water insoluble matter %	Max 0.01
pH of 1% solution in water	4.1-4.7
pH of 5% solution in water	4.2-4.5
pH of 5.7% solution in water	4.1-4.5
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Aluminium, Calcium and related elements	Passes test
Substance reducing KMnO ₄	Passes test
Arsenic (As) %	Max 0.0002
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.0001
Magnesium (Mg) %	Max 0.001
Potassium (K) %	Max 0.005
Loss on drying (at 130 °C) %	21.5 - 24.0

tri-Sodium citrate dihydrate

Analytical Reagent
C₆H₅Na₃O₇·2H₂O MW=294.10

Product code: 319460500

C.A.S. : 6132-04-3

500 gr

EINECS : 200-675-3

Assay (HClO ₂ titration) %	99 - 100.5
Identity	Passes test
Appearance of solution (100g/l)	Clear and colorless
Insoluble matter %	Max 0.005
Acidity or alkalinity	Passes test
pH (50gm/l water 25°C)	7.5 - 9.0
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.004
Phosphate (PO ₄) %	Max 0.002
Total nitrogen (N) %	Max 0.001
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Oxalate (C ₂ H ₂ O ₄) %	Max 0.002
Tartarate (C ₄ H ₆)	Passes test
Readily carbonisable substances	Passes test
Ammonium (NH ₄) %	Max 0.003
Calcium (Ca) %	Max 0.005
Arsenic (As) %	Max 0.0001
Mercury (Hg) %	Max 0.0001
Lead (Pb) %	Max 0.0001
Water (by KF) %	11 - 13
Loss on drying (180°C, 18 hrs) %	10 - 13

Sodium dihydrogen orthophosphate dihydrate

Laboratory Reagent
NaH₂PO₄·2H₂O MW=156.01

Product code: 319710500

C.A.S. : 13472-35-0

500 gr

EINECS : 231-449-2

Assay %	Min 98
pH (5% water)	4.2 - 4.5
Chloride (Cl) %	Max 0.005
Fluoride (F) %	Max 0.001
Hydrogen phosphate (HPO ₄) %	Max 0.5
Sulfate (SO ₄) %	Max 0.02
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0002
Lead (Pb) %	Max 0.0005
Calcium (Ca) %	Max 0.005
Iron (Fe) %	Max 0.001
Copper (Cu) %	Max 0.0025
Magnesium (Mg) %	Max 0.005
Zinc (Zn) %	Max 0.0025
Substance reducing KMnO ₄ %	Max 0.04
Loss on drying (at 130°C) %	21.5 - 24

Sodium dithionite Laboratory Reagent
 $\text{Na}_2\text{S}_2\text{O}_4$ MW=174.11

Product code: 319440500
C.A.S. : 7775-14-6 **500 gr**
EINECS : 231-890-0

Assay (By iodometry) % 85 - 87
 Chloride (Cl) % Max 0.01
 Iron (Fe) % Max 0.002



H251-H302
 P280-P235-P410-P301-P312-P420-P407-P501A

Sodium DL-tartrate anhydrous Laboratory Reagent
 $\text{C}_4\text{H}_4\text{Na}_2\text{O}_6$ MW=194.05

Product code: 318300500
C.A.S. : 868-18-8 **500 gr**

Assay % Min 99.5
 Iron (Fe) % Max 0.004
 Lead (Pb) % Max 0.002
 Chloride (Cl) % Max 0.01

Sodium dodecylsulfate Laboratory Reagent
 $\text{C}_{12}\text{H}_{25}\text{NaO}_4\text{S}$ MW=288.38

Product code: 319590500
C.A.S. : 151-21-3 **500 gr**
EINECS : 205-788-1

Washing active substances % 91 - 92
 Density ~ 450 g/l
 pH (1% solution) 6.0-9.0
 Sodium sulfate % ~2.0
 Unsulphated fractions % Max 3.0
 Sodium Chloride % Max 0.5
 Water % Max 7.5



H228-H311-H302-H315-H319-H335
 P210-P261-P305-P351-P338-P361-P405-P501A

Sodium fluoride Analytical Reagent
 NaF MW=41.99

Product code: 318260500
C.A.S. : 7681-49-4 **500 gr**
EINECS : 231-667-8

Assay % Min 99
 Insoluble matter % Max 0.01
 Loss on drying at 105°C % Max 0.2
 Acidity (HF) % Max 0.05
 Free alkali % Max 0.04
 Chloride (Cl) % Max 0.005
 Hexafluorosilicate (SiF_6) % Max 0.1
 Sulfate (SO_4) % Max 0.01
 Sulfite (SO_3) % Max 0.005
 Heavy metal (as Pb) % Max 0.001
 Calcium (Ca) % Max 0.004
 Iron (Fe) % Max 0.002
 Lead (Pb) % Max 0.0005



H301-H315-H319
 P280-P301-P310-P305-P351-P338-P362-P405-P501A

Sodium hydrogen carbonate Laboratory Reagent
 NaHCO_3 MW=84.01

Product code: 319901000
C.A.S. : 144-55-8 **1 kg**
EINECS : 205-633-8

Assay (acidimetric) % 99.5 - 101
 pH (5% water) 8.0 - 8.5
 Chloride (Cl) % Max 0.015
 Sulfate (SO_4) % Max 0.01
 Total Nitrogen % Max 0.002
 Heavy metals (as Pb) % Max 0.0005
 Arsenic (As) % Max 0.0002
 Lead (Pb) % Max 0.0005
 Calcium (Ca) % Max 0.01
 Iron (Fe) % Max 0.002

H303
 P312

di-Sodium hydrogenephosphate dodecahydrate Laboratory Reagent
 $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$ MW=358.14

Product code: 319950500
C.A.S. : 10039-32-4 **500 gr**

Assay (by acidimetry) % 98.5 - 100.5
 pH (5% water) 9.0 - 9.3
 Chloride (Cl) % Max 0.01
 Sulfate (SO_4) % Max 0.01
 Sodium dihydrogen phosphate (NaH_2PO_4) % Max 1.0
 Heavy metals (as Pb) % Max 0.001
 Iron (Fe) % Max 0.001
 Arsenic (As) % Max 0.0001
 Substances reducing KMnO_4 (as O) % Max 0.02
 Loss on drying (at 130 °C) % 57 - 61
 Water (KF) % 57 - 61

Sodium Hydroxide 0.1 M (0.1N) Standardized solution
 traceable to NIST
 NaOH MW =40

Product code: BVS16001
C.A.S. : 1310-73-2 **1 L**
EINECS : 215-185-5

Tolerance +/- 0.0005M
 Appearance Clear solution
 The standardisation material (potassiumhydrogen phthalate) is traceable to NIST Reference Standard Material potassiumhydrogen phthalate, number 841.



H314
 P280 P305-P351-P338-P310

Sodium Hydroxide 1 M (1N) Standardized solution
 traceable to NIST
 NaOH MW =40

Product code: BVS16010
C.A.S. : 1310-73-2 **1 L**
EINECS : 215-185-5

Tolerance +/- 0.005M
 Appearance Clear solution
 The standardisation material (Hydrochloric acid) is a secondary reference material traceable to NIST Reference Standard Material Tris(hydroxymethyl)amino methane, number 723e.



H314
 P280 P305-P351-P338-P310

Sodium hydroxide

Analytical Reagent
NaOH MW=40

Product code: 319250500/5000

C.A.S. : 1310-73-2

EINECS : 215-185-5

500 gr
5 kg

Assay (acidimetric) %	98 - 100.5
Insoluble matter in water %	Max 0.025
Sodium Carbonate (Na ₂ CO ₃) %	Max 1.0
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.0005
Phosphate (PO ₄) %	Max 0.0005
Silicate (SiO ₂) %	Max 0.001
Total nitrogen (N) %	Max 0.0003
Heavy metals (as Pb) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Aluminium (Al) %	Max 0.0005
Calcium (Ca) %	Max 0.0005
Potassium (K) %	Max 0.01



H314-H290
P280-P301-P330-P331-P309-P310-P305-P351-P338

Sodium hydroxide

Laboratory Reagent
NaOH MW=40

Product code: 319450500/5000

C.A.S. : 1310-73-2

EINECS : 215-185-5

500 gr
5 kg

Assay (acidimetric) %	Min 98
Carbonate (as Na ₂ CO ₃) %	Max 1.0
Chloride (Cl) %	Max 0.01
Sulfate (SO ₄) %	Max 0.003
Phosphate (PO ₄) %	Max 0.002
Silicate as (SiO ₂) %	Max 0.01
Nitrogen compounds (as N) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.002
Iron (Fe) %	Max 0.001
Aluminium (Al) %	Max 0.001
Arsenic (As) %	Max 0.0004
Potassium (K) %	Max 0.1



H314-H290
P280-P301-P330-P331-P309-P310-P305-P351-P338

Sodium hypochlorite

Laboratory Reagent

Product code: 319611000

C.A.S. : 7681-52-9

EINECS : 231-668-3

1 L

Assay (active chlorine)	4.0 - 6.0
Density at 20 °C	About 1.12



H314
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Sodium hypophosphite monohydrate

Laboratory Reagent
NaH₂PO₂·H₂O MW=105.99

Product code: 319620500

C.A.S. : 10039-56-2

EINECS : 231-669-9

500 gr

Assay %	Min 99
Water (KF) %	5 - 18
Arsenic (As) %	Max 0.0005
Calcium (Ca) %	Max 0.02
Iron (Fe) %	Max 0.001
Heavy metals (as Pb) %	Max 0.001
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.2

Sodium L(+) ascorbate

Analytical Reagent
C₆H₇NaO₆ MW=198.11

Product code: 319640100

C.A.S. : 134-03-2

EINECS : 205-126-1

100 gr

Assay (calculated on dried basis) (Idimetric) %	9 - 101
pH of 10% aq. soln.	7 - 8
Specific optical rotation 10% soln.	+103 - +108°
Los on drying (for 24 hrs.at 60°C, vacuum) %	Max 0.25
Heavy metals (as Pb) %	Max 0.02
Organic volatile impurities	Pases test

Sodium molybdate dihydrate

Analytical Reagent
Na₂MoO₄·2H₂O MW =241.95

Product code: 318130100

C.A.S. : 10102-40-6

EINECS : 231-551-7

100 gr

Assay %	99 - 102
Insoluble matter %	Max 0.005
pH of 5% solution %	7.0 - 10.5
Chloride (Cl) %	Max 0.001
Nitrate (NO ₃) %	Max 0.005
Phosphate (PO ₄) %	Max 0.001
Sulfate (SO ₄) %	Max 0.02
Ammonium (NH ₄) %	Max 0.01
Copper (Cu) %	Max 0.002
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.001

Sodium nitrite

Analytical Reagent
NaNO₂ MW =69.00

Product code: 319130500

C.A.S. : 7632-00-0

EINECS : 231-555-9

500 gr

Assay %	Min 98
Insoluble matter %	Max 0.003
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.005
Arsenic (As) %	Max 0.00004
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.0005
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.001



H272-H301-H330-H400
P221-P301-P304-P340-P320-P330-P401-P501

Sodium nitrite

Laboratory Reagent
NaNO₂ MW =69.00

Product code: 319930500

C.A.S. : 7632-00-0

500 gr

EINECS : 231-555-9

Assay %	Min 97
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Calcium (Ca) %	Max 0.005
Loss on drying %	Max 0.25



H272-H301-H330-H400
P221-P301-P304-P340-P330-P401-P501

Sodium perborate tetrahydrate

Laboratory Reagent
NaBO₃·4H₂O MW =153.86

Product code: 319401000

C.A.S. : 10486-00-7

1 kg

EINECS : 239-172-9

Assay %	Min 97
Chloride (Cl) %	Max 0.033
Sulfate (SO ₄) %	Max 1.5
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.002



H272-H360-H318-H302-H335
P221-P210-P220-P305-P351-P338-P405-P501A

Sodium nitroprusside dihydrate

Analytical Reagent
Na₂[Fe(CN)₅NO]·2H₂O MW =297.95

Product code: 501210100

C.A.S. : 13755-38-9

100 gr

EINECS : 238-373-9

Assay (Argentometric) %	Min 99.0
Insoluble matter %	Max 0.01
Chloride (Cl) %	Max 0.01
Ferricyanide [Fe(CN ₆)] %	Max 0.01
Ferrocyanide [Fe(CN ₆)] %	Max 0.02
Sulfate (SO ₄) %	Max 0.01



H301-H312-H332
P261-P280-P301-P310-P304-P340-P405-P501A

Sodium peroxide

Analytical Reagent
Na₂O₂ MW =77.98

Product code: 318160100

C.A.S. : 1313-60-6

100 gr

EINECS : 215-209-4

Assay %	Min 95
Chloride (Cl) %	Max 0.002
Phosphate (PO ₄) %	Max 0.0005
Sulfate (SO ₄) %	Max 0.001
Total nitrogen (N) %	Max 0.003
Heavy metals (Pb) %	Max 0.002
Aluminium (Al) %	Max 0.001
Iron (Fe) %	Max 0.002



H271-H314
P221-P283-P303-P361-P353-P305-P351-P338-P405-P501A

Tri-sodium orthophosphate dodecahydrate

Analytical Reagent
Na₃PO₄·12H₂O MW =380.12

Product code: 319150500

C.A.S. : 10101-89-0

500 gr

EINECS : 231-509-8

Assay %	98 - 102
Insoluble matter %	Max 0.01
Free alkali (NaOH) %	Max 2.5
Chloride (Cl) %	Max 0.005
Nitrogen compounds (N) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Calcium (Ca) %	Max 0.002
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.001
Lead (Pb) %	Max 0.0005
Magnesium (Mg) %	Max 0.002
Potassium (K) %	Max 0.005



H314-H318
P280-P305+P351-P338-P309-P310

Sodium persulfate

Analytical Reagent
Na₂S₂O₈ MW =238.09

Product code: 319101000

C.A.S. : 7775-27-1

1 kg

EINECS : 231-892-1

Assay (Iodometric) %	Min 98.0
Insoluble mater %	Max 0.005
Chloride (Cl) %	Max 0.002
Ammonium (NH ₄) %	Max 0.0005
Arsenic (As) %	Max 0.00004
Iron (Fe) %	Max 0.0005
Heavy metals (Pb) %	Max 0.001
Manganese (Mn) %	Max 0.0001



H225-H351-H319-H335
P210-P261-P303-P361-P353-P305-P351-P338-P405-P501

Sodium salicylate

Laboratory Reagent
C₇H₅NaO₃ MW =160.10

Product code: 319960500

C.A.S. : 54-21-7

500 gr

EINECS : 200-198-0

Assay (calculated to dried material) %	Min 99
Loss on drying at 105 °C %	Max 0.5
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.05
Heavy metal (as Pb) %	Max 0.002



H302-H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Sodium selenite anhydrous

Analytical Reagent
 Na_2SeO_3 MW=173.01

Product code: 319340025

C.A.S. : 10102-18-8

25 gr

EINECS : 233-267-9

Assay %	Min 99
Chloride (Cl) %	Max 0.005
Sulfate and Selenate (as SO_4) %	Max 0.005
Nitrogen compounds (N) %	Max 0.005
Iron (Fe) %	Max 0.001



H300-EUH031-H331-H317-H411
P261-P301-P310-P302-P352-P321-P405-P501

Sodium silicate (meta)

Laboratory Reagent
 $\text{Na}_2\text{O}_3\text{Si}_2\text{O}_7\text{H}_2\text{O}$ MW=284.20

Product code: 321040500

C.A.S. : 13517-24-3

500 gr

EINECS : 229-912-9

Chloride (Cl) %	Max 0.05
Sulfate (SO_4) %	Max 0.05
Iron (Fe) %	Max 0.005
Heavy metals (as Pb) %	Max 0.001
Loss on ignition (at 700°C) %	35 – 50



H290-H314-H335
P261-P280-P305-P351-P338-P310

Sodium sulfate anhydrous

Analytical Reagent
 Na_2SO_4 MW=142.04

Product code: 319260500/1000

C.A.S. : 7757-82-6

**500 gr
1 kg**

EINECS : 231-820-9

Assay (ionsensitive electrode) %	Min 99
Insoluble matter %	Max 0.01
pH (5% water)	5.2 - 9.2
Chloride (Cl) %	Max 0.001
Phosphate (PO_4) %	Max 0.001
Total nitrogen (N) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Arsenic (As) %	Max 0.0001
Calcium (Ca) %	Max 0.01
Iron (Fe) %	Max 0.0005
Potassium (K) %	Max 0.002
Magnesium (Mg) %	Max 0.001
Loss on ignition (at 800°C) %	Max 0.5

Sodium sulfite anhydrous

Analytical Reagent
 Na_2SO_3 MW=126.04

Product code: 319270500

C.A.S. : 7757-83-7

500 gr

EINECS : 231-821-4

Assay (Iodometric) %	Min 98
Insoluble matter in water %	Max 0.005
Acidity	Passes test
Alkalinity	Max 0.03 meq/g
Chloride (Cl) %	Max 0.02
Heavy metals (as Pb) %	Max 0.001
Iron (Fe) %	Max 0.0005

H303
P312

Sodium (+) tartrate dihydrate

Laboratory Reagent
 $\text{C}_4\text{H}_4\text{Na}_2\text{O}_6\cdot 2\text{H}_2\text{O}$ MW=230.08

Product code: 318230500

C.A.S. : 6106-24-7

500 gr

EINECS : 212-773-3

Assay (ex Na) %	Min 99
pH (5% solution 20°C)	7.0 - 8.0
Chloride (Cl) %	Max 0.01
Sulfate (SO_4) %	Max 0.05
Iron (Fe) %	Max 0.004
Lead (Pb) %	Max 0.002

Sodium thiocyanate

Laboratory Reagent
 NaSCN MW=81.07

Product code: 318340500

C.A.S. : 540-72-7

500 gr

EINECS : 208-754-4

Assay %	Min 98
Chloride (Cl) %	Max 0.02
Sulfate (SO_4) %	Max 0.01
Iodine absorption (I) %	Max 1 ml



H302-H312-H332-H412
P261-P280-P304-P340-P301-P312-P312-P501A

Sodium Thiosulfate 0.1 M (0.1N) Standardized solution

traceable to NIST
 $\text{Na}_2\text{O}_3\text{S}_2\cdot 5\text{H}_2\text{O}$ MW=248.17

Product code: BVS17001

C.A.S. : 10102-17-7

1 L

EINECS : 231-867-5

Tolerance	+/- 0.0005M
Appearance	Clear solution
The standardisation material (potassium iodate) is traceable to NIST Standard Reference Material arsenic trioxide, number 83d	

Sodium Thiosulfate 1 M (1N)

Standardized solution
traceable to NIST
 $\text{Na}_2\text{O}_3\text{S}_2\cdot 5\text{H}_2\text{O}$ MW=248.17

Product code: BVS17010

C.A.S. : 10102-17-7


1 L


EINECS : 231-867-5

Tolerance	+/- 0.0005M
Appearance	Clear solution
The standardisation material (potassium iodate) is traceable to NIST Standard Reference Material arsenic trioxide, number 83d	



Sodium thiosulfate pentahydrate	Analytical Reagent	
	<chem>Na2S2O3.5H2O</chem> MW=248.17	
Product code: 319280500		
C.A.S. : 10102-17-7		500 gr
EINECS : 231-867-5		
Assay %	99.5 - 101.0	
Insoluble matter %	Max 0.003	
Reaction pH	5.5-7.5	
Chloride(Cl) %	Max 0.02	
Nitrogen compounds(N) %	Max 0.005	
Sulfate and sulfite(SO ₄) %	Max 0.1	
Sulfide(S) %	Max 0.0002	
Calcium(Ca) %	Max 0.002	
Copper(Cu) %	Max 0.0005	
Iron(Fe) %	Max 0.0005	
Lead(Pb) %	Max 0.0005	
Magnesium(Mg) %	Max 0.001	
Potassium(K) %	Max 0.001	


Stearic acid	For Synthesis	
	<chem>C18H36O2</chem> MW =284.48	
Product code: 101350500		
C.A.S. : 57-11-4		500 gr
EINECS : 200-313-4		
Assay (mix of fatty acid) %		Min 98
Acid number		195 - 200
Sulfated ash %		Max 0.1
Iodine value		Max 4.0
Congealing temperature		Min 54°C
		
H315-H319-H335		
P261-P305-P351-P338-P302-P352-P321-P405-P501A		

Sorbic acid	Laboratory Reagent	
	<chem>C6H8O2</chem> MW =112.13	
Product code: 119130500		
C.A.S. : 110-44-1		500 gr
EINECS : 203-768-7		
Assay %	99 - 101	
Melting range °C	132 - 135	
Residue on ignition (as SO ₄) %	Max 0.2	
Aldehydes (as C ₂ H ₄ O) %	Max 0.15	
Heavy metals (Pb) %	Max 0.001	
Arsenic (As) %	Max 0.0003	
Water (Karl Fischer) %	Max 0.5	
		
H315-H319-H335		
P261-P305-P351-P338-P302-P352-P321-P405-P501		

Streptococcus Selection agar	For Microbiology	
Product code: DM2630500		500 gr
Casein enzymic hydrolysate		15.000 G/L
Papaic digest of soyabean meal		5.000 G/L
Dextrose		5.000 G/L
Sodium chloride		4.000 G/L
Sodium citrate		1.000 G/L
Sodium sulfite		0.200 G/L
L-Cystine		0.200 G/L
Sodium azide		0.200 G/L
Crystal violet		0.0002 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.4 ~ 0.2

Strontium carbonate	Laboratory Reagent	
	<chem>SrCO3</chem> MW =147.63	
Product code: 302070250		
C.A.S. : 1633-05-2		250 gr
EINECS : 216-643-7		
Assay (Complexometry) %		Min 98
Insoluble matter in CH ₃ COOH %		Max 0.025
Chloride (Cl) %		Max 0.02
Phosphate (PO ₄) %		Max 0.005
Copper (Cu) %		Max 0.002
Iron (Fe) %		Max 0.002
Nickel (Ni) %		Max 0.002
Lead (Pb) %		Max 0.002

Soya peptone	For Microbiology	
Product code: DM1080500		500 gr
pH (1.0 w/v aqueous solution)		6.4 ~ 0.5
Total nitrogen %		Min 9.0
à- Amino nitrogen %		Min 1.8
Sodium chloride %		Max 5.0
Moisture %		5.0
Ash %		14.0

Strontium chloride hexahydrate	Laboratory Reagent	
	<chem>SrCl2.6H2O</chem> MW =266.62	
Product code: 319070500		
C.A.S. : 10025-70-4		500 gr
EINECS : 233-971-6		
Assay (complexometric) %		Min 98
Insoluble matter in water %		Max 0.01
Sulfate (SO ₄) %		Max 0.005
pH (5% water)		5.0 - 7.0
Heavy metals (as Pb) %		Max 0.002
Barium (Ba) %		Max 0.01
Calcium (Ca) %		Max 0.1
Iron (Fe) %		Max 0.002
		
H318		
P280-P305-P351-P338-P310		

SS agar (Salmonella shigella agar)	For Microbiology	
Product code: DM2340500		500 gr
Beef extract		5.000 G/L
Peptic digest of animal tissue		5.000 G/L
Lactose		10.000 G/L
Bile salts mixture		8.500 G/L
Sodium citrate		10.000 G/L
Sodium thiosulfate		8.500 G/L
Ferric citrate		1.000 G/L
Brilliant green		0.00033 G/L
Neutral red		0.025 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.0 ~ 0.2
PH range		6.80 - 7.20
Reaction		reaction of 6.3% w/v aqueous solution at 25°C pH 7.0 ~ 0.2

Strontium nitrate anhydrousLaboratory Reagent
Sr(NO₃)₂ MW =211.63**Product code:** 320160500**C.A.S. :** 10042-76-9**500 gr****EINECS :** 233-131-9

Assay (complexometric) %	Min 98.0
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.02
Iron (Fe) %	Max 0.005
Lead (Pb) %	Max 0.005

H272-H302-H315-H319-H335
P221-P210-P220-P305-P351-P338-P405-P501A**Strontium sulfate anhydrous**Laboratory Reagent
SrSO₄ MW =183.68**Product code:** 320200500**C.A.S. :** 7759-02-6**500 gr****EINECS :** 231-850-2

Assay %	Min 98
Loss on ignition (20 min. 400 °C) %	Max 1.5
Alkalies (as sulfates) %	Max 1.0
Chloride (Cl) %	Max 0.005
Iron (Fe) %	Max 0.003

Succinic acidAnalytical Reagent
C₄H₆O₄ MW =118.09**Product code:** 119030100**C.A.S. :** 110-15-6**100 gr****EINECS :** 203-740-4

Assay %	Min 99.5
Melting point °C	185 - 190
Insoluble matter %	Max 0.003
Sulfated ash %	Max 0.01
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.002
Ammonium (NH ₄) %	Max 0.001
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.0005
Substances reducing permanganate (O) %	Max 0.008

H318-H335-H315
P261-P305-P351-P338-P302-P352-P321-P405-P501a**Succinic anhydride**For Synthesis
C₄H₄O₃ MW =100.07**Product code:** 519020500**C.A.S. :** 108-30-5**500 gr****EINECS :** 203-570-0

Assay %	Min 99
Melting point °C	117 - 119

H302-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A**Sucrose**Analytical Reagent
C₁₂H₂₂O₁₁ MW =342.30**Product code:** 500111000**C.A.S. :** 57-50-1**1 kg****EINECS :** 200-334-9

Specific rotation (x) 20 °C (10.0% w/v aqueous solution) +66.4° to +66.6°	
Insoluble matter %	Max 0.003
Loss on drying at 100 °C %	Max 0.05
Sulfated ash %	Max 0.02
Chloride (Cl) %	Max 0.0005
Nitrogen compounds (N) %	Max 0.002
Sulfate (SO ₄) %	Max 0.002
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.0001
Lead (Pb) %	Max 0.0001
Reducing sugars (C ₆ H ₁₂ O ₆) %	Max 0.01

SucroseLaboratory Reagent
C₁₂H₂₂O₁₁ MW =342.30**Product code:** 501291000/2500**C.A.S. :** 57-50-1**1 kg****2.5 kg****EINECS :** 200-334-9

Specific Rotation 20°C (10% w/v aq. solution)	+66.4° to +66.6°
Sulfated ash %	Max 0.02
Acidity or alkalinity reacting impurities	Passes test
Barium (Ba)	Passes test
Lead (Pb)	Passes test
Sulfite (SO ₃) %	Max 0.001
Dextrines	Passes test
Dye stuffs	Passes test
Glucose, invert sugars	Passes test

SucroseFor Molecular Biology
C₁₂H₂₂O₁₁ MW =342.30**Product code:** 500480500**C.A.S. :** 57-50-1**500 gr****EINECS :** 200-334-9

Assay %	Min 99.5
pH (of 1M soln. in water)	5.0 - 7.0
Specific Rotation ¼ (C=26% in water)	+65.5° to +67.5°
Maximum Absorbance (1M in water)	
at 260 nm	0.11
280 nm	0.08
Loss on drying (at 100°C) %	Max 0.1
Sulfated ash %	Max 0.01
Chloride (Cl) %	Max 0.005
Sulfate (SO ₄) %	Max 0.005
Arsenic (As) %	Max 0.00001
Aluminium (Al) %	Max 0.0005
Bismuth (Bi) %	Max 0.0005
Zinc (Zn) %	Max 0.0005
Cadmium (Cd) %	Max 0.0005
Calcium (Ca) %	Max 0.001
Chromium (Cr) %	Max 0.0005
Cobalt (Co) %	Max 0.0005
Copper (Cu) %	Max 0.0005
Iron (Fe) %	Max 0.0005
Heavy metals (as Pb) %	Max 0.0005
Lithium (II) %	Max 0.0005
Magnesium (Mg) %	Max 0.0005
Manganese (Mn) %	Max 0.0005
Nickel (Ni) %	Max 0.0005
Potassium (K) %	Max 0.005
Sodium (Na) %	Max 0.005
Strontium (Sr) %	Max 0.0005

Sulfanilamide

Analytical Reagent
 $C_6H_7N_2O_2S$ MW= 172.20

Product code: 202070100

C.A.S. : 63-74-1

100 gr

EINECS : 200-563-4

Assay (on dried material) %

Min 99

IR spectrum

Conforms to structure

Acid insoluble impurities

Passes test

Alkali insoluble impurities

Passes test

Melting range

163-166°C

Sulfate (SO₄) %

Max 0.02

Chloride (Cl) %

Max 0.01

Heavy metals (as Pb) %

Max 0.002

Loss on drying (105 °C) %

Max 0.5

Sulfated ash %

Max 0.1



H315-H319-H335-H303

P261-P280-P305-P351-P338-P304-P340-P405-P501A

5-Sulphosalicylic acid dihydrate

Laboratory Reagent
 $C_7H_6O_6 \cdot 2H_2O$ MW =254.21

Product code: 121020250

C.A.S. : 5965-83-3

250 gr

EINECS : 202-555-6

Assay %

Min 99

Sulfated ash %

Max 0.1

Iron (Fe) %

Max 0.001

Heavy metals (Pb) %

Max 0.01

Chloride (Cl) %

Max 0.01



H314-H302

P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501

Sulfuric Acid 0.05 M (0.1N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18001

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance

+/- 0.0005M

Appearance

Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.1 M (0.2N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18002

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance

+/- 0.0005M

Appearance

Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.25 M (0.5N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18005

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance

+/- 0.0005M

Appearance

Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.5 M (1N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18010

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance

+/- 0.0005M

Appearance

Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 1 M (2N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18020

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance

+/- 0.0005M

Appearance

Clear solution

The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric acid 98 %

Analytical Reagent
 H_2SO_4 MW= 98.08

Product code: 119042500

C.A.S. : 7664-93-9

2.5 L

EINECS : 231-639-5

Assay %	Min 98
Non-volatile matter %	Max 0.002
Chloride (Cl) %	Max 0.00002
Nitrate (NO ₃) %	Max 0.00002
Ammonium (NH ₄) %	Max 0.0002
Arsenic (As) %	Max 0.000005
Copper (Cu) %	Max 0.00001
Iron (Fe) %	Max 0.0001
Lead (Pb) %	Max 0.0001
Selenium (Se) %	Max 0.001
Substances reducing permanganate (O)	Max 0.0001



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric acid 98 %

Laboratory Reagent
 H_2SO_4 MW= 98.08

Product code: 119012500

C.A.S. : 7664-93-9

2.5 L

EINECS : 231-639-5

Assay (acidimetric) %	Min 98
Chloride (Cl) %	Max 0.0002
Nitrate (NO ₃) %	Max 0.0001
Heavy metals (as Pb) %	Max 0.0005
Ammonium (NH ₄) %	Max 0.0005
Arsenic (As) %	Max 0.00001
Iron (Fe) %	Max 0.0002
Substances reducing by KMnO ₄ %	Max 0.02 ml N/1
Residue on ignition %	Max 0.005
Wt. per ml at 20 °C	About 1.84



H314

P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

**Finding
US on the
web**

www.biochemopharma.fr

Tannic acid

Analytical Reagent
 $C_{76}H_{52}O_{46}$ MW = 1701.20

Product code: 120050100

C.A.S. : 1401-55-4

100 gr

EINECS : 215-753-2

Heavy metals (as Pb) %
Arsenic (As) %
Loss on drying (at 105 °C) %
Sulfated ash %

Max 0.003
Max 0.0003
Max 12
Max 0.1

L-(+)-Tartaric acid

Laboratory Reagent
 $C_4H_6O_6$ MW = 150.09

Product code: 120030500

C.A.S. : 87-69-4

500 gr

EINECS : 201-766-0

Assay %
Chloride (Cl) %
Sulfate (SO₄) %
Oxalate (C₂O₄) %
Heavy metals (as Pb) %
Lead (Pb) %
Copper (Cu) %
Zinc (Zn) %
Arsenic (As) %
Loss on drying (at 105 °C) %
Sulfated ash %

Min 99.5
Max 0.002
Max 0.015
Max 0.05
Max 0.001
Max 0.001
Max 0.001
Max 0.001
Max 0.0001
Max 0.5
Max 0.05



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Tartrazine

For Microscopy
 $C_{16}H_9N_4Na_3O_9S_2$ MW = 534.37

Product code: 120060025

C.A.S. : 1934-21-0

25 gr

EINECS : 217-699-5

Absorption maxima in water
Absorptivity, 1cm, I_{max}
Loss on drying at 135 °C %

421 - 427nm
Min 400
Max 15



H334-H317
P285-P261-P280-P302-P352-P321-P501a

TCBS agar

For Microbiology

Product code: DM2640500

500 gr

Proteose pepetone
Yeast extract
Sodium thiosulfate
Sodium citrate
Oxgall
Sucrose
Sodium chloride
Ferric citrate
Bromo thymol blue
Thymol blue
Agar
Final pH (at 25 °C)
pH range
Reaction

10.000 G/L
5.000 G/L
10.000 G/L
10.000 G/L
8.000 G/L
20.000 G/L
10.000 G/L
1.000 G/L
0.040 G/L
0.040 G/L
15.000 G/L
8.6 ~ 0.2
8.40 - 8.80
reaction of 8.9% w/v aqueous solution at 25 °C pH 8.6 ~ 0.2

Terpineol anhydrous

Laboratory Reagent
 $C_{10}H_{16}O$ MW = 154.25

Product code: 102170500

C.A.S. : 8006-39-1

500 ml

Appearance
Mixture of isomers Contains %
Water %
Density (d₂₀^{°C}/4 °C)
Refractive index (n₂₀^{°C})

Colorless to yellowish liquid
~65%, ~20%, ~10
Max. 0.5
~0.934
~1.483



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Tert-Butanol

Analytical Reagent
 $C_4H_{10}O$ MW = 74.12

Product code: 220020500

C.A.S. : 75-65-0

500 ml

EINECS : 200-889-7

Assay (GC) %
Wt. per ml at 30 °C
Freezing point °C
Refractive index
Water %
Acidity (CH₃COOH) %
Non volatile matter %
Aldehydes and ketones (C₃H₇CHO) %
Butan-2-ol [C₄H₉(OH)] %
Copper (Cu) %
Iron (Fe) %
Lead (Pb) %

Min 99
0.773 - 0.778 g
Min 25
1.384 - 1.386
Max 0.5
Max 0.003
Max 0.001
Max 0.01
Max 0.2
Max 0.00005
Max 0.00005
Max 0.00005



H225-H332-H319-H335
P210-P241-P303-P361-P353-P305-P351-P338-P405-P501

Tetramethyl ammonium hydroxide solution in water

Laboratory Reagent
(CH₃)₄N.OH MW = 91.15

Product code: 303160100

C.A.S. : 75-59-2

100 ml

EINECS : 200-882-9

Appearance
Assay (acidimetric) %
Wt. per ml at 20 °C
Sulfated ash %
Halide (as Cl) %

Clear colorless solution
24 - 26
~1.02 g
Max 0.1
Max 0.2



H300-H310-H370-H372-H314-H411
P260-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A



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N,N,N'-Tetramethylethylenediamine Analytical Reagent
 $C_6H_{16}N_2$ MW =116.21

Product code: 520050100/0250
C.A.S. : 110-18-9
EINECS : 203-744-6

Assay % Min 99
 Iron (Fe) % Max 0.00001
 Water % Max 0.5
 Sulfated ash % Max 0.005
 Refractive index ~1.4179



H225-H314-H302-H332
 P210-P260-P303-P361-P353-P305+P351-P338-P405-P501A

Thiamine hydrochloride For Biochemistry
 $C_{12}H_{18}Cl_2N_4OS_2H_2O$ MW= 337.27

Product code: 520420010
C.A.S. : 67-03-8
EINECS : 200-641-8

Assay % Min 99



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Thioacetamide Analytical Reagent
 CH_3CSNH_2 MW =75.13

Product code: 520080100
C.A.S. : 62-55-5
EINECS : 200-541-4

Assay (ex N) % Min 99
 Heavy metals (as Pb) % Max 0.001
 Iron (Fe) % Max 0.0005
 Sulfated ash % Max 0.05
 Melting point °C 111 - 114



H350-H302-H315-H319-H412
 P280-P302-P352-P305-P351-P338-P321-P405-P501a

Thioglycollate agar For Microbiology

Product code: DM2650500
C.A.S. : 76-61-9
EINECS : 200-973-3

Casein enzymic hydrolysate 15.000 G/L
 Dextrose 5.500 G/L
 Sodium chloride 2.500 G/L
 Yeast extract 5.000 G/L
 Sodium thioglycollate 0.500 G/L
 L-Cystine 0.500 G/L
 Resazurin sodium salt 0.001 G/L
 Agar 20.000 G/L
 Final pH (at 25°C) 7.1 ~0.2

Thionyl chloride For Synthesis
 $SOCl_2$ MW =118.97

Product code: 113060500
C.A.S. : 7719-09-7
EINECS : 231-748-8

Assay (iodometric/ex Cl) % 99.0 - 101
 Wt. per ml at 20°C About 1.64 g



H314-H302-H332
 P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Thiourea Analytical Reagent
 $NH_2CS.NH_2$ MW =76.12

Product code: 520010500
C.A.S. : 62-56-6
EINECS : 200-543-5

Assay % Min 99
 Melting point °C 174 - 178
 Water insoluble matter % Max 0.005
 Sulfated ash % Max 0.05
 Sulfate (SO₄) % Max 0.01
 Iron (Fe) % Max 0.0005
 Loss on drying (at 105 °C) % Max 0.5



H351-H361-H302-H411
 P273-P280h

L-Threonine For Biochemistry
 $C_4H_9NO_3$ MW =119.12

Product code: 520300005/0025
C.A.S. : 72-19-5
EINECS : 200-774-1

Assay (HClO₄ titration) % Min 99
 Heavy metals (as Pb) % Max 0.001
 Ammonium (NH₄) % Max 0.01
 Foreign amino acids % Max 0.3
 Other ninhydrin positive substances (as glycine) % Max 0.1

Thymol blue indicator Analytical Reagent
 $C_{27}H_{30}O_5S$ MW =466.60

Product code: 303410005/0025
C.A.S. : 76-61-9
EINECS : 200-973-3

Acidic range pH 1.2-2.8 Red to yellow
 Alkaline range pH 8.0-9.6 Yellow to blue
 Loss on drying % Max 10
 Dye content (By Spectrophotometry) % Min. 95.0

Titan yellow Analytical Reagent
 $C_{28}H_{19}N_5Na_2O_6S_4$ MW =695.73

Product code: 420260010
C.A.S. : 1829-00-1

pH 12.0 - 13.0 Yellow to red
 Absorption maxima 398 - 402 nm
 Loss on drying (at 110°C) % Max 8

Titanium (IV) oxide

Analytical Reagent
TiO₂ MW =79.90

Product code: 320150500

C.A.S. : 13463-67-7

500 gr

EINECS : 236-675-5

Assay %
Heavy metals (as Pb) %
Iron (Fe) %
Arsenic (As) %
Antimony (Sb) %
Soluble in acid (HCl 0.5 mol/L) %
Loss on drying (at 105 °C) %
Loss on ignition (at 1000 °C; 2h) %

Min 99.5
Max 0.002
Max 0.02
Max 0.0003
Max 0.005
Max 0.5
Max 0.5
Max 0.5



H351
P281-P201-P202-P308-P313-P405-P501A

Toluene

Analytical Reagent
C₇H₈ MW =92.14

Product code: 220092500

C.A.S. : 108-88-3

2.5 L

EINECS : 203-625-95

Assay (by GC) %
Water (KF) %
Acidity (meq/g) (meq/g)
Residue on Evaporation %
Sulfur Compounds %

Min 99.5
Max 0.03
Max 0.0005
Max 0.002
Max 0.0003



H225-H304-H361-H373-H315-H336
P210-P260-P301-P310-P303-P361-P353-P405-P501A

Toluene

Laboratory Reagent
C₇H₈ MW =92.14

Product code: 220012500

C.A.S. : 108-88-3

2.5 L

EINECS : 203-625-95

Assay (by GC) %
Water (KF) %
Residue on Evaporation %
Acidity (meq/g) (meq/g) %

Min 99.0
Max 0.1
Max 0.005
Max 0.0005



H225-H304-H361-H373-H315-H336
P210-P260-P301-P310-P303-P361-P353-P405-P501A

Toluene

For HPLC & Spectroscopy
C₇H₈ MW =92.14

Product code: 220351000

C.A.S. : 108-88-3

1 L

EINECS : 203-625-95

Assay (GC) %
Non volatile matter %
Water %
Absorbance in 1.0 cm cell against water at:
285 nm
290 nm
300 nm
310 nm
335 nm
350 nm

Min 99.8
Max 0.0001
Max 0.05
Max 1.00
Max 0.50
Max 0.20
Max 0.10
Max 0.02
Max 0.01



H225-H304-H361-H373-H315-H336
P210-P260-P301-P310-P303-P361-P353-P405-P501A

Toluidine blue

For Microscopy
C₁₅H₁₆ClN₃S MW =305.8

Product code: 303350025

C.A.S. : 92-31-9

25 gr

EINECS : 202-146-2

Dye content (By spectrophotometry) %
Absorption maximum in water
Solubility (0.1%; water)
Absorptivity (0.005g/l in H₂O)
Loss on drying (at 110 °C) %

Min 80
628 - 633 nm
Clear solution
Min 1200
Max 8

o-Toluidine

Analytical Reagent
C₇H₉N MW =107.16

Product code: 220190500

C.A.S. : 95-53-4

500 ml

EINECS : 202-429-0

Assay (GC) %
Wt. Per ml at 20 °C
Chloride (Cl) %
Heavy metals (Pb) %
Iron (Fe) %
Water %
Sulfated ash %
Suitability for glucose determination

Min 99.5
0.998 - 1.000g
Max 0.0005
Max 0.0001
Max 0.0001
Max 0.1
Max 0.005
Passes test



H301-H331-H319-H350-H400-H227-H313
P273-P201-P309-P310

P-Toluidine

Analytical Reagent
C₇H₉N MW =107.16

Product code: 301670100

C.A.S. : 106-49-0

100 gr

EINECS : 203-403-1

Assay %
Melting point
Insoluble matter in dil HCl %
Sulfated ash %
p-Nitrotoluene (CH₃C₆H₄NO₂) %
Toluene (C₆H₅CH₃) %
m-Toluidine (CH₃C₆H₄NH₂) %
o-Toluidine (CH₃C₆H₄NH₂) %

Min 99
42 - 44 °C
Max 0.01
Max 0.02
Max 0.001
Max 0.1
Max 0.3
Max 0.1



H301-H311-H331-H319-H317-H351-H400
P280H-P273-P309-P310-P302-P352



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Trehalose dihydrate

For Biochemistry
 $C_{12}H_{22}O_{11} \cdot 2H_2O$ MW =378.34

Product code: 220390005

C.A.S. : 6138-23-4

5 gr

EINECS : 202-739-6

Assay %	Min 99
Melting point on dried substance (at 130 °C) °C	210 - 215
Loss on drying (at 130 °C) %	9 - 10
Specific rotation 5% in water	+177° to +180°
Sulfated ash %	Max 0.2

tri-Ammonium citrate

Analytical Reagent
 $C_6H_{17}N_3O_7$ MW =243.22

Product code: 300290500

C.A.S. : 3458-72-8

500 gr

EINECS : 222-394-5

Assay %	98.5 - 101
pH (5% solution)	6.0 - 7.5
Water insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.001
Oxalate (C_2O_4) %	Max 0.01
Sulfate (SO_4) %	Max 0.005
Copper (Cu) %	Max 0.0001
Iron (Fe) %	Max 0.0005
Lead (Pb) %	Max 0.0005
Potassium (K) %	Max 0.003
Sodium (Na) %	Max 0.004



H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501

Trichloroacetic acid

Analytical Reagent
 Cl_3CCO_2H MW =163.39

Product code: 120010500

C.A.S. : 76-03-9

500 gr

EINECS : 200-927-2

Assay %	Min 99
Freezing point	Min 56 °C
Insoluble matter %	Max 0.005
Heavy metals (as Pb) %	Max 0.002
Chloride (Cl) %	Max 0.001
Nitrate (NO_3) %	Max 0.002
Phosphate (PO_4) %	Max 0.0005
Sulfate (SO_4) %	Max 0.02
Residue on ignition %	Max 0.02
Iron (Fe) %	Max 0.001
Substance darkened by H_2SO_4	Passes test



H314-H400-H410
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Trichloroacetic acid

Laboratory Reagent
 Cl_3CCO_2H MW =163.39

Product code: 120130500

C.A.S. : 76-03-9

500 gr

EINECS : 200-927-2

Assay (acidimetric) %	Min 98.0
Freezing point °C	55.5 - 58.0
Sulfated ash %	Max 0.02
Chloride (Cl) %	Max 0.02
Sulfate (SO_4) %	Max 0.02



H314-H400-H410
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Trichloroethylene

Analytical Reagent
 C_2HCl_3 MW =131.79

Product code: 220340500

C.A.S. : 79-01-6

500 ml

EINECS : 201-167-4

Assay %	Min 99.5
APHA colour	Max 10
Non volatile matter %	Max 0.001
Ethanol %	Max 0.5
Tetrachloroethylene %	Max 0.05
Free halogens	Passes test
Acidity	Max 0.0001 meq/g
Alkalinity	Max 0.0003 meq/g
Water (H_2O) %	Max 0.02
Chloride (Cl) %	Max 0.0004
Heavy metals (as Pb) %	Max 0.001



H350-H341-H315-H319-H336-H412
P261-P280-P281-P305-P351-P338-P405-P501A

Triethylamine

Analytical Reagent
 $(C_2H_5)_3N$ MW =101.19

Product code: 301930500

C.A.S. : 121-44-8

500 ml

EINECS : 204-469-4

Assay %	Min 99.5
Wt. per ml at 20 °C	0.727 g
Colour	Max 10 Hazen units
Water %	Max 0.1
Non-volatile matter %	Max 0.01
Aluminium (Al) %	Max 0.000005
Barium (Ba) %	Max 0.000002
Cadmium (Cd) %	Max 0.000002
Calcium (Ca) %	Max 0.000005
Chromium (Cr) %	Max 0.000002
Cobalt (Co) %	Max 0.000002
Copper (Cu) %	Max 0.000002
Iron (Fe) %	Max 0.000002
Lead (Pb) %	Max 0.000002
Magnesium (Mg) %	Max 0.000002
Manganese (Mn) %	Max 0.000002
Nickle (Ni) %	Max 0.000002
Potassium (K) %	Max 0.000005
Sodium (Na) %	Max 0.000005
Strontium (Sr) %	Max 0.000002
Zinc (Zn) %	Max 0.00001
U.V. Absorbance	Passes test



H225-H314-H302-H312-H332
P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

Trifluoroacetic acid For Synthesis
 $C_2HF_3O_2$ MW =114.02

Product code: 301920100
C.A.S. : 76-05-1 **100 ml**
EINECS : 200-929-3

Assay (by acidimetry) % Min 98
 Density (d20 deg/4 °C) 1.487 - 1.489
 Refractive index 1.2995-1.3005



H314-H332-H412
 P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501

Tris(hydroxymethyl)aminomethane For Molecular biology
 $NH_2C(CH_2OH)_3$ MW =297.95

Product code: 520140100
C.A.S. : 77-86-1 **100 gr**
EINECS : 201-064-4

Assay (Acidimetric, on dried material) % Min 9.8
 Melting point °C 168-172
 pH (of 1M soln. in water) 10.5 - 12.0
 Los on drying (at 105°C) % Max 0.5
 Maximum UV Absorbance (1M soln. in HPLC water) at 260 nm 0.04
 Maximum UV Absorbance (40% soln. in HPLC water, 1cm) at 290 nm 0.05
 Insoluble matter Passes filter test
 Chloride (Cl) % Max 0.02
 Sulfate (SO₄) % Max 0.005
 Iron (Fe) % Max 0.005
 Heavy metals (as Pb) % Max 0.002



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Tripe sugar iron agar TSI For Microbiology

Product code: DM2350500 **500 gr**

Peptic digest of animal tissue 10.000 G/L
 Casein enzymic hydrolysate 10.000 G/L
 Yeast extract 3.000 G/L
 Beef extract 3.000 G/L
 Lactose 10.000 G/L
 Sucrose 10.000 G/L
 Dextrose 1.000 G/L
 Sodium chloride 5.000 G/L
 Ferrous sulfate 0.200 G/L
 Sodium thiosulfate 0.300 G/L
 Phenol red 0.024 G/L
 Agar 12.000 G/L
 Final pH (at 25°C) 7.4 ~ 0.2
 pH range 7.20 - 7.60
 Reaction reaction of 6.4% w/v aqueous solution at 25°C pH 7.4 ~ 0.2

Tris hydrochloride Analytical Reagent
 $C_3H_7NO_3.HCl$ MW =157.60

Product code: 520040100
C.A.S. : 1185-53-1 **100 gr**
EINECS : 214-684-5

Assay (Cl) % Min 99
 pH (0.5M in water, 20°C) 3.5 - 5.0
 Loss on drying (at 110°C) % Max 0.2
 Residue on ignition (SO₄, at 900°C) % Max 0.2
 Solubility (0.5 M in water, at 20°C) Complete and colourless
 Insoluble matter Passes filter test
 Absorption max (0.5 M in water):
 At 260 nm Max 0.015
 At 280 nm Max 0.010

Tris(hydroxymethyl)aminomethane Analytical Reagent
 buffer $NH_2C(CH_2OH)_3$ MW =121.14

Product code: 520000100
C.A.S. : 77-86-1 **100 gr**
EINECS : 201-064-4

Assay (HClO₄) titration on anhydrous substances. % Min 99.5
 pH (5% water) 10 - 11
 Absorptivity A 250 - 440 nm (1cm; 10% water) Passes test
 Melting point °C 169 - 171
 Chloride (Cl) % Max 0.001
 Sulfated ash % Max 0.01
 Water % Max 0.5
 Biological buffer at 25°C pKa 8.07



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Triton X 100 Laboratory Reagent

Product code: 318550500 **500 ml**
C.A.S. : 9002-93-1

Wt per ml at 20 °C About 1.06 gm
 pH 5% aqueous solution 6 - 8



H302-H319-H411
 P273-P305-P351-P338

Trypan blue For Microscopy

Product code: 420030025
C.A.S. : 72-57-1 **25 gr**
EINECS : 200-786-7

Dye content % Min 70



H350-H361
 P201-P202-P281-P308-P313-P405-P501a

Tris(hydroxymethyl)aminomethane Laboratory Reagent
 buffer $NH_2C(CH_2OH)_3$ MW =121.14

Product code: 520290500
C.A.S. : 77-86-1 **500 gr**
EINECS : 201-064-4

Assay % Min 99.0
 Melting point °C 165 - 170
 Sulphated ash % Max 0.15
 Biological buffer pKa at 20°C about 8.3



H315-H319-H335
 P261-P280-P305-P351-P338-P304-P340-P405-P501A

Trypsin 1: 250

Laboratory Reagent

Product code: 303480025**C.A.S. :** 9002-07-7**25 gr****EINECS :** 232-650-8

Appearance

Light brown Colored powder

H334-H335-H315-H319
P285-P261-P280-P305-P351-P338-P405-P501A**Trypsin 2000 U/G**

Laboratory Reagent

Product code: 303500100**C.A.S. :** 9002-07-7**100 gr**

Solubility in water %

Min 98

Loss on drying %

Max 5

Pathogenic germs

Absent

Salmonella

Absent

Escherichia coli

Absent

Pseudomonas aeruginosa

Absent

Staphylococcus aureus

Absent

H315-H319-H334-H335
P261-P305-P351-P338-P342-P311**Tryptone type-(I)**

For Microbiology

Product code: DM1090500**500 gr****DL-Tryptophan**

For Biochemistry

 $C_{11}H_{12}N_2O_2$ MW =204.23**Product code:** 318580025**C.A.S. :** 54-12-6**25 gr****EINECS :** 233-886-4

Assay (Non - Aqueous) %

Min 9.0

Iron (Fe) %

Max 0.03

Heavy metals (as Pb) %

Max 0.01

Los on drying (105°C) %

Max 0.5

H300-H310-H330-H272-H373-H400-H410
P221-P301-P310-P304-P340-P320-P330-P361-P405-P501A**L-Tryptophan**

For Biochemistry

 $C_{11}H_{12}N_2O_2$ MW =204.23**Product code:** 318570025**C.A.S. :** 73-22-3**25 gr****EINECS :** 200-795-6Assay (HClO₄ titration) %

Min 99

Heavy metals (as Pb) %

Max 0.001

Ammonium (NH₄) %

Max 0.01

Foreign amino acids %

Max 0.3

Other ninhydrin-positive substances (as glycine)

Max 0.1

Tween-20

Laboratory Reagent

 $C_{55}H_{114}O_{26}$ MW =1227.72**Product code:** 520200500**C.A.S. :** 9005-64-5**500 ml**

Hydroxyl number

97 - 113

Saponification value

40 - 51

Density (d20°C/4°C)

1.105 - 1.107

Tween-80

Laboratory Reagent

Product code: 520800500**C.A.S. :** 9005-64-5**500 ml**

Refractive Index

1.471-1.473

Acid value

Max 2

Saponification Value

45-55

Viscosity at 25 °C

400-500 cSt

Water %

Max 3.0

Wt/ml at 20 °C

1.077-1.081

L-Tyrosine

For Biochemistry

 $C_9H_9NO_3$ MW =181.19**Product code:** 520250025**C.A.S. :** 60-18-4**25 gr****EINECS :** 200-460-4Assay (HClO₄ titration) %

Min 99

Heavy metals (as Pb) %

Max 0.001

Ammonium (NH₄) %

Max 0.01

Foreign amino acids %

Max 0.3

Other ninhydrin-positive substances (as glycine) %

Max 0.1

H315-H319-H335
P261-P305-P351-P338-P302-P352-P321-P405-P501A**Finding
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Urea agar base (Christensen)

For Microbiology

Product code: DM2660500	500 gr
Peptic digest of animal tissue	1.000 G/L
Dextrose	1.000 G/L
Sodium chloride	5.000 G/L
Disodium phosphate	1.200 G/L
Monopotassium phosphate	0.800 G/L
Phenol red	0.012 G/L
Agar	15.000 G/L
Final pH (at 25°C)	6.8 ~ 0.2
PH range	6.60 - 7.00
Reaction	reaction of 2.4% w/v aqueous solution at 25°C pH 6.8 ~ 0.2

Urea cryst. Pure

Laboratory Reagent

NH₂CONH₂ MW =60.06

Product code: 521030500	500 gr
C.A.S. : 57-13-6	
EINECS : 200-315-5	
Assay (Kjeldahl) %	Min 9.0
Melting Point °C	131° - 134
Sulfated ash %	Max 0.1
Chloride (Cl) %	Max 0.02
Sulfate (SO ₄) %	Max 0.05

L-Valine

For Biochemistry

C₅H₁₁NO₂ MW =117.15

Product code: 522020025	25 gr
C.A.S. : 72-18-4	
EINECS : 200-773-6	
Assay %	Min 99
Heavy metals (as Pb) %	Max 0.001
Ammonium (NH ₄) %	Max 0.01
Foreign amino acids %	Max 0.3
Other ninhydrin positive substances (as glycine) %	Max 0.1

Vanillin

For Synthesis

CH₃O.C₆H₅(OH).CHO MW =152.15

Product code: 406170100	100 gr
C.A.S. : 121-33-5	
EINECS : 204-465-2	
Assay %	Min 99
Melting point °C	81- 83
Sulfated ash %	Max 0.1



H302-H332
P261-P264-P304-P340-P301-P312-P312-P501A

Violet red bile agar

For Microbiology

Product code: DM2670500	500 gr
Peptic digest of animal tissue	7.000 G/L
Yeast extract	3.000 G/L
Lactose	10.000 G/L
Bile salts mixture	1.500 G/L
Sodium chloride	5.000 G/L
Neutral red	0.030 G/L
Crystal violet	0.002 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ~ 0.1
pH range	7.30 - 7.50
Reaction	reaction of 4.15% w/v aqueous solution at 25°C pH 7.4 ~ 0.1

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Water	For HPLC	
	H ₂ O	MW =18.02
Product code: 522111000		
C.A.S. : 7732-18-5		1 L
EINECS : 231-791-2		
pH		5 - 7
Residue on evaporation %		Max 0.0005
UV transmission (with air as blank):		
At 200 nm %		Min 100
At 250 nm %		Min 100
Colour		Max 10 Hazen

Water	LC-MSChrom	
	H ₂ O	MW =18.02
Product code: 522162500		
C.A.S. : 7732-18-5		2.5 L
EINECS : 231-791-2		
Colour (j.Hz)		Max 5
Specific elektrolitic conductance(25°C) (uS/cm) %		Max 2
Total Organic Carbon (TOC) %		Max 0.2
Phenolphthalein presence		not contain not contain
Gradient specifications (254 nm) -Largest peak (mAU)		Max 2
Magnesium (Mg) (ppm)		Max 0.1
Potassium (K) (ppm)		Max 0.1
Sodium (Na) (ppm)		Max 0.1
Calcium (Ca) (ppm)		Max 0.1
Filtration (0,2 um)		passes test passes test
Interfering of peaks caused by impurities determined as:		
- Lindane (GC/ECD) max.5ng/l or Parathion (GC/NPD)		
Max.10ng/l		passes test

Xanthine	For Biochemistry	
	C ₅ H ₄ N ₂ O ₂	MW =152.11
Product code: 522140005		
C.A.S. : 69-89-6		5 gr
EINECS : 200-718-6		
Assay %		Min 98
Heavy metals (as Pb) %		Max 0.001

Xylene	Analytical Reagent	
	C ₈ H ₁₀	MW =106.17
Product code : 522152500		
C.A.S. : 1330-20-7		2.5 L
EINECS : 215-535-7		
Assay (by GC) %		Min 98.0
Water %		Max 0.05
Residue on Evaporation %		Max 0.002
Acidity (meq/g) (meq/g)		Max 0.0005
Sulfur Compounds %		Max 0.001
Benzene %		Max 0.1
Assay of toluene %		Max 0.5



H226-H312-H332-H315
P210-P262-P302+P352

m-Xylene	For Synthesis	
	C ₈ H ₁₀	MW =106.17
Product code : 522180500		
C.A.S. : 108-38-3		500 ml
EINECS : 203-576-3		
Assay %		Min 99
Desnity (d20°/4°C)		~0.864
Free acid (as HCl) %		Max 0.002
Ethyl benzene %		Max 0.1
o-Xylene %		Max 0.5
p-Xylene %		Max 0.3
Toluene %		Max 0.1



H226-H312-H332-H315-H303
P210-P262-P302-P352

o-Xylene	For Synthesis	
	C ₈ H ₁₀	MW =106.17
Product code : 522190500		
C.A.S. : 95-47-6		500 ml
EINECS : 202-422-2		
Assay %		Min 98
Desnity (d20°/4°C)		0.878 - 0.881
Refractive index (n20°/D)		~1.5054



H226-H312-H332-H315
P210-P262-P302-P352



p-Xylene

For Synthesis
 C_8H_{10} MW =106.17

Product code : 522200500

C.A.S. : 106-42-3

500 ml

EINECS : 203-396-5

Assay %

Min 99

Desnity (d20°/4°C)

0.860 - 0.862

Refractive index (n20°/D)

~1.4958



H314-H226

P210-P260-P303-P361-P353-P305-P351-P338-P405-P501A

p-Xylenol blue indicator

Analytical Reagent
 $C_{23}H_{22}O_5S$ MW =410.49

Product code : 522230001

C.A.S. : 125-31-5

1 gr

EINECS : 204-736-5

Active range pH 1.2 - 3.8

Red to yellow

Alkaline range pH 8.0 - 9.6

Yellow to blue



H315-H319-H335

P261-P280-P305-P351-P338-P304-P340-P405-P501A

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Yeast extract powder

For Microbiology

Product code: DM1110500

500 gr

Description

light yellow or lighth to buff brown

Coloured free flowing spay dried powder havinga a characteristic sweet odour solubility 2% solution in water is clear and sweteplete

Autoclave test passes test

pH of (2% solution in water) 5.0 - 7.0

Total nitrogen (by kjeldals method) % Min 9.5

Protein content % Min 59.4

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www.biochemopharma.fr

Zinc acetate dihydrate

Analytical Reagent
 $(CH_3COO)_2Zn \cdot 2H_2O$ MW =219.50

Product code : 326010500

C.A.S. : 5970-45-6

500 gr

EINECS : 209-170-2

Assay %

Min 99.5

Insoluble matter %

Max 0.003

Chloride (Cl) %

Max 0.001

Nitrogen compounds (N) %

Max 0.002

Sulfate (SO₄) %

Max 0.005

Cadmium (Cd) %

Max 0.0005

Calcium (Ca) %

Max 0.001

Copper (Cu) %

Max 0.0005

Iron (Fe) %

Max 0.0005

Lead (Pb) %

Max 0.0005

Sodium (Na) %

Max 0.001



H400-H410-H302-H319

P280-P273-P305-P351-P338-P301-P312-P337-P313-P501A

Zinc carbonate basic

Laboratory Reagent
 $[ZnCO_3]_2 [Zn(OH)_2]_3$ MW =549.02

Product code : 326020500

C.A.S. : 5263-02-5

500 gr

EINECS : 226-076-7

Assay (complexometry Zn) %

Min 47

Chloride (Cl) %

Max 0.05

Sulfate (SO₄) %

Max 0.5

Arsenic (As) %

Max 0.0005

Lead (Pb) %

Max 0.002

Calcium (Ca) %

Max 0.5

Iron (Fe) %

Max 0.02

Residue on ignition %

70 - 74

Zinc chloride

Analytical Reagent
ZnCl₂ MW =136.28

Product code: 326030500

C.A.S. : 7646-85-7

500 gr

EINECS : 231-592-0

Assay %	Min 98
Insoluble matter %	Max 0.005
Oxide chloride (as ZnO)	Passes test
Sulfate (SO ₄) %	Max 0.01
Nitrate (NO ₃) %	Max 0.003
Lead (Pb) %	Max 0.005
Iron (Fe) %	Max 0.001
Magnesium (Mg) %	Max 0.01
Calcium (Ca) %	Max 0.06
Sodium (Na) %	Max 0.05
Potassium (K) %	Max 0.02
Ammonium (NH ₄) %	Max 0.005



H314-H400-H410-H302
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Zinc metal granular

Analytical Reagent
Zn MW =65.37

Product code : 326000500

C.A.S. : 7440-66-6

500 gr

EINECS : 231-175-3

Assay (by complexometry) %	Min 99.9
Lead (Pb) %	Max 0.005
Tin (Sn) %	Max 0.005
Copper (Cu) %	Max 0.001
Iron (Fe) %	Max 0.02
Cadmium (Cd) %	Max 0.0005
Arsenic (As) %	Max 0.00001

Zinc nitrate hexahydrate

Analytical Reagent
N₂O₆Zn.6H₂O MW =297.48

Product code : 326140500

C.A.S. : 10196-18-6

500 ml

EINECS : 231-943-8

Assay %	Min 98
Water insoluble matter %	Max 0.005
Chloride (Cl) %	Max 0.001
Sulfate (SO ₄) %	Max 0.005
Cadmium (Cd) %	Max 0.0005
Calcium (Ca) %	Max 0.001
Copper (Cu) %	Max 0.0005
Lead (Pb) %	Max 0.001
Magnesium (Mg) %	Max 0.001
Nickel (Ni) %	Max 0.0005
Potassium (K) %	Max 0.001
Sodium (Na) %	Max 0.001
Iron (Fe) %	Max 0.0005



H272-H302-H315-H319-H335
P221-P210-P220-P305-P351-P338-P405-P501A

Zincon

Analytical Reagent
C₂₀H₁₅N₄NaO₅S.H₂O MW =480.43

Product code : 326310001

C.A.S. : 62625-22-3

1 gr

EINECS : 263-651-1

Absorption maxima in NaOH 0.001 mol/L	490 - 495 nm
Absorptivity, 1cm, c _{max}	Min 375
Loss on drying at 135°C %	Max 10
Suitability as complexometric indicator	Passes test



H315-H319-H335
P261-P280-P305-P351-P338-P304-P340-P405-P501A

Zirconium (IV) oxide

Laboratory Reagent
ZrO₂ MW =123.22

Product code : 326240500

C.A.S. : 1314-23-4

500 gr

EINECS : 215-227-2

Assay %	Min 97.0
Silicate (SiO ₂) %	Max 0.25
Titanium (TiO ₂) %	Max 0.16
Iron (Fe ₂ O ₃) %	Max 0.07
Loss on ignition at 1000°C %	2.0 - 3.5



H319 H335 H315
P280-P302-P352-P304-P340-P305-P351-P338-P309-P311

Zirconyl nitrate

Laboratory Reagent
ZrO(NO₃)₂.H₂O MW =231.23

Product code : 326180100

C.A.S. : 14985-18-3

100 gr

EINECS : 237-529-3

Assay (Gravimetric) %	Min 99.5
ZrO ₂ + HfO ₂ %	Min 35.0



H272-H315-H319
P221-P210-P220-P280-P305-P351-P338-P501A



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Acetic Acid 0.1 M (0.1N) Standardized solution traceable to NIST
 $C_2H_4O_2$ MW =60.04

Product code: BVS01001
C.A.S. : 64-19-7 **1 L**
EINECS : 200-580-7

Acetic Acid 1 M (1N) Standardized solution traceable to NIST
 $C_2H_4O_2$ MW =60.04

Product code: BVS01010
C.A.S. : 64-19-7 **1 L**
EINECS : 200-580-7

Ammonium thiocyanate 0.1 M (0.1N) Standardized solution traceable to NIST
 NH_4SCN MW =76.12

Product code: BVS02001
C.A.S. : 1762-95-4 **1 L**
EINECS : 217-175-6



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

Ammonium thiocyanate 1 M (1N) Standardized solution traceable to NIST
 NH_4SCN MW =76.12

Product code: BVS02010
C.A.S. : 1762-95-4 **1 L**
EINECS : 217-175-6



H302-H312-H332-H412-EUH032
P261-P280-P302-P352-P304-P322-P501

EDTA di-Sodium Salt 0.1 M (0.2N) Standardized solution traceable to NIST
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW =372.24

Product code: BVS03002
C.A.S. : 6381-92-6 **1 L**
EINECS : 205-358-3

EDTA di-Sodium Salt 0.5 M (1N) Standardized solution traceable to NIST
 $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ MW =372.24

Product code: BVS03010
C.A.S. : 6381-92-6 **1 L**
EINECS : 205-358-3

Hydrochloric acid 0.1 M (0.1N) Standardized solution traceable to NIST
HCl MW =36.46

Product code: BVS04001
C.A.S. : 7647-01-0 **1 L**
EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrochloric acid 1 M (1N) Standardized solution traceable to NIST
HCl MW =36.46

Product code: BVS04010
C.A.S. : 7647-01-0 **1 L**
EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a

Hydrochloric acid 2 M (2N) Standardized solution traceable to NIST
HCl MW =36.46

Product code: BVS04020
C.A.S. : 7647-01-0 **1 L**
EINECS : 231-595-7

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314-H335
P260-P301-P330-P331-P361-P3535-P305-P351-P338-P405-P501a



Iodine 0.5 M (1N) Standardized solution
traceable to NIST
 I_2 MW =253.81

Product code: BVS05010
C.A.S. : 7553-56-2 **1 L**
EINECS : 231-442-4

Tolerance +/- 0.0005M
Appearance Brown solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H311-H314-H318-H400-H332
P260-P303-P361-P353-P305-P351-P338-P361-P405-P501

Nitric Acid 1 M (1N) Standardized solution
traceable to NIST
 HNO_3 MW =63.01

Product code: BVS05110
C.A.S. : 7697-37-2 **1 L**
EINECS : 231-714-2

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris(hydroxymethyl)amino methane, number 723e.



H314
P280 P305-P351-P338-P310

Oxalic Acid 0.5 M (1N) Standardized solution
traceable to NIST
 $C_2H_2O_4 \cdot 2H_2O$ MW =126.07

Product code: BVS06010
C.A.S. : 6153-56-6 **1 L**
EINECS : 205-634-3

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium hydroxide) is a secondary reference material traceable to NIST Standard Reference Material potassium hydrogen phthalate, number 841.



H314-H302-H312
P260-P303-P361-P353-P305-P351-P338-P301-P330-P331-P405-P501A

Perchloric Acid 0.1 M (0.1N) Standardized solution
traceable to NIST
 $HClO_4$ MW =100.46


Product code: BVS06101
C.A.S. : 7601-90-3 **1 L**
EINECS : 231-512-4



H226 H314
P280 P305-P351-P338-P310

Perchloric Acid 1 M (1N) Standardized solution
traceable to NIST
 $HClO_4$ MW =100.46

Product code: BVS06110
C.A.S. : 7601-90-3 **1 L**
EINECS : 231-512-4



H226-H314
P280-P305-P351-P338-P310

Potassium Chloride 1 M (1N) Standardized solution
traceable to NIST
KCl MW =74.55

Product code: BVS07010
C.A.S. : 7447-40-7 **1 L**
EINECS : 231-211-8

Potassium Chromate 0.0333M (0.1N) Standardized solution
traceable to NIST
 K_2CrO_4 MW=194.20

Product code: BVS08001
C.A.S. : 7789-00-6 **1 L**
EINECS : 232-140-5



H340-H350-H400-H410-H315-H319-H317-H335
P261-P280-P281-P305-P351-P338-P405-P501A

Potassium Dichromate 0.0167M (0.1N) Standardized solution
traceable to NIST
 $K_2Cr_2O_7$ MW =294.18

Product code: BVS08101
C.A.S. : 7778-50-9 **1 L**
EINECS : 231-906-6



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium dichromate 0.167M (1N) Standardized solution
traceable to NIST
 $K_2Cr_2O_7$ MW =294.18

Product code: BVS08110
C.A.S. : 7778-50-9 **1 L**
EINECS : 231-906-6



H225-H301-H311-H331-H315-H317-H335-H350-H318-H411
P210-P301-P310-P303-P361-P353-P305-P351-P338-P361-P405-P501A

Potassium Hydroxide 0.1 M (0.1N) Standardized solution traceable to NIST
KOH MW =56.11

Product code: BVS09001

C.A.S. : 1310-58-3

1 L

EINECS : 215-181-3



H314-H302
P260-P301-P330-P331-P303+P361-P353-P305-P351-P338-P405-P501

Potassium Hydroxide 1 M (1N) Standardized solution traceable to NIST
KOH MW =56.11

Product code: BVS09010

C.A.S. : 1310-58-3

1 L

EINECS : 215-181-3



H314-H302
P260-P301-P330-P331-P303+P361-P353-P305-P351-P338-P405-P501

Potassium Iodide 0.1 M (0.1N) Standardized solution traceable to NIST
KI MW =166.00

Product code: BVS10001

C.A.S. : 7681-11-0

1 L

EINECS : 231-659-4

Potassium Iodide 1 M (1N) Standardized solution traceable to NIST
KI MW =166.00

Product code: BVS10010

C.A.S. : 7681-11-0

1 L

EINECS : 231-659-4

Potassium Permanganate 0.02 M (0.1N) Standardized solution traceable to NIST
KMnO₄ MW =158.03

Product code: BVS11001

C.A.S. : 7722-64-7

1 L

EINECS : 231-760-3

Tolerance +/- 0.0005M
Appearance Purple solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H400-H410-H302
P221-P210-P220-P280-P301-P312-P501a

Potassium Permanganate 0.2 M (1N) Standardized solution traceable to NIST
KMnO₄ MW =158.03

Product code: BVS11010

C.A.S. : 7722-64-7

1 L

EINECS : 231-760-3

Tolerance +/- 0.0005M
Appearance Purple solution
The standardisation material (sodium thiosulphate) is a secondary reference material traceable to NIST Standard Reference Material arsenic trioxide, number 83d.



H400-H410-H302
P221-P210-P220-P280-P301-P312-P501a

Potassium Thiocyanate 0.1 M (0.1N) Standardized solution traceable to NIST
KSCN MW =97.18

Product code: BVS12001

C.A.S. : 333-20-0

1 L

EINECS : 206-370-1



H302-H312-H332-H412
P261-P280-P304-P340-P301-P312-P312-P501A

Silver Nitrate 0.01 M (0.01N) Standardized solution traceable to NIST
AgNO₃ MW =169.88

Product code: BVS130001

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.1 M (0.1N) Standardized solution traceable to NIST
AgNO₃ MW =169.88

Product code: BVS13001

C.A.S. : 7761-88-8

1 L

EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.05 M (0.05N) Standardized solution traceable to NIST
AgNO₃ MW =169.88

Product code: BVS130005

C.A.S. : 7761-88-8

1 L


EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 0.5 M (0.5N) Standardized solution
traceable to NIST
AgNO₃ MW =169.88


Product code: BVS13005
C.A.S. : 7761-88-8 **1 L**
EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Silver Nitrate 1 M (1N) Standardized solution
traceable to NIST
AgNO₃ MW =169.88

Product code: BVS13010
C.A.S. : 7761-88-8 **1 L**
EINECS : 231-853-9



H272-H314-H290-H400-H410
P221-P210-P303-P361-P353-P305-P351-P338-P405-P501A

Sodium carbonate 0.5 M (1N) Standardized solution
traceable to NIST
Na₂CO₃ MW =105.99

Product code: BVS1401
C.A.S. : 497-19-8 **1 L**
EINECS : 207-838-8

Sodium Chloride 0.1 M (0.1N) Standardized solution
traceable to NIST
NaCl MW =58.44

Product code: BVS15001
C.A.S. : 7647-14-5 **1 L**
EINECS : 231-598-3

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium chloride) is traceable to NIST Reference Standard Material potassium chloride, number 999.

Sodium Chloride 1 M (1N) Standardized solution
traceable to NIST
NaCl MW =58.44

Product code: BVS15010
C.A.S. : 7647-14-5 **1 L**
EINECS : 231-598-3

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium chloride) is traceable to NIST Reference Standard Material potassium chloride, number 999.

Sodium Hydroxide 0.1 M (0.1N) Standardized solution
traceable to NIST
NaOH MW =40

Product code: BVS16001
C.A.S. : 1310-73-2 **1 L**
EINECS : 215-185-5


Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (potassiumhydrogen phthalate) is traceable to NIST Reference Standard Material potassiumhydrogen phthalate, number 841.


H314
P280 P305-P351-P338-P310

Sodium Hydroxide 1 M (1N) Standardized solution
traceable to NIST
NaOH MW =40

Product code: BVS16010
C.A.S. : 1310-73-2 **1 L**
EINECS : 215-185-5

Tolerance +/- 0.005M
Appearance Clear solution
The standardisation material (Hydrochloric acid) is a secondary reference material traceable to NIST Reference Standard Material Tris(hydroxymethyl)amino methane, number 723e.


H314
P280 P305-P351-P338-P310

Sodium Thiosulfate 0.1 M (0.1N) Standardized solution
traceable to NIST
Na₂O₃S₂·5H₂O MW =248.17

Product code: BVS17001
C.A.S. : 10102-17-7 **1 L**
EINECS : 231-867-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (potassium iodate) is traceable to NIST Standard Reference Material arsenic trioxide, number 83d

Sodium Thiosulfate 1 M (1N) Standardized solution
traceable to NIST
Na₂O₃S₂·5H₂O MW =248.17

Product code: BVS17010
C.A.S. : 10102-17-7 **1 L**
EINECS : 231-867-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (potassium iodate) is traceable to NIST Standard Reference Material arsenic trioxide, number 83d

Sulfuric Acid 0.05 M (0.1N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18001

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314
P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.5 M (1N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18010

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314
P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.1 M (0.2N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18002

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314
P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 1 M (2N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18020

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314
P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501

Sulfuric Acid 0.25 M (0.5N)

Standardized solution
traceable to NIST
 H_2SO_4 MW =98.08

Product code: BVS18005

C.A.S. : 7664-93-9

1 L

EINECS : 231-639-5

Tolerance +/- 0.0005M
Appearance Clear solution
The standardisation material (sodium carbonate, anhydrous) is traceable to NIST Standard Reference Material Tris (hydroxymethyl) amino methane, number 723e.



H314
P260-P301-P330-P331-P-303-P361-P353-P305-P351-P338-P405-P501



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Agar powder bacteriological For Microbiology**Product code:** DM1000500 **500 gr**

Description	white to yellowish white or pale yellow powder
Solubility	1.5% insoluble in cold water, soluble in boiling water
Clarity of soln. (1.5% solution in water After autoclaving)	passes test
Loss on drying (105°C) %	Max 20.0
Residue on ignition %	Max 5.0
Gelling temp	Below 40°C
Gel formation (1.5% aq solution)	passes test
Foreign strach	passes test
Total bacerial count (cuf/g)	less than 1000

Agar powder extra pure For Microbiology**Product code:** DM1100500 **500 gr**

Description	withe to yellowish wither or pale yellow powder
Solubility	insoluble in cold water and soluble in boiling water
Clarity of solution (1.5% solution in water after autoclaving)	passes test
Loss on drying (105°) %	Max 20.0
Residue on ignition %	Max 5.0
Gelling temperature	Not more than 38°C

Agarose high EEO For Microbiology**Product code:** DM0500025 **25 gr**
C.A.S. : 9012-36-6

Description	a white free flowing powder
Solubility	1.5% hot aq. Soln is clear & colourlees
Gel strenght (1.5% gel)	Min 800 g\cm ₂
Loss on drying %	Max 10.0
Sulafe (SO ₄) %	Max 0.5
Sulfated ash %	Max 1.0
EEO (Mr)	0.25 - 0.30
Gelling tem (1.5% gel)	3.6±1.5 °C
A 1.5 aq ~ 50°C 430 nm	0.1
A 1.5 aq ~ 525 nm	0.05
A 1.5 aq ~ 625 nm	0.03

Agarose low EEO For Microbiology**Product code:** DM0530025 **25 gr**
C.A.S. : 9012-36-6

Description	a white free flowing powder
Solubility	1.5% hot aq. Soln is clear & colourles
Gel strenght (1.5% gel)	Min 800 g\cm ²
Loss on drying %	Max 10.0
Sulfated ash %	Max 0.75
Sulfate (SO ₄)	Max 0.2
EEO (-Mr)	0.10 - 0.15
Gelling tem (1.5% gel)	38± 40 °C
A 1.5 aq ~ 50°C 430 nm	0.1
A 1.5 aq ~ 430 nm	0.05
A 1.5 aq ~ 430 nm	0.03

Agarose medium EEO type (I) For Microbiology**Product code:** DM0510025 **25 gr**
C.A.S. : 9012-36-6

Description	a white free flowing powder
Solubility	1.5% hot aq. Soln is clear & colourles
Gel strenght (1.5% gel)	Min 1500mg\cm ²
Loss on drying %	Max 10.0
Sulfated ash %	Max 1.0
EEO (SO ₄)	Max 0.2
EEO (Mr)	0.15 - 0.20
Gelling temperature	36 °C
A 1.5 aq ~ 50°C 430 nm	0.01
A 1.5 aq ~ 525 nm	0.05
A 1.5 aq ~ 655 nm	0.03

Anaerobic agar (Brewer) For Microbiology**Product code:** DM2400500 **500 gr**

Proteose peptone	10.000 G/L
Casein enzymic hydrolysate	5.000 G/L
Yeast extract	5.000 G/L
Dextrose	10.000 G/L
Sodium chloride	5.000 G/L
Sodium thioglycollate	2.000 G/L
Sodium formaldehyde sulfoxylate	1.000 G/L
Resazurin	0.002 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.2 ± 0.2 G/L
pH range	7.00 - 7.40
Reaction	reaction of 3.5% w/v aqueous solution at 25°C pH 7.2 ± 7.40

Antibiotic assay medium N° 1 For Microbiology
(seed agar)**Product code:** DM2010500 **500 gr**

Peptic digest of animal tissue Peptone)	6000G/L
Casein enzymic hydrolysate	4.000G/L
Yeast extract	3.000 G/L
Beef extract	1500 G/L
Dextrose	1.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	6.6 ± 0.2

Antibiotic assay medium N° 2 For Microbiology
(base agar)**Product code:** DM2020500 **500 gr**

Peptic digest of animal tissue(Peptone)	6.000 G/L
Beef extract	1.500 G/L
Yeast extract	3.000 G/L
Agar	15.000
Final pH (at 25°C)	6.6 ± 0.2

Antibiotic assay medium N° 3 For Microbiology**Product code:** DM2030500 **500 gr**

Peptic digest of animal tissue (Peptone)	5.00 G/L
Beef extract	1.500 G/L
Yeast extract	1.500 G/L
Dextrose	1.000 G/L
Sodium chloride	3.500 G/L
Dipotassium phosphate	3.680 G/L
Potassium dihydrogen phosphate	1.320 G/L
Final pH (at 25°C)	7.0 ± 0.2

Antibiotic assay medium N° 4 (yeast beef agar)	For Microbiology
Product code: DM2040500	500 gr
Peptic digest of animal tissue (peptone)	6.000 G/L
Beef extract	1.500 G/L
Yeast extract	3.000 G/L
Dextrose	1.000 G/L
Agar	15.000 G/L
pH range	6.40 - 6.80
Reaction	reaction of 2.65% w/v aqueous solution at 25°C pH: 6.6±0.2

Antibiotic assay medium N° 5	For Microbiology
Product code: DM2050500	500 gr
Peptic digest of animal tissue (Peptone)	6.00 G/L
Beef extract	1.500 G/L
Yeast extract	3.00 G/L
Agar	15.00 G/L
Final pH (at 25°C)	7.9±0.2

Antibiotic assay medium N° 6	For Microbiology
Product code: DM2060500	500 gr
Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Manganese sulfate	0.030 G/L
Final pH (at 25°C)	7.0±0.2
pH range	6.80 - 7.20
Reaction	of 3.0% w/v aqueous solution solution at 25°C pH 7.0±0.2

Antibiotic assay medium N° 7	For Microbiology
Product code: DM2070500	500 gr
Beef extract	1.500 G/L
Yeast extract	3.000 G/L
Pancreatic digest of gelatin	6.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.0±0.2 G/L

Antibiotic assay medium N° 8	For Microbiology
Product code: DM2080500	500 gr
Peptic digest of animal tissue (Peptone)	6.00 G/L
Yeast extract	3.00 G/L
Beef extract	1.50 G/L
Agar	15.00 G/L
Final pH (at 25°C)	5.9 ±0.2

Antibiotic assay medium N° 9 (polymyxin base agar)	For Microbiology
Product code: DM2090500	500 gr
Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Agar	20.000 G/L
Final pH (at 25°C)	7.2±0.2
pH range	7.00 - 7.40
Reaction	of 5% w/v aqueous solution solution at 25°C pH 7.2±0.2

Antibiotic assay medium N° 10 (polymyxin seed agar)	For Microbiology
Product code: DM2100500	500 gr
Casein enzymic hydrolysate	17.000 G/L
Papaic digest of soyabean meal	3.000 G/L
Sodium chloride	5.000 G/L
Dextrose	2.500 G/L
Dipotassium phosphate	2.500 G/L
Agar	12.000 G/L
Final pH (at 25°C)	7.2±0.2
pH range	7.00 - 7.40
Reaction	of 4.2% w/v aqueous solution containing 1% polysorbate 80 at 25°C pH 7.2±0.2

Antibiotic assay medium N° 12 (nystatin assay agar)	For Microbiology
Product code: DM2120500	500 gr
Peptic digest of animal tissue (Peptone)	10.000 G/L
Sodium chloride	10.000 G/L
Dextrose	10.000 G/L
Beef extract	2.500 G/L
Yeast extract	5.000 G/L
Agar	25.000 G/L
Final pH (at 25°C)	6.1±0.2

Baird parker agar	For Microbiology
Product code: DM2130500	500 gr
Casein enzymic hydrolysate	10.000 G/L
Beef extract	5.000 G/L
Yeast extract	1.000 G/L
Glycine	12.000 G/L
Sodium pyruvate	10.000 G/L
Lithium chloride	5.000 G/L
Agar	20.000 G/L
Final pH (at 25°C)	7.0±0.2
pH range	6.80 - 7.20
Reaction	reaction of 6.3% w/v aqueous solution at 25°C pH 7.0±0.2

Bile salt	For Microbiology
Product code: DM1010500	500 gr
Description	yellowish - brown powder
Solubility	soluble in water and alcohol
Bile acid %	Not less than 65
pH (2% solution)	6 - 8
Sulfated ash %	Max 13 - 17
Loss on drying %	Max 5

Bio peptone	For Microbiology	
Product code: DM1130500		500 gr
pH (1% w/v aqueous solution) 25°C		5.5 .72
Typical cultural response after 18 - 48 hours at 35 °C		
E. Coli		good
Klebsiella		good
Proteus		good
S. aureus		good
	Biochemical test	
MR		+ ve
VP		± ve
Nitrate reduction		- ve
Carbohydrate fermentation		- ve

Blood agar base No.2 w/1,2 % agar	For Microbiology	
Product code: DM2420500		500 gr
Protease peptone		15.000 G/L
Liver extract		2.50 G/L
Yeast extract		5.000 G/L
Sodium chloride		5.000 G/L
Agar		12.000 G/L
Final pH (at 25°C)		7.4 ± 0.2

Brilliant green agar w/1,2 % agar	For Microbiology	
Product code: DM2140500		500 gr
Protease peptone		15.000 G/L
Yeast extract		3.000 G/L
Lactose		10.000 G/L
Sucrose		10.000 G/L
Sodium chloride		5.000 G/L
Phenol red		0.080 G/L
Brilliant green		0.0125 G/L
Agar		12.000 G/L
Final pH (at 25°C)		6.9 ± 0.2

Casein acid hydrolysate	For Microbiology	
Product code: DM1150500		500 gr
pH (1% w/v aqueous solution) 25°C		6.8 - 7.4
Typical cultural response after 24 - 48 hours at 35 °C		
E. Coli		good
Klebsiella		good
Salmonella		good
	Biochemical test	
Indole		+ ve
H ₂ S		+ ve
Nitrate reduction		- ve

Casein peptone	For Microbiology	
Product code: Dm1070500		500 gr
C.A.S. : 73049-73-7		
Description light tan, homogenous, free flowing powder 1% w/v aqueous solution remains clear amber, complete after autoclaving at 15 lbs		
Solubility		pressure (121°C) for 15 minutes
pH of 2% w/v aqueous solution at 25°C		6.5-7.5
Total nitrogen %		10
Amino nitrogen %		4
Ash %		Max 15.0
Loss on drying %		Max 5.0

Cetrimide agar base	For Microbiology	
Product code: DM2450500		500 gr
Pancreatic digest of gelatin		20.000 G/L
Magnesium chloride		1.400 G/L
Potassium sulfate		10.000 G/L
Cetrimide		0.300 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.2 ± 0.2 G/L
pH		7.2 ± 0.2
Reaction		reaction of 4.67% w/v aqueous solution containing 1% glycerol at 25°C (after sterilization)

Chapman stone agar	For Microbiology	
Product code: DM2150500		500 gr
Casein enzymic hydrolysate		10.000 G/L
Yeast extract		2.500 G/L
Gelatin		30.000 G/L
D-Mannitol		10.000 G/L
Sodium chloride		55.000 G/L
Ammonium sulfate		75.000 G/L
Dipotassium phosphate		5.000 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.0 ± 0.2
pH range		6.80 ± 7.20
Reaction		reaction of 20.25% w/v aqueous solution at 25°C pH 7.0 ± 0.2

Columbia blood agar base	For Microbiology	
Product code: DM2470500		500 gr
Peptone, special		23.000 G/L
Corn starch		1.000 G/L
Sodium chloride		5.000 G/L
Agar		15.000 G/L
Final pH (at 25°C)		7.3 ± 0.2 G/L
pH rang		7.10 - 7.50
Reaction		reaction of 4.4% w/v aqueous solution at 25°C pH 7.3 ± 0.2

Crystal violet lactose agar	For Microbiology	
Product code: DM2160500		500 gr
Protease peptone		5.00 G/L
Beef extract		3.00 G/L
Lactose		10.00 G/L
Crystal violet		0.0033 G/L
Agar		15.00 G/L
Final pH (at 25°C)		6.8 ± 0.2

Dextrose tryptone agar	For Microbiology	
Product code: DM2510500		500 gr
Casein enzymic hydrolysate		10.000 G/L
Dextrose		5.00 G/L
Bromocresol purple		0.040
Agar		15.00 G/L
Final pH (at 25°C)		6.7 ± 0.2

EMB agar	For Microbiology
Product code: DM2170500	500 gr
Peptic digest of animal tissue	10.000 G/L
Dipotassium phosphate	2.000 G/L
Lactose	5.000 G/L
Sucrose	5.000 G/L
Eosin-Y	0.400 G/L
Methylene blue	0.065 G/L
Agar	15.500 G/L
Final pH (at 25°C)	7.2 ± 0.2
pH range	7.00 - 7.40
Reaction	reaction of 3.6% w/v aqueous solution at 25°C pH 7.2 ± 0.2

ENDO agar	For Microbiology
Product code: DM2180500	500 gr
Peptic digest of animal tissue	10.000 G/L
Lactose	10.000 G/L
Dipotassium phosphate	3.500 G/L
Sodium sulfite	2.500 G/L
Basic fuchsin	0.500 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.5 ± 0.2
pH range	7.30 - 7.70
Reaction	reaction of 4.15% w/v aqueous solution at 25°C pH 7.5 ± 0.2

Gelatin agar	For Microbiology
Product code: DM2190500	500 gr
Gelatin	30.000 G/L
Casein enzymic hydrolysate	10.000 G/L
Sodium chloride	10.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
Reaction	reaction of 6.5% w/v aqueous solution at 25°C pH 7.2 ± 0.2
Prepare the medium per label direction Inoculate and incubate at 35 ± 2°C for 24 - 48 Hours	

Gelatin peptone	For Microbiology
Product code: DM1160500	500 gr
pH (1% w/v aqueous solution) 25°C	6.7 ± 0.2
Typical cultural response after 18 - 48 hours at 35 °C	
E. Coli	poor to good
S. areus	poor to good
Indole test (tryptophan content)	- ve

Heart infusion agar	For Microbiology
Product code: DM2530500	500 gr
Beef heart, infusion from	500.000 G/L
Tryptose	10.000 G/L
Sodium chloride	5.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 4.0% w/v aqueous solution at 25°C pH 7.4 ± 0.2

Indole nitrate medium (tryptone nitrate medium)	For Microbiology
Product code: DM2200500	500 gr
Casein enzymic hydrolysate	20.000 G/L
Disodium phosphate	2.000 G/L
Dextrose	1.000 G/L
Potassium nitrate	1.000 G/L
Agar	1.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
Reaction	reaction of 2.5 % w/v aqueous solution at 25°C pH 7.2 ± 0.2
Prepare the medium per label direction Inoculate and incubate at 35 ± 2°C for 18 - 48 Hours	

Lactobacillus MRS agar (MRS agar)	For Microbiology
Product code: DM2270500	500 gr
Proteose peptone	10.00 G/L
Beef extract	10.00 G/L
Yeast extract	5.00 G/L
Dextrose	20.00 G/L
Polysorbate 80	1.00 G/L
Ammonium citrate	2.00 G/L
Sodium acetate	5.00 G/L
Magnesium sulfate	0.10 G/L
Manganese sulfate	0.05 G/L
Dipotassium phosphate	2.00 G/L
Agar	12 G/L
Final pH (at 25°C)	6.5 ± 0.2

Lactose monohydrate broth	For Microbiology
Product code: DM2220500	500 gr
Pancreatic digest of gelatin	4.750 G/L
Beef extract	3.00 G/L
Lactose monohydrate	5.00 G/L
pH after sterilization	6.9 ± 0.2

M17 agar base	For Microbiology
Product code: DM2230500	500 gr
Peptic diest of animal tissue	5.000 G/L
Papaic digest of soyaben meal	5.000 G/L
Yeast extract	2.500 G/L
Beef extract	5.00 G/L
Ascorbic acid	0.500 G/L
Magnesium sulfate	0.250 G/L
Lactose	5.000 G/L
Agar	10.000 G/L
Final pH (at 25°C)	7.1 ± 0.2 G/L
pH rang	6.90 - 7.30
Reaction	reaction of 3.33% w/v aqueous solution at 25°C pH : 7.1 ± 0.2

Mac conkey agar	For Microbiology
Product code: DM2240500	500 gr
Peptic digest of animal tissue	20.000 G/L
Lactose	10.000 G/L
Bile salts	5.000 G/L
Sodium chloride	5.000 G/L
Neutral red	0.070 G/L
Agar	15.000 G/L
Final pH (25°C)	7.5 ± 0.2 G/L
pH	7.30 - 7.70
Reaction	reaction of 5.5 % w/v aqueous solution at 25 °C pH : 7.5 ± 0.2

Malt extract powder	For Microbiology
Product code: DM1180500	500 gr
PH (10% w/v aqueous solution)	6.5 ± 1.0
Protein contents %	Min 5.0
Carbohydrate content %	Min 70.00
Loss on drying %	Max 5.00

Mannitol salt agar base	For Microbiology
Product code: DM2250500	500 gr
Proteose peptone	10.000 G/L
Beef extract	1.000 G/L
Sodium chloride	75.000 G/L
D-Mannitol	10.000 G/L
Phenol red	0.025 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
Reaction	reaction of 11.1% w/v aqueous solution at 25°C pH 7.4 ± 0.2
Prepare the medium per label direction. Inoculate and incubate at 35 ± 2°C for 18 - 48 hours	

Meat extract powder	For Microbiology
Product code: DM1040500	500 gr
Description	light yellow to brownish yellow homogeneous free flowing powder having characteristic odour but not putrescent
Solubility	1% w/v aqueous solution remains clear without haziness after autoclaving at 15 lbs pressure (121°C) for 15 minutes
pH of 1% w/v aqueous solution at 25°C	pH 6.4 ± 0.5
Assay (total nitrogen) %	Min 11.50
Amino nitrogen %	3.50
Loss on drying %	Max 5.00
Residue on ignition %	Max 20.00
Sodium chloride %	Max 5.00
Total aerobic microbial count (cfu/gm)	250.00
Total yeast and mold count (cfu/gm)	100.00

Meat liver agar	For Microbiology
Product code: DM2260500	500 gr
Meat liver base	20.00 G/L
Dextrose	0.750 G/L
Starch	0.750 G/L
Sodium sulfite	1.200 G/L
Ferric ammonium citrate	0.500 G/L
Agar	11.00 G/L
Final pH (at 25°C)	7.6 ± 0.2

Meat peptone	For Microbiology
Product code: DM1120500	500 gr
pH (1.0% w/v aqueous solution)	6.5 ± 0.5
Total nitrogen	Min 11.5
à-amino nitrogen %	Min 3.0
Sodium chloride %	Max 6.0
Loss on drying %	Max 5.0
Residue on ignition %	Max 15.0
Total aerobic microbial count (cfu/gm)	Max 250.0
Total yeast and mold count (cfu/gm)	Max 100.0
Microbial limit test	Negative in 10 gms of sample

Motility Nitrate Medium	For Microbiology
Product code: DM2580500	500 gr
Peptic digest of animal tissue	5.000 G/L
Beef extract	3.000 G/L
Galactose	5.000 G/L
Potassium nitrate	1.000 G/L
Di-Sodium phosphate	2.500 G/L
Agar	3.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 1.95% w/v aqueous solution at 25°C pH 7.4 ± 0.2

Mueller Hinton agar	For Microbiology
Product code: DM2280500	500 gr
Beef, infusion from	300.000 G/L
Casein acid hydrosate	17.500 G/L
Starch	1.500 G/L
Agar	17.000 G/L
Final pH (at 25°C)	7.3 ± 0.2
Reaction	reaction of 3.80% w/v aqueous solution at 25°C

Nutrient agar	For Microbiology
Product code: DM2290500	500 gr
Peptic digest of animal tissue	5.000 G/L
Sodium chloride	5.000 G/L
Beef extract	1.500 G/L
Yeast extract	1.500 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ± 0.2 G/L
PH	7.4 ± 0.2
Reaction	reaction of 2.8% w/v aqueous solution at 25°C

Peptone	For Microbiology
Product code: DM1050500	500 gr
pH (1% w/v aqueous solution) 25°C	5.5 - 7.21
Typical cultural response after 18 - 48 hours at 35 °C	
E. Coli	good
Klebsiella	good
Proteus	good
S. aureus	good
Biochemical test	
MR	+ ve
VP	± ve
Nitrate reduction	- ve
Carbohydrate fermentation	- ve

Peptone M	For Microbiology
Product code: DM1170500	500 gr
pH (1% w/v aqueous solution) 25°C	7.0 ± 0.5
Typical cultural response after 18 - 48 hours at 35 °C	
E. Coli	luxuriant
Salmonella	luxuriant
S.aureus	luxuriant
Pseudomonas	luxuriant

Sabouraud dextrose agar	For Microbiology
Product code: DM2320500	500 gr
Dextrose	40.000 G/L
Mycological, peptone	10.000 G/L
Agar	15.000 G/L
Final pH at (25°C)	5.6 ± 0.2 G/L
Reaction	reaction of 6.5% w/v aqueous solution at 25°C pH 5.6 ± 0.2
Prepare the medium per label directions inoculate and incubate at 35 - 37°C for 18 - 48 hours	

Peptone Water	For Microbiology
Product code: DM2300500	500 gr
Peptic digest of animal tissue	10.000 G/L
Sodium chloride	5.000 G/L
Final pH (at 25°C)	7.2 ± 0.2
pH range	7.00 - 7.40
Reaction	reaction of 1.5% w/v aqueous solution at 25°C pH 7.2 ± 0.2

Soya peptone	For Microbiology
Product code: DM1080500	500 gr
pH (1.0 w/v aqueous solution)	6.4 ~ 0.5
Total nitrogen %	Min 9.0
à- Amino nitrogen %	Min 1.8
Sodium chloride %	Max 5.0
Moisture %	5.0
Ash %	14.0

Phenol red agar base	For Microbiology
Product code: DM2590500	500 gr
Proteose peptone	20.000 G/L
Beef extract	10.000 G/L
Agar	10.000 G/L
Sodium chloride	10.000 G/L
Phenol red	11.000 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60
Reaction	reaction of 3.1% w/v aqueous solution at 25°C pH 7.4 ± 0.2

SS agar (Salmonella shigella agar)	For Microbiology
Product code: DM2340500	500 gr
Beef extract	5.000 G/L
Peptic digest of animal tissue	5.000 G/L
Lactose	10.000 G/L
Bile salts mixture	8.500 G/L
Sodium citrate	10.000 G/L
Sodium thiosulfate	8.500 G/L
Ferric citrate	1.000 G/L
Brilliant green	0.00033 G/L
Neutral red	0.025 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.0 ~ 0.2
PH range	6.80 - 7.20
Reaction	reaction of 6.3% w/v aqueous solution at 25°C pH 7.0 ~ 0.2

Phenol red lactose agar	For Microbiology
Product code: DM2610500	500 gr
Proteose peptone	10.000 G/L
Beef extract	1.000 G/L
Agar	15.000 G/L
Sodium chloride	5.000 G/L
Lactose	10.000 G/L
Phenol red	0.025 G/L
Final pH (at 25°C)	7.4 ± 0.2
pH range	7.20 - 7.60

Streptococcus Selection agar	For Microbiology
Product code: DM2630500	500 gr
Casein enzymic hydrolysate	15.000 G/L
Papaic digest of soyabean meal	5.000 G/L
Dextrose	5.000 G/L
Sodium chloride	4.000 G/L
Sodium citrate	1.000 G/L
Sodium sulfite	0.200 G/L
L-Cystine	0.200 G/L
Sodium azide	0.200 G/L
Crystal violet	0.0002 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ~ 0.2

Plate count agar PCA	For Microbiology
Product code: DM2310500	500 gr
Casein enzymic hydrolysate	5.000 G/L
Yeast extract	2.500 G/L
Dextrose	1.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.0 ± 0.2
pH range	6.80 - 7.20
Reaction	reaction of 2.35% w/v aqueous solution at 25°C pH 7.0 ± 0.2

Potato dextrose agar	For Microbiology
Product code: DM2620500	500 gr
Potatoes, infusion from	200.000 G/L
Dextrose	20.000 G/L
Agar	15.000 G/L
Final pH (at 25°C)	5.6 ± 0.2 G/L
pH range	6.60 - 7.00
Reaction	reaction of 2.43% w/v aqueous solution at 25°C pH 6.8 ± 0.2

TCBS agar

For Microbiology

Product code: DM2640500	500 gr
Proteose pepetone	10.000 G/L
Yeast extract	5.000 G/L
Sodium thiosulfate	10.000 G/L
Sodium citrate	10.000 G/L
Oxgall	8.000 G/L
Sucrose	20.000 G/L
Sodium chloride	10.000 G/L
Ferric citrate	1.000 G/L
Bromo thymol blue	0.040 G/L
Thymol blue	0.040 G/L
Agar	15.000 G/L
Final pH (at 25°C)	8.6 ~ 0.2
pH range	8.40 - 8.80
Reaction	reaction of 8.9% w/v aqueous solution at 25°C pH 8.6 ~ 0.2

Violet red bile agar

For Microbiology

Product code: DM2670500	500 gr
Peptic digest of animal tissue	7.000 G/L
Yeast extract	3.000 G/L
Lactose	10.000 G/L
Bile salts mixture	1.500 G/L
Sodium chloride	5.000 G/L
Neutral red	0.030 G/L
Crystal violet	0.002 G/L
Agar	15.000 G/L
Final pH (at 25°C)	7.4 ~ 0.1
pH range	7.30 - 7.50
Reaction	reaction of 4.15% w/v aqueous solution at 25°C pH 7.4 ~ 0.1

Thioglycollate agar

For Microbiology

Product code: DM2650500	500 gr
Casein enzymic hydrolysate	15.000 G/L
Dextrose	5.500 G/L
Sodium chloride	2.500 G/L
Yeast extract	5.000 G/L
Sodium thioglycollate	0.500 G/L
L-Cystine	0.500 G/L
Resazurin sodium salt	0.001 G/L
Agar	20.000 G/L
Final pH (at 25°C)	7.1 ~ 0.2

Yeast extract powder

For Microbiology

Product code: DM1110500	500 gr
Description	light yellow or lighth to buff brown
Coloured free flowing spay dried powder having a characteristic sweet odour solubility	2% solution in water is clear and complete
Autoclave test	passes test
pH of (2% solution in water)	5.0 - 7.0
Total nitrogen (by kjeldals method) %	Min 9.5
Protein content %	Min 59.4

Tripe sugar iron agar TSI

For Microbiology

Product code: DM2350500	500 gr
Peptic digest of animal tissue	10.000 G/L
Casein enzymic hydrolysate	10.000 G/L
Yeast extract	3.000 G/L
Beef extract	3.000 G/L
Lactose	10.000 G/L
Sucrose	10.000 G/L
Dextrose	1.000 G/L
Sodium chloride	5.000 G/L
Ferrous sulfate	0.200 G/L
Sodium thiosulfate	0.300 G/L
Phenol red	0.024 G/L
Agar	12.000 G/L
Final pH (at 25°C)	7.4 ~ 0.2
pH range	7.20 - 7.60
Reaction	reaction of 6.4% w/v aqueous solution at 25°C pH 7.4 ~ 0.2

Tryptone type-(I)

For Microbiology

Product code: DM1090500	500 gr
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Urea agar base (Christensen)

For Microbiology

Product code: DM2660500	500 gr
Peptic digest of animal tissue	1.000 G/L
Dextrose	1.000 G/L
Sodium chloride	5.000 G/L
Disodium phosphate	1.200 G/L
Monopotassium phosphate	0.800 G/L
Phenol red	0.012 G/L
Agar	15.000 G/L
Final pH (at 25°C)	6.8 ~ 0.2
PH range	6.60 - 7.00
Reaction	reaction of 2.4% w/v aqueous solution at 25°C pH 6.8 ~ 0.2



ATOMIC WEIGHTS (Alphabetical)

Element	Symbol	Atomic number	Atomic weight	Element	Symbol	Atomic number	Atomic weight
Actinium	Ac	89	227.0277*	Mercury	Hg	80	200.59
Aluminum	Al	13	26.981538	Molybdenum	Mo	42	95.94
Americium	Am	95	243.0614*	Neodymium	Nd	60	144.24
Antimony	Sb	51	121.760	Neon	Ne	10	20.1797
Argon	Ar	18	39.948	Neptunium	Np	93	237.0482*
Arsenic	As	33	74.92160	Nickel	Ni	28	58.6934
Astatine	At	85	209.9871	Niobium	Nb	41	92.90638
Barium	Ba	56	137.327	Nitrogen	N	7	14.0067
Berkelium	Bk	97	247.0703*	Nobelium	No	102	259.1010*
Beryllium	Be	4	9.012182	Osmium	Os	76	190.23
Bismuth	Bi	83	208.98038	Oxygen	O	8	15.9994
Bohrium	Bh	107	264.12*	Palladium	Pd	46	106.42
Boron	B	5	10.811	Phosphorus	P	15	30.973761
Bromine	Br	35	79.904	Platinum	Pt	78	195.078
Cadmium	Cd	48	112.411	Plutonium	Pu	94	244.0642*
Calcium	Ca	20	40.078	Polonium	Po	84	208.9824*
Californium	Cf	98	251.0796*	Potassium	K	19	39.0983
Carbon	C	6	12.0107	Praseodymium	Pr	59	140.90765
Cerium	Ce	58	140.116	Promethium	Pm	61	144.9127*
Cesium	Cs	55	132.90545	Ractinium	Pa	91	231.03588*
Chlorine	Cl	17	35.453	Radium	Ra	88	226.0254*
Chromium	Cr	24	51.9961	Radon	Rn	86	222.0176*
Cobalt	Co	27	58.933200	Rhenium	Re	75	186.207
Copper	Cu	29	63.546	Rhodium	Rh	45	102.90550
Curium	Cm	96	247.0704*	Rubidium	Rb	37	85.4678
Dubnium	Db	105	262.1141*	Ruthenium	Ru	44	101.07
Dysprosium	Dy	66	162.50	Rutherfordium	Rf	104	261.1088*
Einsteinium	Es	99	252.0803*	Samarium	Sm	62	150.36
Erbium	Er	68	167.259	Scandium	Sc	21	44.955910
Europium	Eu	63	151.964	Seaborgium	Sg	106	266.1219*
Fermium	Fm	100	257.0951*	Selenium	Se	34	78.96
Fluorine	F	9	18.9984032	Silicon	Si	14	28.0855
Francium	Fr	87	223.0197*	Silver	Ag	47	107.8682
Gadolinium	Gd	64	157.25	Sodium	Na	11	22.989770
Gallium	Ga	31	69.723	Strontium	Sr	38	87.62
Germanium	Ge	32	72.64	Sulfur	S	16	32.065
Gold	Au	79	196.96655	Tantalum	Ta	73	180.9479
Hafnium	Hf	72	178.49	Technetium	Tc	43	97.9072*
Helium	He	2	4.002602	Tellurium	Te	52	127.60
Holmium	Ho	67	164.93032	Terbium	Tb	65	158.92534
Hydrogen	H	1	1.00794	Thallium	Tl	81	204.3833
Indium	In	49	114.818	Thorium	Th	90	232.0381*
Iodine	I	53	126.90447	Thulium	Tm	69	168.93421
Iridium	Ir	77	192.217	Tin	Sn	50	118.710
Iron	Fe	26	55.845	Titanium	Ti	22	47.867
Krypton	Kr	36	83.80	Tungsten	W	74	183.84
Lanthanum	La	57	138.9055	Ununium	Uuu	111	272.1535*
Lawrencium	Lr	103	262.1097*	Uranium	U	92	238.0291
Lead	Pb	82	207.2	Vanadium	V	23	50.9415
Lithium	Liber	3	6.941	Xenon	Xe	54	131.293
Lutetium	Lu	71	174.967	Ytterbium	Yb	70	173.04
Magnesium	Mg	12	24.3050	Yttrium	Y	39	88.90585
Manganese	Mn	25	54.938049	Zinc	Zn	30	65.39
Meitnerium	Mt	109	268.1388*	Zirconium	Zr	40	91.224
Mendelevium	Md	101	258.0984*				

*Relative atomic mass of the isotope of that element of longest known half-life.












ATOMIC WEIGHTS (Order of Atomic Number)

Atomic number	Element	Symbol	Atomic weight	Atomic number	Element	Symbol	Atomic weight
1	Hydrogen	H	1.00794	56	Barium	Ba	137.327
2	Helium	He	4.002602	57	Lanthanum	La	138.9055
3	Lithium	Li	6.941	58	Cerium	Ce	140.116
4	Beryllium	Be	9.012182	59	Praseodymium	Pr	140.90765
5	Boron	B	10.811	60	Neodymium	Nd	144.24
6	Carbon	C	12.0107	61	Promethium	Pm	144.9127*
7	Nitrogen	N	14.0067	62	Samarium	Sm	150.36
8	Oxygen	O	15.9994	63	Europium	Eu	151.964
9	Fluorine	F	18.9984032	64	Gadolinium	Gd	157.25
10	Neon	Ne	20.1797	65	Terbium	Tb	158.92534
11	Sodium	Na	22.989770	66	Dysprosium	Dy	162.50
12	Magnesium	Mg	24.3050	67	Holmium	Ho	164.93032
13	Aluminum	Al	26.981538	68	Erbium	Er	167.259
14	Silicon	Si	28.0855	69	Thulium	Tm	168.93421
15	Phosphorus	P	30.973761	70	Ytterbium	Yb	173.04
16	Sulfur	S	32.065	71	Lutetium	Lu	174.967
17	Chlorine	Cl	35.453	72	Hafnium	Hf	178.49
18	Argon	Ar	39.948	73	Tantalum	Ta	180.9479
19	Potassium	K	39.0983	74	Tungsten	W	183.84
20	Calcium	Ca	40.078	75	Rhenium	Re	186.207
21	Scandium	Sc	44.955910	76	Osmium	Os	190.23
22	Titanium	Ti	47.867	77	Iridium	Ir	192.217
23	Vanadium	V	50.9415	78	Platinum	Pt	195.078
24	Chromium	Cr	51.9961	79	Gold	Au	196.96655
25	Manganese	Mn	54.938049	80	Mercury	Hg	200.59
26	Iron	Fe	55.845	81	Thallium	Tl	204.3833
27	Cobalt	Co	58.933200	82	Lead	Pb	207.2
28	Nickel	Ni	58.6934	83	Bismuth	Bi	208.98038
29	Copper	Cu	63.546	84	Polonium	Po	208.9824*
30	Zinc	Zn	65.39	85	Astatine	At	209.9871
31	Gallium	Ga	69.723	86	Radon	Rn	222.0176*
32	Germanium	Ge	72.64	87	Francium	Fr	223.0197*
33	Arsenic	As	74.92160	88	Radium	Ra	226.0254*
34	Selenium	Se	78.96	89	Actinium	Ac	227.0277*
35	Bromine	Br	79.904	90	Thorium	Th	232.0381*
36	Krypton	Kr	83.80	91	Protactinium	Pa	231.03588*
37	Rubidium	Rb	85.4678	92	Uranium	U	238.0291
38	Strontium	Sr	87.62	93	Neptunium	Np	237.0482*
39	Yttrium	Y	88.90585	94	Plutonium	Pu	244.0642*
40	Zirconium	Zr	91.224	95	Americium	Am	243.0614*
41	Niobium	Nb	92.90638	96	Curium	Cm	247.0704*
42	Molybdenum	Mo	95.94	97	Berkelium	Bk	247.0703*
43	Technetium	Tc	97.9072*	98	Californium	Cf	251.0796*
44	Ruthenium	Ru	101.07	99	Einsteinium	Es	252.0803*
45	Rhodium	Rh	102.90550	100	Fermium	Fm	257.0951*
46	Palladium	Pd	106.42	101	Mendelevium	Md	258.0984*
47	Silver	Ag	107.8682	102	Nobelium	No	259.1010*
48	Cadmium	Cd	112.411	103	Lawrencium	Lr	262.1097*
49	Indium	In	114.818	104	Rutherfordium	Rf	261.1088*
50	Tin	Sn	118.710	105	Dubnium	Db	262.1141*
51	Antimony	Sb	121.760	106	Seaborgium	Sg	266.1219*
52	Tellurium	Te	127.60	107	Bohrium	Bh	264.12*
53	Iodine	I	126.90447	109	Meitnerium	Mt	268.1388*
54	Xenon	Xe	131.293	111	Unununium	Uuu	272.1535*
55	Cesium	Cs	132.90545				












EU GHS Hazard Pictograms		
Exemplary Hazard Class/Categories	Signal Word	Hazard Pictogram
Explosives, divisions 1.1-1.3 Explosives, division 1.4	Danger Warning	
Flammable liquids, cat. 1, 2 Flammable liquids, cat.3	Danger Warning	
Oxidising liquids, cat. 1, 2 Oxidising liquids, cat. 3	Danger Warning	
Gases under pressure, compressed gases	Warning	
Skin corrosion, cat. 1A, 1B, 1C Corrosive to metals, cat. 1	Danger Warning	
Acute toxicity, cat. 1, 2, 3	Danger	
Acute toxicity, cat. 4 Skin irritation, cat. 2	Warning Warning	
Carcinogenicity, cat. 1A, 1B Carcinogenicity, cat. 2	Danger Warning	
Hazardous to the aquatic environment, cat. 1	Warning	
Hazardous for the ozone layer	Danger	

Code / Hazard statements	Hazard class	Pictogram	P-Codes
H200 / Unstable Explosive	Explosives		P201, P202, P281, P372, P373, P380, P401, P501
H201 / Explosive; mass explosion hazard	Explosives		P210, P230, P240, P250, P280, P372, P373, P370 + P380, P401, P501
H202 / Explosive; severe projection hazard	Explosives		P210, P230, P240, P250, P280, P372, P373, P370 + P380, P401, P501
H203 / Explosive; fire, blast or projection hazard	Explosives		P210, P230, P240, P250, P280, P372, P373, P370 + P380, P401, P501
H204 / Fire or projection hazard	Explosives		P210, P230, P240, P250, P280, P372, P373, P370 + P380, P401, P501
H205 / May mass explode in fire	Explosives		P210, P230, P240, P250, P280, P372, P373, P370 + P380, P401, P501
H220 / Extremely flammable gas	Flammable gases		P210, P377, P381, P403
H221 / Flammable gas	Flammable gases		P210, P377, P381, P403
H222 / Extremely flammable aerosol	Flammable aerosols		P210, P211, P251, P410 + P412
H223 / Flammable aerosol	Flammable aerosols		P210, P211, P251, P410 + P412
H224 / Extremely flammable liquid and vapour	Flammable liquids		P210, P233, P240, P241, P242, P243, P280, P303 + P361 + P353, P370 + P378, P403 + P235, P501
H225 / Highly Flammable liquid and vapour	Flammable liquids		P210, P233, P240, P241, P242, P243, P280, P303 + P361 + P353, P370 + P378, P403 + P235, P501
H226 / Flammable liquid and vapour	Flammable liquids		P210, P233, P240, P241, P242, P243, P280, P303 + P361 + P353, P370 + P378, P403 + P235, P501

Code / Hazard statements	Hazard class	Pictogram	P-Codes
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H227 / Combustible liquid	Flammable liquids		P210, P280, P370 + P378, P403 + P235, P501
H228 / Flammable solid	Flammable solids		P210, P240, P241, P280, P370 + P378
H228 / Flammable solid	Flammable solids		P210, P280, P370 + P378, P403 + P235, P501
H240 / Heating may cause an explosion	Self-reactive substances and mixtures; and Organic peroxides		P210, P220, P234, P280, P370 + P378, P370 + P380 + P375, P411, P420, P403 + P235, P501
H241 / Heating may cause a fire or explosion	Self-reactive substances and mixtures; and Organic peroxides		P210, P220, P234, P280, P370 + P378, P370 + P380 + P375, P411, P420, P403 + P235, P501
H242 / Heating may cause a fire	Self-reactive substances and mixtures; and Organic peroxides		P210, P220, P234, P280, P370 + P378, P411, P420, P403 + P235, P501
H242 / Heating may cause a fire	Self-reactive substances and mixtures; and Organic peroxides		P210, P220, P234, P280, P370 + P378, P411, P420, P403 + P235, P501
H250 / Catches fire spontaneously if exposed to air	Pyrophoric liquids; Pyrophoric solids		P210, P222, P280, P302 + P334, P370 + P378, P422
H251 / Self-heating; may catch fire	Self-heating substances and mixtures		
H252 / Self-heating in large quantities; may catch fire	Self-heating substances and mixtures		P280, P235 + P410, P407, P413, P420
H260 / In contact with water releases flammable gases which may ignite spontaneously	Substances And Mixtures Which, In Contact With Water, Emit Flammable Gases		
H261 / In contact with water releases flammable gas	Substances And Mixtures Which, In Contact With Water, Emit Flammable Gases		P223, P280, P231 + P232, P335 + P334, P370 + P378, P402 + P404, P501
H261 / In contact with water releases flammable gas	Substances And Mixtures Which, In Contact With Water, Emit Flammable Gases		P280, P231 + P232, P370 + P378, P402 + P404, P501
H270 / May cause or intensify fire; oxidizer	Oxidising gases		P220, P244, P370 + P376, P403

Code / Hazard statements	Hazard class	Pictogram	P-Codes
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H271 / May cause fire or explosion; strong oxidiser	Oxidising liquids;Oxidising solids		P210, P220, P221, P280, P283, P306 + P360, P370 + P378, P371 + P380 + P375, P501
H272 / May intensify fire; oxidizer	Oxidising liquids;Oxidising solids		P210, P220, P221, P280, P370 + P378, P501
H272 / May intensify fire; oxidizer	Oxidising liquids;Oxidising solids		P210, P220, P221, P280, P370 + P378, P501
H280 / Contains gas under pressure; may explode if heated	Gases under pressure		P410 + P403
H281 / Contains refrigerated gas; may cause cryogenic burns or injury	Gases under pressure		P282, P315, P336, P403
H290 / May be corrosive to metals	Corrosive to Metals		P234, P390, P404
H300 / Fatal if swallowed	Acute toxicity,oral		P264, P270, P321, P330, P301 + P310, P405, P501
H301 / Toxic if swallowed	Acute toxicity,oral		P264, P270, P321, P330, P301 + P310, P405, P501
H302 / Harmful if swallowed	Acute toxicity,oral		P264, P270, P312, P330, P301 + P312, P501
	134		
H303 / May be harmful if swallowed	Acute toxicity,oral		
H304 / May be fatal if swallowed and enters airways	Aspiration hazard		
H305 / May be fatal if swallowed and enters airways	Aspiration hazard		P331, P301 + P310, P405, P501
H310 / Fatal in contact with skin	Acute toxicity,dermal		P262, P264, P270, P280, P310, P322, P361, P363, P302 + P350, P405, P501
H311 / Toxic in contact with skin	Acute toxicity,dermal		P280, P312, P322, P361, P363, P302 + P352, P405, P501



Code / Hazard statements	Hazard class	Pictogram	P-Codes
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H312 / Harmful in contact with skin	Acute toxicity,dermal		P280, P312, P322, P363, P302 + P352, P501
H313 / May be harmful in contact with skin	Acute toxicity,dermal		P312
H314 / Causes severe skin burns and eye damage	Skin corrosion/irritation		P260, P264, P280, P310, P321, P363, P301 + P330 + P331, P303 + P361 + P353, P304 + P340, P305 + P351 + P338, P405, P501
H315 / Causes skin irritation	Skin corrosion/irritation		P264, P280, P321, P362, P302 + P352, P332 + P313
H316 / Causes mild skin irritation	Skin corrosion/irritation		P332 + P313
H317 / May cause an allergic skin reaction	Sensitisation, Skin		P261, P272, P280, P321, P363, P302 + P352, P333 + P313, P501
H318 / Causes serious eye damage	Serious eye damage/eye irritation		P280, P310, P305 + P351 + P338
H319 / Causes serious eye irritation	Serious eye damage/eye irritation		P264, P280, P305 + P351 + P338, P337 + P313
H320 / Causes eye irritation	Serious eye damage/eye irritation		P264, P305 + P351 + P338, P337 + P313
H330 / Fatal if inhaled	Acute toxicity,inhalation		P260, P271, P284, P310, P320, P304 + P340, P405, P403 + P233, P501
H331 / Toxic if inhaled	Acute toxicity,inhalation		P261, P271, P311, P321, P304 + P340, P405, P403 + P233, P501
H332 / Harmful if inhaled	Acute toxicity,inhalation		P261, P271, P312, P304 + P340
H333 / May be harmful if inhaled	Acute toxicity,inhalation		P304 + P312
H334 / May cause allergy or asthma symptoms or breathing difficulties if inhaled	Sensitisation, respiratory		P261, P285, P304 + P341, P342 + P311, P501
H335 / May cause respiratory irritation	Specific target organ toxicity, single exposure;Respiratory tract irritation		

Code / Hazard statements	Hazard class	Pictogram	P-Codes
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H336 / May cause drowsiness or dizziness	Specific target organ toxicity, single exposure; Narcotic effects		P261, P271, P312, P304 + P340, P405, P403 + P233, P501
H340 / May cause genetic defects	Germ cell mutagenicity		
H341 / Suspected of causing genetic defects	Germ cell mutagenicity		P201, P202, P281, P308 + P313, P405, P501
H350 / May cause cancer	Carcinogenicity		
H351 / Suspected of causing cancer	Carcinogenicity		P201, P202, P281, P308 + P313, P405, P501
H360 / May damage fertility or the unborn child	Reproductive toxicity		P201, P202, P281, P308 + P313, P405, P501
H361 / Suspected of damaging fertility or the unborn child	Reproductive toxicity		
H362 / May cause harm to breast-fed children	Reproductive toxicity, effects on or via lactation		P201, P260, P263, P264, P270, P308 + P313
H370 / Causes damage to organs	Specific target organ toxicity, single exposure		P260, P264, P270, P321, P307 + P311, P405, P501
H371 / May cause damage to organs	Specific target organ toxicity, single exposure		P260, P264, P270, P309 + P311, P405, P501
H372 / Causes damage to organs through prolonged or repeated exposure	Specific target organ toxicity, single exposure		P260, P264, P270, P301, P314, P501
H373 / Causes damage to organs through prolonged or repeated exposure	Specific target organ toxicity, single exposure		P260, P314, P501
H400 / Very toxic to aquatic life	Hazardous to the aquatic environment, acute hazard		P273, P391, P501
H401 / Toxic to aquatic life	Hazardous to the aquatic environment, acute hazard		P273, P501
H402 / Harmful to aquatic life	Hazardous to the aquatic environment, acute hazard		

Code / Hazard statements	Hazard class	Pictogram	P-Codes
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H410 / Very toxic to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term hazard		P273, P391, P501
H411 / Toxic to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term hazard		
H412 / Harmful to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term hazard		P273, P501
H413 / May cause long lasting harmful effects to aquatic life	Hazardous to the aquatic environment, long-term hazard		
H420 / Harms public health and the environment by destroying ozone in the upper atmosphere	Hazardous to the ozone layer		P502

1.Orders

To simplify the order process, please include your customer number, as well as the product number and packing size listed in our catalogue or in our quotation.

2.Prices and price changes

All quotes are in EUR, Ex.works Seller's Place. Special packing charges will be added to the invoice.

Since we try to ship all orders the day of receipt, shipment will be made promptly even if prices have been nominally increased (unless you tell us not to). Price reductions will automatically apply to the invoice.

3.Quotations

We will promptly quote on your needs, giving current prices and estimates of insurance and freight charges.

**4.Acknowledgement**

Orders which cannot be delivered from stock are acknowledged, with an estimated delivery time, which may be subject to alteration.

5.Transport

All consignments are dispatched at the risk of the consignee. This included coverage provided by the shipping carrier. Charges are to the customer's account.

6.Claims for lost or Damaged Shipments

If you should need assistance in filing a claim for lost, incomplete or damaged shipment, we will be happy to help you. Please inspect packages immediately upon receipt and inform our Sales Department of any shortage or damage within 3 days of receipt.

7.Return Shipments

We will not accept return shipments unless we have given prior written permission and shipping instructions. Returned shipments must pass all current packing and transportation regulations.

8.Bulk Quantities

Most of the chemicals listed in this catalogue can be supplied in larger quantities. Contact us for prompt quotation on price and delivery.

9.Custom Synthesis

We are constantly adding new products and welcome suggestions. If you require a chemical not listed in our catalogue, we will consider making it as a custom synthesis.

10.End User Statement

For certain chemicals we may ask the buyer to provide written assurance that the chemicals will neither be purchased nor resold for an improper use. We will consider requests for commercial use of our products. Please contact our Sales Department.

11.Use

Throughout this catalogue we list possible uses for certain chemicals as described in the referenced literature. These uses are provided for experimental or technical purposes only; that is, use in the laboratory under supervision of a technically qualified person. We expressly disclaim any warranties of merchantability and fitness for a particular purpose.



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1. Acceptance

All sales are subject to an expressly conditioned upon the terms and conditions contained herein, and upon Buyer's assent thereto. No variation of these terms and conditions will be binding upon Seller unless agreed to in writing and signed by an officer or other authorized representative of Seller.

2. Changes

Orders arising hereunder may be changed or amended only by written agreement signed by both Buyer and Seller, setting forth the particular changes to be made and the effect, if any, of such changes on the price and time of delivery. Buyer may not cancel this order unless such cancellation is expressly agreed to in writing by Seller. In such event, Seller will advise Buyer of the total charge for such cancellation, and Buyer agrees

to pay such charges, including, but not limited to, storage and shipment costs, costs of producing non-standard materials, costs of purchasing non-returnable materials, cancellation costs imposed on Seller by its suppliers, and any other cost resulting from cancellation of this order by Buyer which is permitted by Seller.

Certification of such costs by Seller's independent public accountants shall be conclusive on the parties hereto.

3. Delivery, Claims, Delays

Unless specified differently in writing, all sales are FCA Seller's shipping point. Delivery of goods to the carrier at Seller's plant or other loading point, shall constitute delivery to Buyer and regardless of shipping terms, all risk of loss or damage in transit shall be borne by Buyer. The general method of shipment for each item will be in accordance with the method specified by Buyer.

However, Seller reserves the right, in its discretion, to determine the exact method of shipment. Seller reserves the right to make delivery in installments, all such installments to be separately invoiced and paid for when due per invoice, without regard to subsequent deliveries. Delay in delivery of any installment shall not

relieve Buyer of Buyer's obligation to accept remaining deliveries.

Immediately upon Buyer's receipt of any goods shipped hereunder, Buyer shall inspect the same and shall notify Seller in writing of any claims for shortages, defects or damages and shall hold the goods for Seller's written instructions concerning disposition.

If Buyer shall fail to so notify Seller within three days after the goods have been received by Buyer, such goods shall conclusively be deemed to conform to the terms and conditions hereof and to have been irrevocably accepted by the Buyer. Seller shall not be liable for any loss, damage or penalty as a result of any delay in or failure to manufacture, deliver, or otherwise perform hereunder due

to any cause beyond Seller's reasonable control, including, without limitation, unsuccessful reactions, act of Buyer, embargo or other governmental act, regulation or request affecting the conduct of Seller's business, fire, explosion, accident, theft, vandalism, riot, acts of war, strikes or other labor difficulties, lightning, flood, windstorm or other acts of God, delay transportation, or inability to obtain necessary labor, fuel, materials, supplies, or power at current prices.

4. Allocation of Goods

If Seller is unable, for any reason, to supply the total demands for goods specified in Buyer's order, Seller may allocate its available supply among any or all buyers on such basis as Seller may deem fair and practical, without liability for any failure of performance that may result therefrom.

5. Payment

Terms of sale are net 30 days of date of invoice, unless otherwise stated.

If the financial condition of Buyer result in the insecurity of Seller, in its sole and unfettered discretion, as to the ultimate collectability of the purchase price, Seller may, without notice to Buyer, delay or postpone the delivery of the products; and Seller, at its option, is authorized to change the terms of payment to payment in full or in part in advance of shipment of the entire undelivered balance of said products. In the event of default by

Buyer in the payment of purchase price or otherwise, of this or any other order, Seller, at its option, without prejudice to any other of Seller's lawful remedies, may defer delivery, cancel this Contract, or sell any undelivered products on hand for the account of Buyer and apply such proceeds as a credit, without set-off or deduction of any kind, against the contract purchase price, and Buyer agrees to pay the balance then due to Seller on demand. Buyer agrees to pay all costs, including, but not limited to, reasonable attorney and accounting fees and other expenses of collection resulting from any default by Buyer in any of the terms hereof.

6. Taxes and Other Charges

Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee, or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between Seller and Buyer shall be paid by Buyer in addition to the prices quoted or invoiced. In the event Seller is required to pay any such tax, fee, or charge, Buyer shall reimburse Seller therefor; or, in lieu of such payment, Buyer shall provide Seller, at the time the order is submitted, an exemption certificate or other document acceptable to the authority imposing the tax, fee, or charge.

7. Warranties

Seller warrants that its products shall conform to the description of such products as provided to Buyer by Seller through Seller's catalogue, analytical data, or other literature. **This warranty is exclusive, and Seller makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.** Seller's warranties made in connection with this sale shall not be effective if Seller has determined, in its sole discretion, that Buyer has misused the products in any manner, has failed to use the products in accordance with industry standards and practices, or has failed to use the products in accordance with instructions, if any, furnished by Seller.

Periodic table of the elements

1 1A 1 H 1.0079 HYDROGEN	2 2A 2 He 4.0026 HELIUM																	18 VIII 2 He 4.0026 HELIUM					
3 3A 3 Li 6.941 LITHIUM	4 4A 4 Be 9.0122 BERYLLIUM	13 III A 5 B 10.811 BORON	14 IV A 6 C 12.011 CARBON	15 VA 7 N 14.007 NITROGEN	16 VIA 8 O 15.999 OXYGEN	17 VII A 9 F 18.998 FLUORINE																	18 VIII 10 Ne 20.180 NEON
11 1A 3 Na 22.990 SODIUM	12 2A 4 Mg 24.305 MAGNESIUM	13 III A 5 Al 26.982 ALUMINUM	14 IV A 6 Si 28.086 SILICON	15 VA 7 P 30.974 PHOSPHORUS	16 VIA 8 S 32.065 SULFUR	17 VII A 9 Cl 35.453 CHLORINE																	18 VIII 18 Ar 39.948 ARGON
19 3A 4 K 39.098 POTASSIUM	20 4A 4 Ca 40.078 CALCIUM	31 III B 5 Ga 69.723 GALLIUM	32 IV B 6 Ge 72.64 GERMANIUM	33 VA 7 As 74.922 ARSENIC	34 VIA 8 Se 78.96 SELENIUM	35 VII A 9 Br 79.904 BROMINE																	36 VIII 36 Kr 83.80 KRYPTON
37 3A 5 Rb 85.468 RUBIDIUM	38 4A 4 Sr 87.62 STRONTIUM	49 III B 5 In 114.82 INDIUM	50 IV B 6 Sn 118.71 TIM	51 VA 7 Sb 121.76 ANTIMONY	52 VIA 8 Te 127.60 TELLURIUM	53 VII A 9 I 126.90 IODINE																	54 VIII 54 Xe 131.29 XENON
55 3A 6 Cs 132.91 CESIUM	56 4A 4 Ba 137.33 BARIUM	81 III B 5 Tl 204.38 THALLIUM	82 IV B 6 Pb 207.2 LEAD	83 VA 7 Bi 208.98 BISMUTH	84 VIA 8 Po (209) POLONIUM	85 VII A 9 At (210) ASTATINE																	86 VIII 86 Rn (222) RADON
87 3A 7 Fr (223) FRANCIUM	88 4A 4 Ra (226) RADIUM																	114 289 Uuq UNUNQUADIUM					

Metals	Metalloids	Non-metals
1 Alkali metals	16 Chalcogen	
2 Alkaline-earth metals	17 Halogen	
Transition metals	18 Noble gases	
Lanthanides	Actinides	

57 LANTHANUM	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
LANTHANIUM	CERIUM	PRASEODYMIUM	NEODYMIUM	PROMETHIUM	SAMARIUM	EUROPIUM	GADOLINIUM	TERBIUM	DYSPROSIUM	HOLMIUM	ERBIUM	THULIUM	YTTERBIUM	LUTETIUM
89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr
ACTINIUM	THORIUM	PROTACTINIUM	URANIUM	NEPTUNIUM	PLUTONIUM	AMERICIUM	CURIUM	BERKELIUM	CALIFORNIUM	EINSTEINIUM	FERMIUM	MEDELEVIUM	NOBELIUM	LAWRENCIUM

Group classification

Atomic number 5 13 IIIA

Atomic weight 10.811

Symbol B

Element BORON

Physical state Ne - Gas, Ga - Liquid, Fe - solid, Tc - Synthetical

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2015 - 2016



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