

Simplicity for Science



About Us

Atom Scientific is a specialised manufacturer of diagnostic reagents with over 50 years in delivering exceptional quality to the life science industry throughout the world

History

Established in 2009, Atom Scientific is a specialist manufacturer of diagnostic stains and reagents for Life Science Laboratories

As the business has grown it has organically grown its product range to incorporate a comprehensive range of chemicals to suit our customer's needs

Our Primary Aims are to deliver:

- **Quality**
- **Service**
- **Cost Effective Pricing**

Quality

Our Quality Management Systems are Certificated to **ISO9001:2008**

Our QA/Compliance Team ensure our products are fully auditable from raw material to finished product

Our Life Science Testing Laboratory is operated by experienced Life Scientists, ensuring our products are compliant to the requirements of **ISO15189**, saving our customers time and resources in compliance, whilst ensuring consistent quality

Facilities

In 2014, the company opened our current single site facility in Manchester, enabling Atom Scientific to significantly increase operational capacity, whilst ensuring compliance to all current and future legislation

We specialise in finished product pack sizes from 10ml/10gm to 25L/25Kg and have manufacturing capacity for batches from 500ml - 5000L


Our facilities can accommodate single bottle requirements up to multiple 1000's to meet any lead time requirement

All chemicals and reagents offered by Atom Scientific are manufactured, packed and distributed on-site

Contact Us

 +44 (0) 161 366 5123

 sales@atomscientific.com

 +44 (0) 1704 33 7167

 www.atomscientific.com

Orders

Orders can be placed On-Line, by Email or by Fax

 orders@atomscientific.com

All orders must include Delivery and Invoice Address and product information as follows:

- Product Code
- Product Name
- Pack Size
- Qty
- Price

All prices on website or in price lists are quoted ex-works on an E,O&E basis

Technical

Atom provide a Technical Resource on our website, where the following can be downloaded:

- Material Safety Data Sheet (MSDS)
- Certificate of Conformity
- Certificate of Analysis
- Product Protocols

If we hold a Technical email address for you, a full MSDS will be emailed automatically at point of despatch.

If you need technical assistance, please contact:

 technical@atomscientific.com



ISO15189 compliant products
simply delivering consistency
and reliability to **Life Sciences**

 **High Quality Chemicals**

 **Fit for Purpose Packaging**

 **Global Shipping**

Our philosophy is to make science simple, we deliver high quality validated products, in fit for purpose packaging, safely shipped, at competitive prices, where you want them, when you need them



IVD

www.atomscientific.com

Product Information

Where applicable the following information is provided for each chemical product

Product Name and Purity/Grade: **Acetone 99.5% BP**

CAS Number: 67-64-1 | EINECS Number: 200-662-2 | UN Number: UN1090 | Flash Point: -20°C

Minimum Assay: 99.50%

Molecular Formula: C_3H_6O

Molecular Weight: 58.08 g/mol

Melting Point: -94°C

Density at 25°C (g/cm³): 0.791

Water: <0.3%

Acidity (as Acetic Acid): <0.002%

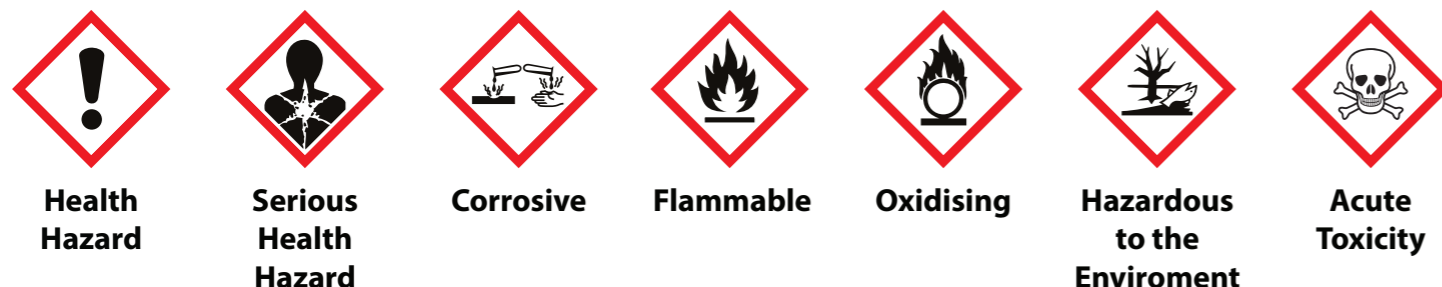
Refractive Index: 1.359

Code	Pack	Price
GPS1003-D	500ml	£1.55
GPS1003-E	1L	£3.15
GPS1003-F	2.5L	£6.15

CLP Hazardous Pictogram:

CLP Regulations & Pictogram

Atom Scientific supplies all products in accordance with the European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, more commonly called CLP.



Specifications

Atom Scientific has carefully sourced a range of high specification chemicals suitable for the majority of applications. The purity of each product is clearly identified, alongside a detailed specification.

- ACS** A high purity chemical that meets the specifications of the American Chemical Society
- BP** A high purity chemical that meets the specifications of the British Pharmacopoeia Council
- FCC** Products that meet the requirements of the Food Chemical Codex
- FG** Certified Food Grade Product
- USP** A high purity chemical that meets the specifications of the US Pharmacopoeia Council
- Ph Eur** A high purity chemical that meets the specifications of the European Pharmacopoeia Council

Product Packaging

Powders

All powdered chemicals are supplied in robust tamper evident containers.

Pack sizes above 1Kg are supplied with handle for ease of handling.

All products are outer bagged prior to shipment and outer packed in strong fibreboard boxes for safety in transit.



Liquids



Our standard liquids are supplied in sturdy HDPE Jerrycans with Tamper evident lid and outer packed in sturdy fibreboard boxes, UN Certified where required.

Our acids and extremely flammable solvents are supplied in UN Certified Stand Alone Containers. Products of this nature are outer bagged with absorbent inner material prior to being outer packed in sturdy fibreboard boxes, UN certified where required.

Glass Winchester

To suit all customer preferences, Atom Scientific also offers our products in a range of wide neck amber glass winchesters with a 45mm neck for ease of decanting products.

Sizes available are 100ml, 250ml, 500ml, 1L and 2.5L.

All winchester bottles are outer bagged and packed in UN Certified Outer Eggshell Fibreboard boxes for safety in transit.



Chemicals & Reagents

Acetaldehyde 99%

Cas No: 75-07-0	Einecs: 200-836-8	UN1089	Flash Point: -27°C
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Minimum Assay: >99.0%
Molecular Formula: CH₃CHO
Molecular Weight: 44.06 g/mol
Boiling Point: 20.8°C
Melting Point: -128°C
Density at 25°C (g/cm³): 0.780
Refractive Index: 1.3316



Code	Pack
GPS0100-D	500ml

Acetamide 99%

Cas No: 60-35-5	Einecs: 200-473-5	UN3077	
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Minimum Assay: >99.0%
Molecular Formula: CH₃CONH₂
Molecular Weight: 59.08 g/mol
Boiling Point: 221°C
Melting Point: 78-80°C

Code	Pack
GPC00160-X	100g
GPC00160-2X	250g

Acetic Acid 1.0M (1.0N) Solution



Contains:
Acetic Acid 99.85%:
1.0M (1.0N) +/- 1%

Code	Pack
VM8005-F	2.5L

Acetic Acid 99.85% ACS,USP,EP,FCC,FG

Cas No: 64-19-7	Einecs: 200-580-7	UN2789	Flash Point: 40°C
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Minimum Assay: >99.85% w/w
Molecular Formula: CH₃COOH
Molecular Weight: 60.05 g/mol
Boiling Point: 117-118°C
Melting Point: 16.2°C
Density at 25°C (g/cm³): 1.049



Non-Volatile Matter: <0.003% w/w
Permanganate Time: min 2 hours

Code	Pack
GPC8005-D	500ml
GPC8005-E	1L
GPC8005-F	2.5L
GPC8005-6E	6 x 1L

Acetic Anhydride 98% (GW)

Cas No: 108-24-7	Einecs: 203-564-8	UN1715	Flash Point: 54°C
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Minimum Assay: >98%
Molecular Formula: C₄H₆O₃
Molecular Weight: 102.09 g/mol
Melting Point: -73.1°C
Boiling Point: 138-141°C
Refractive Index: 1.3900
Residue on Evaporation: <30ppm



Code	Pack
GWN2241-B	100ml
GWN2241-D	500ml

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simply delivering consistency
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Acetone 99.5% BP

Cas No: 67-64-1	Einecs: 200-662-2	UN1090	Flash Point: -20°C
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Minimum Assay: 99.50%
Molecular Formula: C₃H₆O
Molecular Weight: 58.08 g/mol
Melting Point: -94°C
Density at 25°C (g/cm³): 0.791
Water: <0.3%
Acidity (as Acetic Acid): <0.002%
Refractive Index: 1.359



Code	Pack
GPS1003-D	500ml
GPS1003-E	1L
GPS1003-F	2.5L

Acetyl Chloride 98%

Cas No: 75-36-5	Einecs: 200-865-6	UN1717	Flash Point: 5°C
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Minimum Assay: 99%
Molecular Formula: CH₃COCl
Molecular Weight: 78.50 g/mol
Boiling Point: 52°C
Melting Point: -112°C
Density at 25°C (g/cm³): 1.104
Refractive Index: 1.389



Code	Pack
GPS3225-B	100ml

Adenosine-5-triphosphoric Acid Disodium Salt (ATP)

Cas No: 34369-07-8	Einecs: 213-579-1		
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Molecular Formula: C₁₀H₁₆N₅Na₂O₁₃P₃
Molecular Weight: 551.15 g/mol
Melting Point: 176°C
Storage Temperature: 2-8°C

Code	Pack
GPC01871-1GM	1g
GPC01871-T	5g

Agar Nutrient

Cas No: 9002-18-0	Einecs: 232-658-1		
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Directions:
Suspend 52 g in 1 L of distilled water.
Bring to the boil to dissolve completely.
Sterilise by autoclaving at 121°C for
15 minutes. Dry the surface of the gel
before inoculation.

Code	Pack
CM0007-X	100g

Agar Powder (Bacteriological)

Cas No: 9002-18-0	Einecs: 232-658-1		
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Solubility: soluble in boiling water
Particle Size: min 95% through 80 mesh (177
Microns)
Gel Strength (1.5%/15h): >900 g/cm³
Congealing Point: 35-41°C
pH (1.5%): 6.0-8.0
Loss on Drying: <22.0%
Ash on DM: <1.5%
Insoluble Matter: <1.0%
Acid Insoluble ash on DM: <1.5%
Starch: not detectable
Gelatin and other proteins: not detectable
Water Absorption: min 5 times

Code	Pack
GPC5101-X	100g
GPC5101-2X	250g
GPC5101-5X	500g

Chemicals & Reagents

DL-Alanine 99% Food Grade

Cas No: 302-72-7	Einecs: 206-126-4		
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FCC Food Grade, Halal, Kosher
Minimum Assay: >99%
Molecular Formula: C₃H₇NO₂
Molecular Weight: 89.09 g/mol
Melting Point: 292°C
FDA 21 CFR (172.54)
FDA 21 CFR (172.504)

Code	Pack
GPC7435-W	25g

L-Alanine 98.5-101%

Cas No: 56-41-7	Einecs: 200-273-8		
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Minimum Assay: 98.5-101%
Molecular Formula: C₃H₇NO₂
Molecular Weight: 89.09 g/mol
Melting Point: 295°C
pH: 5.6-6.7

Code	Pack
GPC9955-1GM	1g

Alizarin Red Sodium Salt C.I.58005

Cas No: 130-22-3	Einecs: 204-981-8		
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Molecular Formula: C₁₄H₇O₅Na
Molecular Weight: 342.26 g/mol
Loss on drying at 110°C: <6%
Solubility: Soluble in water at 0.1% - Clear Yellow
Solution

Code	Pack
RRBD125-T	5g

Visual Transition Interval:
from pH 3.5 (yellow) to pH 6.5 (pink)
from pH 9.4 (orange) to pH 12.0 (violet)

Aluminium Ammonium Sulphate Dodecahydrate 99%

Cas No: 7784-26-1	Einecs: 232-055-3		
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Minimum Assay: >99%
Molecular Formula:
AlH₂(SO₄)₂·12H₂O
Molecular Weight: 453.32 g/mol
Melting Point: 93.5°C
Solubility in water (% weight): 14%
in water



Code	Pack
GPC8010-5X	500g

Aluminium Chloride Anhydrous 99%

Cas No: 7446-70-0	Einecs: 231-208-1	UN1726	
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Minimum Assay: >99%
Molecular Formula: AlCl₃
Molecular Weight: 133.44 g/mol
Melting Point: 190°C
Iron (Fe): <11ppm
Insoluble Matter: <118ppm



Code	Pack
GPC9294-X	100g
GPC9294-5X	500g

Aluminium Chloride Hexahydrate 99.9% ACS,Ph Eur,BP,USP

Cas No: 7784-13-6	Einecs: 231-208-1		
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Minimum Assay: 95.0 - 102.0%
Chemical Formula: AlCl₃·6H₂O
Molecular Weight: 241.43 g/mol
Melting point: 100°C



Code	Pack
GPC9295-X	100g
GPC9295-2X	250g

Aluminium Hydroxide 99.2%

Cas No: 21645-51-2	Einecs: 244-492-7		
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Minimum Assay: <99.2%
Molecular Formula: Al(OH)₃
Molecular Weight: 78.0 g/mol
Melting Point: 300°C
pH: 8-10%
Iron: <0.035%
Silicone: <0.05%

Code	Pack
GPC8118-5X	500g

Aluminium Metal Powder (fine)

Cas No: 7429-90-5	Einecs: 231-072-3	UN1309	
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Minimum Assay: >90%
Molecular Formula: Al
Molecular Weight: 26.98 g/mol
Melting Point: 660.37°C
Boiling Point: 2460°C
Density at 25°C (g/cm³): 2.7

Code	Pack
GPC5489-2X	250g
GPC5489-5X	500g

Aluminium Nitrate Nonahydrate 98%

Cas No: 7784-27-2	Einecs: 236-751-8	UN1438	
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Minimum Assay: >98%
Molecular Formula: Al(NO₃)₃·9H₂O
Molecular Weight: 375.13 g/mol
Melting Point: 73.5°C



Code	Pack
GPC2033-2X	250g

Aluminium Oxide 99% Calcined

Cas No: 1344-28-1	Einecs: 215-691-6		
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Minimum Assay: >99%
Molecular Formula: Al₂O₃
Molecular Weight: 101.94 g/mol
Melting Point 2040°C
Particle size: 100-325 mesh
Loss on Ignition: <0.35%

Code	Pack
GPC3634-5X	500g

Aluminium Potassium Sulphate 99.5% ACS

Cas No: 7784-24-9	Einecs: 233-141-3		
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Minimum Assay: >99.5%
Molecular Formula: KAl(SO₄)₂·12H₂O
Molecular Weight: 474.38 g/mol
Melting Point: 92°C
Density at 25°C (g/cm³): 1.757
Water: <4.5%

Code	Pack
GPC8011-5X	500g
GPC8011-Y	1kg

Aluminium Sheets 100 x 50 x 0.5mm

Cas No: 7429-90-5	Einecs: 231-072-3		
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Aluminium Foil Soft Temper
(Alloy 1070)
Molecular Formula: Al
Molecular Weight: 26.98 g/mol
Melting Point: 660.37°C
Dimensions: 100m x 50mm x
0.5mm

Code	Pack
ALUFL5-10	10 sheets

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Chemicals & Reagents

Aluminium Sulphate 17% (Iron Free)

Cas No: 10043-01-3	Einecs: 233-135-0	UN3260
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Minimum Assay: <15-20%
Molecular Formula: $Al_2(SO_4)_3$
Molecular Weight: 342.15 g/mol
Melting point: 770°C
Density at 25°C (g/cm³): 2.71

Code	Pack
GPC8114-2X	250g
GPC8114-5X	500g

3-Aminophthaloylhydrazine 97% (Luminol)

Cas No: 521-31-3	Einecs: 208-309-4
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Minimum Assay: 97%
Molecular Formula: $C_8H_7N_3O_2$
Molecular Weight: 177.16 g/mol
Melting Point: >300°C

Code	Pack
GPC5187-1GM	1g
GPC5187-T	5g

Ammonia Solution 33-34% SG0.88

Cas No: 1336-21-6	Einecs: 215-647-6	UN2672
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Minimum Assay (As NH₃): 33.0-34.0%
Molecular Formula: NH_4OH
Molecular Weight: 35.05 g/mol
Density at 15°C (g/cm³): <0.890
Residue on Evaporation (w/w): <25ppm



Code	Pack
GPC9001-E	1L
GPC9001-F	2.5L

Ammonium Acetate 97%

Cas No: 631-61-8	Einecs: 211-162-9	Flash Point: 136°C
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Minimum Assay: >97%
Molecular Formula: $C_2H_5NO_2$
Molecular Weight: 77.08 g/mol
Melting Point: 112°C
Chloride (Cl): <0.005%
Sulphate (SO₄): <0.01%
Iron (Fe): <0.001%
Lead (Pb): <0.001%

Code	Pack
GPC7105-5X	500g

Ammonium Bromide 99.5%

Cas No: 12124-97-9	Einecs: 235-183-8
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Minimum Assay: >99.5%
Molecular Formula: NH_4Br
Molecular Weight: 97.97 g/mol
Melting Point: 452°C
Density at 25°C (g/cm³): 2.43

Code	Pack
GPC9430-2X	250g

Ammonium Carbonate 30%+ ACS

Cas No: 506-87-6	Einecs: 208-058-0
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Molecular Formula: $(NH_4)_2CO_3$
Molecular Weight: 96.09 g/mol
Ammonia (NH₃): <31.49%
Chloride (Cl): <0.0005%
Sulphate (SO₄): <0.001%
Phosphate (PO₄): <0.001%
Iron (Fe): <0.00011%
Residue on Ignition (as SO₄): <0.055%
Heavy metals (as Pb): <0.0001%

Code	Pack
GPC3636-5X	500g

Ammonium Chloride 99.5%

Cas No: 12125-02-9	Einecs: 235-186-4
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Minimum Assay: >99.5%
Molecular Formula: NH_4Cl
Molecular Weight: 53.49 g/mol
Melting Point: 340°C
Density at 25°C (g/cm³): 1.53
pH (5% soln 25°C): 4.5 - 5.5

Code	Pack
GPC7106-5X	500g
GPC7106-Y	1kg
GPC7106-3Y	3kg

Ammonium Dichromate 99.5% ACS

Cas No: 7789-09-5	Einecs: 232-143-1	UN1439
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Minimum Assay: >99.5%
Molecular Formula: $(NH_4)_2Cr_2O_7$
Molecular Weight: 252.08 g/mol
Melting Point: 170°C

Code	Pack
GPC8056-2X	250g

Ammonium Iron (II) Sulphate Hexahydrate 99.9%

Cas No: 7783-85-9	Einecs: 233-151-8
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Minimum Assay (Oxidimetric): 99.9-100.23%
Molecular Formula: $(NH_4)_2Fe(SO_4)_6 \cdot 6H_2O$
Molecular Weight: 392.13 g/mol
Melting Point: 100-110°C
Chloride (Cl): <0.001%
Iron (Fe): <0.01%

Code	Pack
GPC7770-2X	250g
GPC7770-5X	500g

Ammonium Iron (III) Citrate 18%

Cas No: 1185-57-5	Einecs: 214-686-6
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Minimum Assay (Fe): >18%
Molecular Formula: $C_6H_8O_7 \cdot xFe^{3+} \cdot yNH_3$
Colour: Brown
pH: 6.0-8.0
Chloride (Cl): <0.053%
Sulphate (SO₄): <1.5

Code	Pack
GPC9399-X	100g

Chemicals & Reagents

Ammonium Iron (III) Sulphate Dodecahydrate 99%

Cas No: 7783-83-7	Einecs: 233-382-4
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Minimum Assay: >99.00%
Molecular Formula: $NH_4Fe(SO_4)_2 \cdot 12H_2O$
Molecular Weight: 482.19 g/mol
Melting Point: 39-41°C
Storage Temp: 2-8°C

Code	Pack
GPC8012-5X	500g

Ammonium Molybdate Tetrahydrate 99% ACS

Cas No: 12054-85-2	Einecs: 234-722-4
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Minimum Assay: >99.3%
Molecular Formula: $(NH_4)_6Mo_7O_{24} \cdot 4H_2O$
Molecular Weight: 1235.86 g/mol
Melting Point: 190°C
Density at 25°C (g/cm³): 2.498
Solubility in water (% weight): 43% cold water

Code	Pack
GPC9308-X	100g
GPC9308-5X	500g

Ammonium Nickel Sulphate Hexahydrate 98.5%

Cas No: 7785-20-8	Einecs: 239-793-5	UN3077
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Minimum Assay: >98.5%
Molecular Formula: $(NH_4)_2Ni(SO_4)_6 \cdot 6H_2O$
Molecular Weight: 394.99 g/mol
Melting Point: 85-89°C

Code	Pack
GPC1280-X	100g
GPC1280-2X	250g

Ammonium Nitrate 98%

Cas No: 6484-52-2	Einecs: 229-347-8	UN1942
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Minimum Assay: 98.0%
Molecular Formula: NH_4NO_3
Molecular Weight: 80.04 g/mol
Boiling Point: 210°C
Melting Point: 169°C
Chloride (Cl): <0.002%
Iron (Fe): <0.001%
Heavy Metals (Pb): 0.001%
Sulphate (SO₄): 0.001%

Code	Pack
GPC8013-5X	500g

Ammonium Oxalate Monohydrate 99% ACS

Cas No: 6009-70-7	Einecs: 238-135-4
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Minimum Assay: <99%
Molecular Formula: $(COONH_4)_2 \cdot H_2O$
Molecular Weight: 142.11 g/mol
Melting Point: 133°C
Solubility in Water (% weight): 11.8% water at 500°C

Code	Pack
GPC8014-X	100g

Ammonium Persulphate 98%

Cas No: 7727-54-0	Einecs: 231-786-5	UN1444
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Minimum Assay: >98%
Molecular Formula: $H_2N_2O_8S_2$
Molecular Weight: 228.19 g/mol
Melting Point: 120°C
Refractive Index: 1.50

Code	Pack
GPC9298-5X	500g

Ammonium Sulphate 99.5% ACS

Cas No: 7783-20-2	Einecs: 231-984-1
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Minimum Assay: >99%
Molecular Formula: $H_2N_2O_4S_2$
Molecular Weight: 132.14 g/mol
Melting Point: 280°C
Density at 25°C (g/cm³): 1.77
pH (5% soln 20°C): 5.0 - 6.0

Code	Pack
GPC7457-5X	500g
GPC7457-Y	1kg

Ammonium Thiocyanate 98%

Cas No: 1762-95-4	Einecs: 217-175-6
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Minimum Assay: >98%
Molecular Formula: NH_4SCN
Molecular Weight: 76.12 g/mol
Melting Point: 152-154°C
pH (5% soln 25°C): 4.5-6.0

Code	Pack
GPC1366-X	100g

Amylase AD11MDP 30000 BC Kosher Parev

Cas No: 9001-19-8	Einecs: 232-588-1
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Activity: 30,000 amylase u/g
Biological Source: *Aspergillus oryzae*
Form: Off-white powder
Optimum pH Range: 4.5-6.0
Optimum Temperature Range: 50-55°C

Code	Pack
AD11MDP-W	25g
AD11MDP-X	100g

Aniline 99%

Cas No: 62-53-3	Einecs: 200-539-3	UN1547	Flash Point: 70°C
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Minimum Assay: >99%
Molecular Formula: $C_6H_5NH_2$
Molecular Weight: 93.13 g/mol
Boiling Point: 184°C
Melting Point: -6°C
Density at 25°C (g/cm³): 1.022
Refractive Index: 1.586

Code	Pack
GPC8617-C	250ml
GPC8617-D	500ml

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Chemicals & Reagents

Aniline Blue C.I. 42755

Cas No: 28631-66-5	Einecs: 249-113-9		
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C.I. 42755
Minimum Assay: >95%
Molecular Formula: C₁₂H₉N₃O₃S₂Na₂
Molecular Weight: 373.35 g/mol

Code	Pack
RRBD89-W	25g

Aniline Hydrochloride 99%

Cas No: 142-04-1	Einecs: 205-519-8	UN1548	Flash Point: 194°C
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Minimum Assay: >99%
Molecular Formula: C₆H₇NHCl
Molecular Weight: 129.59 g/mol
Melting Point: 196-200°C
Boiling Point: 245°C

Code	Pack
GPC4613-2W	50g
GPC4613-X	100g

Anti Bumping Granules

Cas No: 1344-28-1	Einecs: 215-691-6		
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Minimum Assay (Al₂O₃): >99.78 %
Molecular Formula: Al₂O₃
Molecular Weight: 101.96 g/mol
Melting Point: 2040°C
Silicon Dioxide (SiO₂): <0.017%
Iron Oxide (Fe₂O₃): <0.019%
Sodium Oxide (Na₂O): <0.150%

Code	Pack
GPC4567-2X	250g

Aquadag 18%

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Contains:

Ammonia 25%
Zinc Oxide
Solids content (%w/w): 22-24%
Boiling Point: approx 100°C
Relative Density at 20°C: 1.1

Code	Pack
GPC3210-X	100g

Artificial Crude Oil

		UN3082	
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Contains:

Paraffin Liquid: 55%
Paraffin Oil: 20%
White Spirit: 11%
Petroleum Ether: 14%
Bitumen Paint: 5%

Code	Pack
GPS2564-D	500ml

L(+) Ascorbic Acid 99-100.5% BP,USP,FCC8

Cas No: 50-81-7	Einecs: 200-066-2		
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Minimum Assay: >99-100.5%
Molecular Formula: C₆H₈O₆
Molecular Weight: 176.12 g/mol
Melting Point: 190-194°C
pH (17% soln 25°C): 1.0-2.5
Colour: White to light yellow
Form: Crystalline powder

Code	Pack
GPC9035-2W	50g
GPC9035-X	100g
GPC9035-2X	250g

DL-Aspartic Acid 99%

Cas No: 617-45-8	Einecs: 210-513-3		
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Minimum Assay: >99%
Molecular Formula: C₄H₇NO₄
Molecular Weight: 133.10 g/mol
Melting Point: >300°C

Code	Pack
GPC4120-W	25g

L-Aspartic Acid 98.5-101.5% USP, FCC

Cas No: 56-84-8	Einecs: 200-291-6		
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Minimum Assay: 98.5-101.5%
Molecular Formula: C₄H₇NO₄
Molecular Weight: 133.11 g/mol
Melting Point: >300°C
Chloride (Cl): <0.02%
Ammonium (NH₄) (salt): <0.02%
Heavy Metals (as Pb): <10ppm
Arsenic (As): <1ppm
Lead (Pb): <5ppm

Code	Pack
GPC4182-W	25g

Barfoeds Reagent

		UN1759	
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Contains:

Copper Acetate: <10%
Acetic Acid: <1%



Code	Pack
RRSP6363-D	500ml

Barium Carbonate 99%

Cas No: 513-77-9	Einecs: 208-167-3		
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Minimum Assay: 99%
Molecular Formula: BaCO₃
Molecular Weight: 197.34 g/mol

Code	Pack
GPC9632-5X	500g

Barium Chloride Dihydrate 99.3%

Cas No: 10326-27-9	Einecs: 233-788-1	UN1564	
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Minimum Assay: 99.3%
Molecular Formula: BaCl₂·2H₂O
Molecular Weight: 244.28 g/mol
Form: Crystalline
Melting Point: 113°C
Density (g/cm³): 3.087

Code	Pack
GPC9299-2X	250g
GPC9299-5X	500g

Chemicals & Reagents

Barium Diphenylamine-4-sulfonate 98-102%

Cas No: 6211-24-1	Einecs: 228-278-0		
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Minimum Assay: 98-102%
Molecular Formula: C₂₄H₂₀BaN₂O₆S₂
Molecular Weight: 633.90 g/mol
Melting Point: >300°C
Loss on drying: <0.2%
Sulphates (SO₄): <0.2%
Chlorides (Cl): <0.5%

Code	Pack
GPC7746-T	5g

Barium Hydroxide Octahydrate GRG

Cas No: 12230-71-6	Einecs: 241-234-5	UN2923	
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Molecular Formula: BaH₂O₈
Molecular Weight: 315.48 g/mol
Melting Point: 78°C
Density at 20°C (g/cm³): 2.18
pH (saturated soln 20°C): 14

Code	Pack
GPC1438-5X	500g



Barium Nitrate 99%

Cas No: 10022-31-8	Einecs: 233-020-5	UN1446	
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Minimum Assay: >99.0 %
Molecular Formula: Ba(NO₃)₂
Molecular Weight: 261.34 g/mol
Melting Point: 592°C
Solubility in water (% weight):
8.7% water at 20°C
pH (5% soln 20°C): 5.0 to 8.0

Code	Pack
GPC1012-2X	250g



Barium Peroxide 90% Anhydrous

Cas No: 1304-29-6	Einecs: 215-128-4	UN1449	
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Minimum Assay: 84-90%
Molecular Formula: BaO₂
Molecular Weight: 169.34 g/mol
Melting Point: 450°C
Density at 20°C (g/cm³): 4.96

Code	Pack
GPC6946-X	100g
GPC6946-2X	250g



Barium Sulphate 97%

Cas No: 7727-43-7	Einecs: 231-784-4		
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Minimum Assay: 98.6-100.0%
Molecular Formula: BaSO₄
Molecular Weight: 233.4 g/mol
Melting Point: 1580°C
Density at 20°C (g/cm³): 4.5

Code	Pack
GPC9300-5X	500g

Basic Fuchsin C.I. 42510

Cas No: 632-99-5	Einecs: 211-189-6		
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Minimum Assay: >91%
Molecular Formula: C₂₀H₂₀ClN₃
Molecular Weight: 337.86 g/mol
Melting Point: 268-270°C
Wavelength Absorption Max (Ethanol): 552 nm
Absorption Ratio (λ_{max} 15 nm): 1.14
Specific Absorption (E1% in 100 mm cell): 2445
Moisture Content: <8.26%
Storage Temperature: 20-24°C

Code	Pack
RRBD91-W	25g

Beeswax MP 58-65°C

Cas No: 8012-89-3	Einecs: 232-383-7		
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Congealing Point (ASTM D 938): 58-65°C
Typical Congealing Point: 62°C
Colour: White - Pale Yellow Pellets

Code	Pack
BWW58-5X	500g
BWW58-Y	1kg

Benedicts Solution Qualitative

Cas No: 63126-89-6		UN3082	
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Contains:

Copper Sulphate: <2%
Sodium Citrate: <2%
Sodium Carbonate: <10%



Code	Pack
RRSP300-D	500ml
RRSP300-E	1L
RRSP300-F	2.5L

Benedicts Solution Quantitative

		UN3082	
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Contains:

Copper Sulphate: <1%
Sodium Citrate: <1%
Sodium Carbonate: <1%
Potassium Thiocyanate: <1%
Potassium Ferrocyanide: <1%



Code	Pack
RRSP900-D	500ml
RRSP900-E	1L
RRSP900-F	2.5L

Bentonite

Cas No: 1302-78-9	Einecs: 215-108-5		
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Appearance: Light grey/greenish solid material
of varying sizes
Odour: Odourless
Melting Point: >450°C
Density at 20°C (g/cm³): 2.6

Code	Pack
GPC4802-5X	500g
GPC4802-Y	1kg

Benzaldehyde 99.5% ACS

Cas No: 100-52-7	Einecs: 202-860-4	UN1990	Flash Point: 54°C
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Minimum Assay: 99.50%
Molecular Formula: C₇H₆O
Molecular Weight: 106.12 g/mol
Boiling Point: 178-179°C
Melting Point: -26°C
Density at 20°C (g/cm³): 1.044
Odour: Bitter Almonds
Acidity (Benzoic Acid): <0.5%
Refractive Index: 1.5430-1.5460

Code	Pack
GPS9011-B	100ml
GPS9011-D	500ml

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Chemicals & Reagents

Benzoic Acid 99.5% Ph Eur / ACS

Cas No: 65-85-0	Einecs: 200-618-2	Flash Point: 121°C
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Minimum Assay: 99.5-100.5%
Molecular Formula: C₇H₆O₂
Molecular Weight: 122.12 g/mol
Boiling Point: 249°C
Melting Point: 122.5°C
Density at 20°C (g/cm³): 1.32
Solubility in water (% weight): 2.9 g/L at 25°C

Code	Pack
GPC9927-X	100g
GPC9927-2X	250g
GPC9927-5X	500g

Benzoyl Chloride 99%

Cas No: 98-88-4	Einecs: 202-710-8	UN1736	Flash Point: 72°C
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Minimum Assay: 99%
Molecular Formula: C₇H₅COCl
Molecular Weight: 140.57 g/mol
Boiling Point: 198°C
Melting Point: -1°C
Density at 25°C (g/cm³): 1.210
Refractive Index: 1.553

Code	Pack
GPC3522-B	100ml

Benzyl Alcohol 99.9% USP, Ph

Cas No: 100-51-6	Einecs: 202-859-9	Flash Point: 100°C
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Minimum Assay: 99.9%
Molecular Formula: C₇H₈O
Molecular Weight: 108.14 g/mol
Boiling Point: 203-205°C
Melting Point: -15°C
Density at 25°C (g/cm³): 1.045
Refractive Index: 1.539

Code	Pack
GPS8116-C	250ml
GPS8116-D	500ml

Biuret Solution

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Contains:

Copper Sulphate: <1%
Sodium Hydroxide: <1%
Potassium Iodide: <1%
Potassium Sodium Tartrate Tetrahydrate: <1%

Code	Pack
RRSP4456-D	500ml
RRSP4456-E	1L
RRSP4456-F	2.5L

Borax Decahydrate 99.5-105% ACS

Cas No: 1303-96-4	Einecs: 215-540-4
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Minimum Assay: 99.5-105%
Molecular Formula: Na₂B₄O₇·10H₂O
Molecular Weight: 381.37 g/mol
Melting Point: 169°C
Density at 25°C (g/cm³): 1.73
pH (0.01M soln 25°C): 9.15-9.20
Sodium Oxide (Na₂O): 16.4-17.0%
Mesh Size: 2.36mm

Code	Pack
GPC8102-5X	500g
GPC8102-Y	1kg

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Boric Acid 99.9-100.9%

Cas No: 10043-35-3	Einecs: 233-139-2
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Minimum Assay: (H₃BO₃):
99.9-100.9%
Molecular Formula: H₃BO₃
Molecular Weight: 61.83 g/mol
Melting Point: 160°C
Boric Oxide (B₂O₃): 56.25-56.8%
Mesh Size (20/0.850mm): <2%
Retained

Code	Pack
GPC8041-5X	500g
GPC8041-Y	1kg

Bromobenzene 99%

Cas No: 108-86-1	Einecs: 203-623-8	UN2514	Flash Point: 51°C
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Minimum Assay: >99%
Molecular Formula: C₆H₅Br
Molecular Weight: 157.01 g/mol
Boiling Point: 156°C
Melting Point: -31°C
Density at 25°C (g/cm³): 1.491
Refractive Index: 1.559

Code	Pack
GPC7614-B	100ml

1-Bromobutane 99%

Cas No: 109-65-9	Einecs: 203-691-9	UN1126	Flash Point: 10°C
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Minimum Assay: >98%
Molecular Formula: C₄H₉Br
Molecular Weight: 137.03 g/mol
Boiling Point: 101-102°C
Melting Point: -112°C
Density at 25°C (g/cm³): 1.275
Refractive Index: 1.440

Code	Pack
GPS59497-B	100ml
GPS59497-C	250ml
GPS59497-D	500ml

2-Bromobutane 98%

Cas No: 78-76-2	Einecs: 201-140-7	UN2339	Flash Point: 21°C
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Minimum Assay: >97%
Molecular Formula: C₄H₉Br
Molecular Weight: 137.03 g/mol
Boiling Point: -112°C
Melting Point: 91-92°C
Density at 25°C (g/cm³): 1.255
Refractive Index: 1.4369

Code	Pack
GPS0786-AA	25ml
GPS0786-B	100ml
GPS0786-C	250ml

Bromocresol Green 0.04% Alcoholic Indicator

		UN1170	Flash Point: 13°C
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Contains:

Bromocresol Green: 0.04%
Denatured Ethanol: >99%

Code	Pack
RRSP6601-B	100ml
RRSP6601-D	500ml

Chemicals & Reagents

Bromocresol Green Sodium Salt

Cas No: 62625-32-5	Einecs: 263-657-4
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Minimum Assay: 95%
Molecular Formula: C₂₁H₁₈Br₂NaO₅S
Molecular Weight: 720.00 g/mol
Melting Point: 230°C
Visual Transition Interval: From pH 3.8 (Greenish yellow) - 5.2 (Blue)
Solubility 0.1% (Ag): Clear Solution

Code	Pack
RRBD117-1GM	1g
RRBD117-T	5g

Bromocresol Purple 0.04% Alcoholic Indicator

		UN1170	Flash Point: 13°C
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Contains:

Bromocresol Purple Sodium Salt: 0.04%
Denatured Ethanol: >99%

Code	Pack
RRSP7705-B	100ml
RRSP7705-D	500ml

Bromocresol Purple Free Acid

Cas No: 115-40-2	Einecs: 204-087-8
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Minimum Assay: 90%
Molecular Formula: C₂₁H₁₈Br₂O₅S
Molecular Weight: 540.22 g/mol
Melting Point: 240°C
Visual Transition Interval: From pH 5.2 (Yellow) - pH 6.8 (Purple)

Code	Pack
RRBD25693-T	5g

2-Bromo-2-methylpropane 98%

Cas No: 507-19-7	Einecs: 208-065-9	UN2342	Flash Point: 16°C
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Minimum Assay: >98%
Molecular Formula: C₄H₉Br
Molecular Weight: 137.02 g/mol
Melting Point: -20°C
Boiling Point: 74-76°C
Refractive Index: 1.4280
Density at 20°C (g/cm³): 1.22

Code	Pack
GPS135615-AA	25ml
GPS135615-B	100ml

Bromophenol Blue 0.04% Aqueous pH Indicator

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Contains:

Bromophenol Blue: 0.04%

Code	Pack
RRSP7568-B	100ml
RRSP7568-D	500ml

Bromophenol Blue 0.04% Solution 20% Alcoholic

		UN1170	
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Contains:

Bromophenol Blue: 0.04%
Denatured Ethanol: 20%

Code	Pack
RRSP7456-B	100ml
RRSP7456-D	500ml

Bromophenol Blue Indicator ACS

Cas No: 115-39-9	Einecs: 204-086-2
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Minimum Assay: 98%
Molecular Formula: C₁₉H₁₆Br₂O₅S
Molecular Weight: 669.08 g/mol
Melting Point: 270°C
Visual Transition Interval: From pH 3.0 (Yellow) - pH 4.6 (Blue)

Code	Pack
RRBD25685-T	5g

Bromothymol Blue 0.04% pH Indicator

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Contains:

Bromothymol Blue: <0.04%

Code	Pack
RRSP5423-B	100ml
RRSP5423-D	500ml

Bromothymol Blue 0.04% Solution 20% Alcoholic

		UN1170	
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Contains:

Bromothymol Blue <0.04%
Denatured Ethanol: 20%

Code	Pack
RRSP5445-B	100ml
RRSP5445-D	500ml

Bromothymol Blue Sodium Salt

Cas No: 34722-90-2	Einecs: 252-169-7
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Dye Content: >95%
Molecular Formula: C₂₇H₂₇Br₂NaO₅S
Molecular Weight: 646.36 g/mol
Melting Point: 200-202°C
Visual Transition Interval: From pH 6.0 (Yellow) - pH 7.6 (Blue)

Code	Pack
RRBD25688-T	5g

Buffer Solution (Glycine) pH 2.0

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pH: 2.0 +/- 0.1

Contains:

Glycine: <50%
Hydrochloric Acid 0.1M: <45%

Code	Pack
RRPBS22-D	500ml
RRPBS22-E	1L
RRPBS22-F	2.5L
RRPBS22-G	5L

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Chemicals & Reagents

Buffer Solution pH 3.0

pH: 3.0 +/- 0.1

Contains:

Hydrochloric Acid
Mono Potassium Phthalate

Code	Pack
RRPBS103-D	500ml
RRPBS103-E	1L
RRPBS103-F	2.5L
RRPBS103-G	5L

Buffer Solution pH 4.0

pH: 4.0 +/- 0.1

Contains:

Potassium Hydrogen Phthalate
Hydrochloric Acid

Code	Pack
RRPBS93-D	500ml
RRPBS93-E	1L
RRPBS93-F	2.5L
RRPBS93-G	5L

Buffer Solution pH 5.0

pH: 5.0 +/- 0.2%

Contains:

Sodium Hydroxide
Potassium Hydrogen Phthalate

Code	Pack
RRPBS50-D	500ml
RRPBS50-E	1L
RRPBS50-F	2.5L
RRPBS50-G	5L

Buffer Solution pH 6.0

pH: 6.0 +/- 0.1

Contains:

Sodium Hydroxide
Mono Potassium Phosphate

Code	Pack
RRPBS60-D	500ml
RRPBS60-E	1L
RRPBS60-F	2.5L
RRPBS60-G	5L

Buffer Solution pH 7.0

pH: 7.0 +/- 0.2%

Contains:

Sodium Hydroxide
Mono Potassium Phosphate

Code	Pack
RRPBS107-D	500ml
RRPBS107-E	1L
RRPBS107-F	2.5L
RRPBS107-G	5L

Buffer Solution pH 8.0

pH: 8.0 +/- 0.1

Contains:

Di Sodium Tetraborate Decahydrate
Hydrochloric Acid

Code	Pack
RRPBS80-D	500ml
RRPBS80-E	1L
RRPBS80-F	2.5L
RRPBS80-G	5L

Buffer Solution pH 9.0

Buffer Solution pH 9.0 +/- 0.1

Contains:

Hydrochloric Acid
Di Sodium Tetraborate

Code	Pack
RRPBS90-D	500ml
RRPBS90-E	1L
RRPBS90-F	2.5L
RRPBS90-G	5L

Buffer Solution pH 10

pH: 10.0 +/- 0.2%

Contains:

Sodium Hydroxide
di Sodium Tetraborate

Code	Pack
RRPBS92-D	500ml
RRPBS92-E	1L
RRPBS92-F	2.5L
RRPBS92-G	5L

Buffer Tablets pH 4.2 to make 100ml

Dissolve 1 tablet in 100ml distilled water

pH: 4.2 +/- 0.02

Code	Pack
AE23-001	50 pack

Chemicals & Reagents

Buffer Tablets pH 7.0 to make 100ml

Dissolve 1 tablet in 100ml distilled water

pH: 7.0 +/- 0.02

Code	Pack
AE26-001	50 pack

Buffer Tablets pH 7.0 to make 1L

Dissolve 1 tablet in 1L distilled water

pH: 7.0 +/- 0.02

Code	Pack
AE33-001	50 pack

Buffer Tablets pH 9.2 to make 100ml

Dissolve 1 tablet in 1L distilled water

pH: 7.0 +/- 0.02

Code	Pack
AE35-001	50 pack

Butan-1-ol 99.4% ACS

Cas No: 71-36-3 EINECS: 200-715-6 UN1120 Flash Point: 35°C



Minimum Assay: 99.4%
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol
Boiling Point: 116°C
Melting Point: -90°C
Density at 25°C (g/cm³): 0.81
Refractive Index: 1.399

Code	Pack
GPS9004-D	500ml
GPS9004-F	2.5L

Butan-2-ol 99.5% ACS

Cas No: 78-92-2 EINECS: 201-158-5 UN1120 Flash Point: 23°C



Minimum Assay: >99.5%
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol
Boiling Point: 98°C
Melting Point: -115°C
Density at 25°C (g/cm³): 0.808
Refractive Index: 1.397

Code	Pack
GPS9005-D	500ml
GPS9005-E	1L
GPS9005-F	2.5L

Butanoic Acid 99% Food Grade

Cas No: 107-92-6 EINECS: 203-532-3 UN2820 Flash Point: 69°C



Minimum Assay: >99%
Molecular Formula: C₄H₈O₂
Molecular Weight: 88.11 g/mol
Melting Point: -8°C
Boiling Point: 162-164°C
Density at 25°C (g/cm³): 0.964
Refractive Index: 1.3980
Source: Synthetic

Code	Pack
GPC5121-B	100ml
GPC5121-C	250ml

Butyl Acetate 99%

Cas No: 123-86-4 EINECS: 204-658-1 UN1123 Flash Point: 22°C



Minimum Assay: >99%
Molecular Formula: C₈H₁₆O₂
Molecular Weight: 116.16 g/mol
Boiling Point: 124-126°C
Melting Point: -78°C
Density at 25°C (g/cm³): 0.88
Refractive Index: 1.394

Code	Pack
GPS9456-D	500ml

Butylamine 99.5%

Cas No: 109-73-9 EINECS: 203-699-2 UN1125 Flash Point: -7°C



Minimum Assay: 99.5%
Molecular Formula: CH₃(CH₂)₃NH₂
Molecular Weight: 73.14 g/mol
Boiling Point: 78°C
Melting Point: -49°C
Density at 25°C (g/cm³): 0.74
Refractive Index: 1.401

Code	Pack
GPC471305-B	100ml
GPC471305-C	250ml

Caffeine Anhydrous 98.5- 101.0% BP, USP, EP6

Cas No: 58-08-2 EINECS: 200-362-1



Minimum Assay: 98.5-101.0%
EP/USP
Molecular Formula: C₈H₁₀N₄O₂
Molecular Weight: 194.19 g/mol
Melting Point: 234.0 - 239.0°C

Code	Pack
GPC5533-W	25g
GPC5533-X	100g

Calcium Acetate 99%

Cas No: 62-54-4 EINECS: 200-540-9



Minimum Assay: >99%
Molecular Formula: (CH₃CO₂)₂Ca
Molecular Weight: 158.17 g/mol

Code	Pack
GPC6254-2X	250g

Calcium Carbide

Cas No: 75-20-7 EINECS: 200-848-3 UN1402



Molecular Formula: CaC₂
Molecular Weight: 64.09 g/mol
Thickness: <10mm
Melting Point: 2300°C
Density at 25°C (g/cm³): 2.22

Code	Pack
GPC9989-X	100g
GPC9989-5X	500g
GPC9989-Y	1kg

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Chemicals & Reagents

Calcium Carbonate 96.8%

Cas No: 471-34-1	Einecs: 207-439-9		
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Minimum Assay: >96.8%
Molecular Formula: CaCO₃
Molecular Weight: 100.9 g/mol
Melting Point: 800°C
Density at 25°C (g/cm³): 2.93
Refractive Index: 1.6583
HCl Insoluble content: <2.3%

Code	Pack
GPC4466-5X	500g
GPC4466-Y	1Kg
GPC4466-3Y	3kg

Calcium Chloride 77.5%

Cas No: 10043-52-4	Einecs: 233-140-8		
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Minimum Assay: 77.5%
Molecular Formula: CaCl₂
Molecular Weight: 110.98 g/mol
Melting Point: 772°C
Boiling Point: 1670°C
Density at 20°C (g/cm³): 2.15
pH (10% soln 20°C): 8-10

Code	Pack
GPC8040-5X	500g
GPC8040-2Y	2kg

Calcium Chloride Hexahydrate 98%

Cas No: 7774-34-7			
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Minimum Assay: >98%
Molecular Formula: CaCl₂·6H₂O
Molecular Weight: 219.08 g/mol
Melting Point: 30°C
Density at 25°C (g/cm³): 1.71
Appearance: White

Code	Pack
GPC442909-5X	500g

Calcium Hydroxide 98%

Cas No: 1305-62-0	Einecs: 215-137-3		
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Minimum Assay: >97.98%
Molecular Formula: Ca(OH)₂
Molecular Weight: 74.09 g/mol
Melting Point: 550°C
Density at 25°C (g/cm³): 2.24
pH (saturated soln 20°C): 12.6

Code	Pack
GPC9302-Y	1kg

Calcium Hypochlorite 65%

Cas No: 7778-54-3	Einecs: 231-908-7	UN1748	
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Minimum Assay: >65%
Molecular Formula: Ca(OCl)₂
Molecular Weight: 142.98 g/mol
Melting Point: 100°C
Density at 25°C (g/cm³): 2.35

Code	Pack
GPC99989-5X	500g

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Calcium Nitrate Tetrahydrate 99-102.0% ACS

Cas No: 13477-34-4	Einecs: 233-332-1		
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Minimum Assay: 99.0-102.0%
Molecular Formula: Ca(NO₃)₂·4H₂O
Molecular Weight: 236.15 g/mol
Boiling Point: 132°C
Melting Point: 44°C
Density at 20°C (g/cm³): 1.82



Code	Pack
GPC8647-5X	500g

Calcium Oxide 96% High Reactivity Fine

Cas No: 1305-78-8	Einecs: 215-138-9	UN1910	
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Minimum Assay: >96.1%
Molecular Formula: CaO
Molecular Weight: 56.08 g/mol
Melting Point: 2850°C
Density at 25°C (g/cm³): 3.3
Loss on ignition: <1.10%
BS6463 Reactivity (2 min): 65.0°C
BS6463 Reactivity (5 min): 67.0°C



Code	Pack
GPC5487-5X	500g
GPC5487-Y	1kg

Calcium Oxide 96.1% High Reactivity Lump

Cas No: 1305-78-8	Einecs: 215-138-9	UN1910	
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Minimum Assay: >96.1%
Molecular Formula: CaO
Molecular Weight: 56.08 g/mol
Melting Point: 2850°C
Density at 25°C (g/cm³): 3.3
Loss on ignition: <1.10%
BS6463 Reactivity (2 min): 65.0°C
BS6463 Reactivity (5 min): 67.0°C



Code	Pack
GPC8867-Y	1kg

Calcium Sulphate di-Hydrate 99% (E516 FG)

Cas No: 10101-41-4	Einecs: 231-900-3		
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Minimum Assay: >99%
Molecular Formula: CaSO₄·2H₂O
Molecular Weight: 172.17 g/mol
Melting Point: 1450°C
Density at 20°C (g/cm³): 2.32
pH (5% soln 20°C): 7.0
Solubility in Water: 2.1g/L

Code	Pack
GPC3635-5X	500g

Calcium Sulphate Hemihydrate 96%

Cas No: 7778-18-9	Einecs: 231-900-3		
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Minimum Assay: <96%
Molecular Formula: CaO·S
Molecular Weight: 136.14 g/mol
Melting Point: 1450°C
Density at 20°C (g/cm³): 2.96
Solubility in water: 0.24g in 100g water
Loss on ignition: <2.85%

Code	Pack
GPC1024-3Y	3kg
GPC1024-5Y	5kg
GPC1024-10Y	10kg

Calcium Tetrahydrogen Di-Orthophosphate Monohydrate

Cas No: 10031-30-8	Einecs: 231-837-1		
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Minimum Assay: >99%
Molecular Formula: CaH₄O₁₀P₂·H₂O
Molecular Weight: 252.07 g/mol
Melting Point: >450°C

Code	Pack
GPC6688-5X	500g

Chemicals & Reagents

Camphor Synthetic 95%

Cas No: 76-22-2	Einecs: 200-945-0	UN2717	Flash Point: 64°C
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Minimum Assay: 95%
Molecular Formula: C₁₀H₁₆O
Molecular Weight: 152.23 g/mol
Boiling Point: 204°C
Melting Point: 170-180°C
Density at 25°C (g/cm³): 0.992

Code	Pack
GPC6486-X	100g

Carbol Fuchsin (Gram)

			Flash Point: 24°C
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Contains:

Denatured Ethanol: <10%
Basic Fuchsin

Code	Pack
RRSP16-B	100ml

Carbol Fuchsin (ZN)

		UN2924	Flash Point: 58°C
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Contains:

Denatured Ethanol: <15%
Phenol: <5%

Code	Pack
RRSP17-B	100ml

Carbon Disulfide 99.9% ACS

Cas No: 75-15-0	Einecs: 200-843-6	UN1131	Flash Point: -30°C
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Minimum Assay: 99.9%
Molecular Formula: CS₂
Molecular Weight: 76.14 g/mol
Boiling Point: 46°C
Melting Point: -112°C
Density at 25°C (g/cm³): 1.266
Refractive Index: 1.627

Code	Pack
GPC7890-C	250ml
GPC7890-D	500ml

Carmine Acetic

		UN2790	
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Contains:

Carmine: <1%
Acetic Acid: <45%

Code	Pack
RRSP786-B	100ml

Castor Oil BP

Cas No: 8001-79-4	Einecs: 232-293-8		Flash Point: >113°C
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Refractive Index: 1.477-1.481
Boiling Point: 313°C
Unsaponifiable Matter: <0.8%
Peroxide Value: <5.0
Saponification Value: 176 - 187
Specific Optical Rotation: +3.5 - 6.0°
Acid Value: <2.0
Iodine Value: 82 - 90
Hydroxyl Value: 150ml KOH/g
Absorption (Light): <1.0
Solubility: Soluble in Chloroform, slightly soluble in light petroleum
Miscibility: Miscible with Ethanol/Acetic Acid

Code	Pack
GPS1285-D	500ml
GPS1285-2E	2L

Catechol 99%

Cas No: 120-80-9	Einecs: 204-427-5	UN2811	Flash Point: 127°C
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Minimum Assay: >99.9%
Molecular Formula: C₆H₆O₂
Molecular Weight: 110.11 g/mol
Melting Point: 104-107°C
Boiling Point: 245-246°C
Chroma: 266 Max

Code	Pack
GPC8895-X	100g

Cerium (IV) Sulphate 99.95%

Cas No: 13590-82-4	Einecs: 237-029-5		
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Minimum Assay: >99.95%
Molecular Formula: Ce(SO₄)₂
Molecular Weight: 332.24 g/mol
Density at 25°C (g/cm³): 3.01
Appearance: Yellow Powder

Code	Pack
GPC00512-W	25g

Charcoal Activated Granular

Cas No: 7440-44-0	Einecs: 231-153-3		
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Molecular Formula: C
Molecular Weight: 12.01 g/mol
Melting Point: 3550°C
Resistivity: 1375 μΩ-cm
Solubility in water (% weight): <0.35%

Code	Pack
GPC8059-5X	500g

Charcoal Activated Powder DCL320

Cas No: 7440-44-0	Einecs: 231-153-3		
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Wood Based High Activity
Molecular Weight: 12.01 g/mol
Molasses Decolour: >500 (TM3)
Moisture as packed: Particle Size: 60-86 (Total Surface Density (N2 BET Method): <1000m²/g)
Methylene Blue: Ash: <4% w/w
Water Extractables: <0.5%

Code	Pack
DCL320-5X	500g
DCL320-Y	1kg

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Chemicals & Reagents

Chlor Zinc Iodine (Schultze Solution)

UN1840



Contains:

Zinc Chloride: <2%
Iodine: <1%
Potassium Iodide: <1%

Code	Pack
GPC7458-B	100ml
GPC7458-C	250ml

Chloral Hydrate 100.8% ACS,USP,Ph.Eur

Cas No: 302-17-0 EINECS: 206-117-5 UN2811



Minimum Assay: <100.8%
Molecular Formula: C₂H₃Cl₃O₂
Molecular Weight: 165.4 g/mol
Boiling Point: 97°C
Melting Point: 51.6°C
pH (10% soln 20°C): 3.5-5.5

Code	Pack
GPC8003-5X	500g

Chlorobenzene 99%

Cas No: 108-90-7 EINECS: 203-628-5 UN1134 Flash Point: 27°C



Minimum Assay: 99%
Molecular Formula: C₆H₅Cl
Molecular Weight: 112.56 g/mol
Boiling Point: 132°C
Melting Point: -45°C
Density at 25°C (g/cm³): 1.106

Code	Pack
GPS1550-B	100ml
GPS1550-C	250ml

1-Chlorobutane 99%

Cas No: 109-69-3 EINECS: 203-696-6 UN1127 Flash Point: -12°C



Minimum Assay: >99%
Molecular Formula: C₄H₉Cl
Molecular Weight: 92.57 g/mol
Boiling Point: 77-78°C
Melting Point: -123°C
Density at 25°C (g/cm³): 0.886
Refractive Index: 1.4024
Residue on Evaporation: <50 ppm

Code	Pack
GPS1328-A	50ml
GPS1328-B	100ml
GPS1328-C	250ml

2-Chlorobutane 98%

Cas No: 78-86-4 EINECS: 201-151-7 UN1127 Flash Point: -12°C



Minimum Assay: >99%
Molecular Formula: C₄H₉Cl
Molecular Weight: 92.57 g/mol
Boiling Point: 67-69°C
Melting Point: -140°C
Density at 25°C (g/cm³): 0.873
Refractive Index: 1.3970

Code	Pack
GPS1331-B	100ml

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2-Chloro-2-methylpropane 99%

Cas No: 507-20-0 EINECS: 208-066-4 UN1127 Flash Point: -23°C



Minimum Assay: 99%
Molecular Formula: (CH₃)₃CCl
Molecular Weight: 92.57 g/mol
Boiling Point: 52°C
Melting Point: -28°C
Density at 25°C (g/cm³): 0.851

Code	Pack
GPS1350-B	100ml

Chloroform 99.95% ACS

Cas No: 67-66-3 EINECS: 200-663-8 UN1888



Minimum Assay: 99.95%
Molecular Formula: CHCl₃
Molecular Weight: 119.38 g/mol
Boiling Point: 61.2°C
Melting Point: -63°C
Density at 20°C (g/cm³): 1.48
Refractive Index: 1.445
Water: <50 mg/kg
Residue on evaporation: <10 mg/kg
Acidity (as HCl): <5 mg/kg

Code	Pack
GPS9009-D	500ml
GPS9009-F	2.5L

Chromic Acid 99%

Cas No: 1333-82-0 EINECS: 215-607-8 UN1463



Minimum Assay: 99%
Molecular Formula: H₂CrO₄
Molecular Weight: 118.01 g/mol
Melting Point: 197°C
Boiling Point: 330°C

Code	Pack
GPC8039-2X	250g

Chromium (III) Nitrate Nonahydrate 98.5%

Cas No: 7789-02-8 EINECS: 236-921-1 UN2720



Minimum Assay: >98.5%
Molecular Formula: Cr(NO₃)₃·9H₂O
Molecular Weight: 400.15 g/mol
Melting Point: 60°C
Density (g/cm³): 1.80

Code	Pack
GPC2480-X	100g
GPC2480-2X	250g

Chromium (III) Potassium Sulphate 99.0-102.0%

Cas No: 7788-99-0 EINECS: 233-401-6



Assay (iodometric): 99.0-102.0%
Molecular Formula: CrK(SO₄)₂·12H₂O
Molecular Weight: 499.41 g/mol
Melting Point: 89°C
Density at 20°C (g/cm³): 1.83
pH (5% soln 20°C): 3

Code	Pack
GPC1469-X	100g
GPC1469-5X	500g

Chemicals & Reagents

Cinnamic Acid 99%

Cas No: 140-10-3 EINECS: 205-398-1



Minimum Assay: <99%
Molecular Formula: C₉H₈O₂
Molecular Weight: 148.16 g/mol
Boiling Point: 300°C
Melting Point: 132-135°C
Density at 4°C (g/cm³): 1.248
Solubility in Water (% weight): 0.4 g/L in water (20°C)

Code	Pack
GPC6075-X	100g

Citric Acid Anhydrous 99.5-100.5% Crystals BP,USP, FCC

Cas No: 77-92-9 EINECS: 201-069-1 Flash Point: 173°C



Minimum Assay: 99.5-100.5%
Molecular Formula: C₆H₈O₇
Molecular Weight: 192.14 g/mol
Boiling Point: 175°C
Melting Point: 153-159°C
Density at 18°C (g/cm³): 1.665

Code	Pack
GPC8017-5X	500g
GPC8017-Y	1kg
GPC8017-3Y	3kg

Citric Acid Monohydrate 99.7% ACS,USP,Ph.Eur

Cas No: 5949-29-1 EINECS: 201-069-1 Flash Point: 173°C



Minimum Assay: 99.7-100.3%
Molecular Formula: C₆H₈O₇·H₂O
Molecular Weight: 210.14 g/mol
Melting Point: 135-152°C
Density at 20°C (g/cm³): 1.54
Water: 7.5-8.8%

Code	Pack
GPC8016-5X	500g
GPC8016-Y	1kg
GPC8016-3Y	3kg

Cobalt (II) Chloride Hexahydrate 97%

Cas No: 7791-13-1 EINECS: 231-589-4 UN3077



Passes the requirements of E170
Minimum Assay as Co: 23.5-25.0% w/w (Complexometric)
Molecular Formula: CoCl₂·6H₂O
Molecular Weight: 237.93 g/mol
Melting Point: 56°C
Density at 25°C (g/cm³): 1.92

Code	Pack
GPC6286-X	100g
GPC6286-2X	250g
GPC6286-5X	500g

Cobalt (II) Nitrate Hexahydrate 98%

Cas No: 10026-22-9 EINECS: 233-402-1 UN1477



Minimum Assay (as Co): 20.0-20.5% (Complexometric)
Molecular Formula: Co(NO₃)₂·6H₂O
Molecular Weight: 291.04 g/mol
Melting Point: 55°C

Code	Pack
GPC1668-X	100g

Cobalt Powder 99.8% Trace Metals Basis

Cas No: 7440-48-4 EINECS: 231-158-0 UN3089



Minimum Assay: 99.8% trace metals basis
Molecular Formula: Co
Molecular Weight: 58.9 g/mol
Melting Point: 1495°C
Boiling Point: 2900°C
Density at 25°C (g/cm³): 8.9
Resistivity: 6.24 μΩ-cm
Particle Size: 2μm

Code	Pack
GPC1700-W	25g

Congo Red C.I. 22120

Cas No: 573-58-0 EINECS: 209-358-4



Molecular Formula: C₂₂H₁₂N₆S₂Na₂
Molecular Weight: 696.66 g/mol
Melting Point: 360°C
Absorptivity (at λ_{max}): 585nm
Loss on drying: <2.5%
Transition Range (3.5-5): Blue-red

Code	Pack
RRBD75-T	5g
RRBD75-U	10g

Copper (I) Chloride 97%

Cas No: 7758-89-6 EINECS: 231-842-9 UN2802



Minimum Assay: >97%
Assay as Cu (Complexometric): <63.0%
Molecular Formula: CuCl
Molecular Weight: 99.00 g/mol
Boiling Point: 1490°C
Melting Point: 430°C
Density at 25°C (g/cm³): 4.14
Refractive Index: 1.93

Code	Pack
GPC3333-X	100g

Copper (I) Oxide 97%

Cas No: 1317-39-1 EINECS: 215-270-7 UN3077



Minimum Assay: >97.0%
Molecular Formula: Cu₂O
Molecular Weight: 143.09 g/mol
Melting Point: 1235°C
Boiling Point: 1800°C
Density at 25°C (g/cm³): 6

Code	Pack
GPC9909-X	100g
GPC9909-2X	250g
GPC9909-5X	500g

Copper (II) Acetate Monohydrate 99% ACS

Cas No: 6046-93-1 EINECS: 205-553-3 UN1759



Minimum Assay: 99%
Molecular Formula: Cu(CO₂CH₃)₂·H₂O
Molecular Weight: 199.65 g/mol
Melting Point: 115°C
Density at 25°C (g/cm³): 1.88
pH (2% soln 20°C): 5.2-5.5

Code	Pack
GPC9926-2X	250g


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Chemicals & Reagents

Copper (II) Carbonate dihydroxide, Cu 55% min

Cas No: 12069-69-1	Einecs: 235-113-6	UN3077
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Code	Pack
GPC3070-2X	250g
GPC3070-5X	500g
GPC3070-Y	1kg
GPC3070-3Y	3kg

 Minimum Assay: >95%
Molecular Formula: $\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2$
Molecular Weight: 221.10 g/mol
Melting Point: 200°C
Density at 25°C (g/cm³): 4.00
Copper (Cu): 53-55%

Copper (II) Chloride Dihydrate 97%

Cas No: 10125-13-0	Einecs: 231-210-2	UN2802
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Code	Pack
GPC7103-2X	250g
GPC7103-5X	500g

  Minimum Assay: >97%
Molecular Formula: $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 170.48 g/mol
Melting Point: 100°C
Density at 20°C (g/cm³): 2.53
pH (5% soln 20°C): 3.0-3.8
Assay as Cu (Complexometric): >36.2%

Copper (II) Nitrate Trihydrate 99.5% ACS

Cas No: 10031-43-3	Einecs: 221-838-5	UN1477
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Code	Pack
GPC5645-2X	250g
GPC5645-5X	500g

  Minimum Assay: >99%
Molecular Formula: $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
Molecular Weight: 241.60 g/mol
Melting Point: 114°C
Density at 20°C (g/cm³): 2.02
pH (5% soln 20°C): 3-4

Copper (II) Oxide Black 99%

Cas No: 1317-38-0	Einecs: 215-269-1	UN3077
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Code	Pack
GPC9341-2X	250g
GPC9341-5X	500g

 Minimum Assay: >99%
Molecular Formula: CuO
Molecular Weight: 79.55 g/mol
Melting Point: 1326°C
Density at 25°C (g/cm³): 6.48
pH (5% soln 20°C): 7
Assay as Cu (complexometric): >77.0%

Copper (II) Sulphate 0.5M Solution

		UN3082
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Code	Pack
VM6202-E	1L

  **Contains:**
Copper (II) Sulphate
Pentahydrate: 0.5M +/- 2%

Copper (II) Sulphate Anhydrous 98%

Cas No: 7758-98-7	Einecs: 231-847-6	UN3077
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Code	Pack
GPC7101-2X	250g
GPC7101-5X	500g

  Minimum Assay: >98.0%
Molecular Formula: CuO
Molecular Weight: 159.60 g/mol
Melting Point: 200°C
Density at 20°C (g/cm³): 3.60
pH (5% soln 20°C): 3.5-4.5

Copper (II) Sulphate Pentahydrate 98%

Cas No: 7758-99-8	Einecs: 231-847-6	UN3077
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Code	Pack
GPC7100-5X	500g
GPC7100-Y	1kg
GPC7100-3Y	3kg
GPC7100-5Y	5kg

  Minimum Assay: <98%
Molecular Formula: $\text{CuO} \cdot 5\text{H}_2\text{O}$
Molecular Weight: 249.68 g/mol
Melting Point: 110°C
Density at 20°C (g/cm³): 2.284
pH (5% at 25°C): 3.7-4.5
Solubility in water (% weight): 31.6%

Copper Metal Foil 99.58% 0.1mm

Cas No: 7740-50-8	Einecs: 231-159-6	UN3077
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Code	Pack
GPC5133-2X	250g
GPC5133-5X	500g

Minimum Assay: 99.58%
Molecular Formula: Cu
Molecular Weight: 63.55 g/mol
Form: Reddish foil
Boiling Point: 2567°C
Melting Point: 1083.4°C
Resistivity: 1.673 $\mu\Omega$ -cm
Thickness: 0.1mm

Copper Powder Fine

Cas No: 7440-50-8	Einecs: 231-159-6	UN3089
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Code	Pack
GPC5155-2W	50g
GPC5155-X	100g
GPC5155-2X	250g

  Minimum Assay: 99%
Molecular Formula: Cu
Molecular Weight: 63.55 g/mol
Boiling Point: 2567°C
Melting Point: 1083.4°C
Resistivity: 1.673 $\mu\Omega$ -cm
Density at 25°C (g/cm³): 8.94

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Chemicals & Reagents

Cresol Red 0.02% Indicator Solution

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Code	Pack
RRSP4465-B	100ml
RRSP4465-D	500ml

Contains:
Sodium Hydroxide 0.001M Solution: <10%
Cresol Red Sodium Salt: <1%

Cresol Red Sodium Salt

Cas No: 62625-29-0	Einecs: 263-654-8
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Code	Pack
RRBD25681-T	5g

Dye Content: >95%
Molecular Formula: $\text{C}_{21}\text{H}_{17}\text{NaO}_5$
Molecular Weight: 404.41 g/mol
Melting Point: >300°C

Crystal Violet 0.5% Aqueous

		UN3082
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Code	Pack
RRSP23-B	100ml
RRSP23-D	500ml

Contains:
Denatured Ethanol: <10%
Crystal Violet Powder: <1%

Crystal Violet 1% Alcoholic

		UN1170
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Code	Pack
RRSP240-B	100ml

  **Contains:**
Denatured Ethanol: >99%
Crystal Violet: <1%

Crystal Violet 2% Alcoholic

		UN1170
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Code	Pack
RRSP204-B	100ml

  **Contains:**
Denatured Ethanol: >99%
Crystal Violet: <2%

Crystal Violet BP80 C.I. 42555

Cas No: 548-62-9	Einecs: 208-953-6	UN3077
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Code	Pack
RRBD36-T	5g
RRBD36-W	25g

  Dye Content: >97.6%
Molecular Formula: $\text{C}_{25}\text{H}_{30}\text{ClN}_3$
Molecular Weight: 407.99 g/mol
Melting Point: 205°C

Cyclohexane 99.9% ACS

Cas No: 110-82-7	Einecs: 203-806-2	UN1145	Flash Point: -18°C
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Code	Pack
GPS9010-C	250ml
GPS9010-D	500ml
GPS9010-E	1L
GPS9010-F	2.5L

  Minimum Assay: 99.9%
Molecular Formula: C_6H_{12}
Molecular Weight: 84.16 g/mol
Boiling Point: 80.7°C
Melting Point: 6.5°C
Density at 25°C (g/cm³): 0.779
Refractive Index: 1.426

Cyclohexanol 98%

Cas No: 108-93-0	Einecs: 203-630-6		Flash Point: 68°C
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Code	Pack
GPS1575-C	250ml
GPS1575-D	500ml

 Minimum Assay: >98%
Molecular Formula: $\text{C}_6\text{H}_{12}\text{O}$
Molecular Weight: 100.16 g/mol
Boiling Point: 160-161°C
Melting Point: 23-24°C
Density at 25°C (g/cm³): 0.951
Refractive Index: 1.4650

Cyclohexanone 99.8% ACS

Cas No: 108-94-1	Einecs: 208-631-1	UN1915	Flash Point: 43°C
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Code	Pack
GPS7861-D	500ml

  Minimum Assay: >99.8%
Molecular Formula: $\text{C}_6\text{H}_{10}\text{O}$
Molecular Weight: 98.15 g/mol
Boiling Point: 153-161°C
Melting Point: -47°C
Density at 25°C (g/cm³): 0.947
Refractive Index: 1.450

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Chemicals & Reagents

Cyclohexene 99%

Cas No: 110-83-8	Einecs: 203-807-8	UN2256	Flash Point: -12°C
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Minimum Assay: >99%
Molecular Formula: C₆H₁₀
Molecular Weight: 82.13 g/mol
Boiling Point: 83-85°C
Melting Point: -104°C
Density at 25°C (g/cm³): 0.811
Refractive Index: 1.446



Code	Pack
GPC5343-C	250ml

Deionised Water ACS

Cas No: 7732-18-5	Einecs: 231-791-2		
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Molecular Formula: H₂O
Molecular Weight: 18.02 g/mol
Boiling Point: 100°C
Melting Point: 0°C
Density at 3.98°C (g/cm³): 1.00
Refractive Index: 1.34

Code	Pack
GPC9500-F	2.5L
GPC9500-G	5L
GPC9500-K	25L

Dextrin from Starch Potato (Yellow)

Cas No: 9004-53-9	Einecs: 232-675-4		
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Solubility (Colour): Light Yellow - Very Dark Yellow
Solubility (Turbidity): Clear to very Hazy
Solubility: 1g in 10ml Water (at 20°C), 1 Hour

Code	Pack
GPC7867-2X	250g

Dextrose Anhydrous 99.5%

Cas No: 50-99-7	Einecs: 200-075-1		
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Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16 g/mol
Melting Point: 150-152°C
Optical Rotation: +52.5° to +53.2°
pH (10% water): 5.7 - 7.0
Foreign sugars, soluble starch, dextrin: Passes test

Code	Pack
GPC3169-2X	250g
GPC3169-5X	500g
GPC3169-Y	1kg

Di Ammonium Hydrogen Phosphate 95%

Cas No: 7783-28-0	Einecs: 231-987-8		
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Minimum Assay: >95%
Molecular Formula: (NH₄)₂HPO₄
Molecular Weight: 136.02 g/mol
Melting Point: 155°C
Density at 20°C (g/cm³): 1.619
pH (5% soln 25°C): 7.7-8.1
P₂O₅: >53%

Code	Pack
GPC6700-5X	500g

Di Potassium Hydrogen Phosphate 98% ACS,FG

Cas No: 7758-11-4	Einecs: 231-834-5		
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Minimum Assay: >98%
Molecular Formula: K₂HPO₄
Molecular Weight: 174.18 g/mol
Melting Point: 340°C
Density at 20°C (g/cm³): 2.30
pH (5% soln 25°C): 8.7-9.3

Code	Pack
GPC8094-2X	250g
GPC8094-5X	500g

1,6 Diamino Hexane 5% Solution in H₂O

		UN3267	
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Contains:
1,6 Diamino Hexane: 5%
Distilled Water

Code	Pack
RRSP3636-C	250ml

Diaminohexane 98%

Cas No: 124-09-4	Einecs: 204-679-6	UN2280	Flash Point: 85°C
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Minimum Assay: >98%
Molecular Formula: C₆H₁₆N₂
Molecular Weight: 116.21 g/mol
Boiling Point: 199-204°C
Melting Point: 39-43°C
Density at 60°C (g/cm³): 0.83
pH (10% soln 25°C): 12.4
Refractive Index: 1.439
Sensitivity: Air Sensitive & Hygroscopic

Code	Pack
GPC6392-W	25g



Diastase

Cas No: 9001-19-8	Einecs: 232-588-1		
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Activity: 30,000 amylase u/g
Biological Source: *Aspergillus oryzae*
Form: Off-white powder
Optimum pH Range: 4.5 - 6.0
Optimum Temperature Range: 50 - 55°C

Code	Pack
A01788-X	100g

2,6-Dichloroindophenol Sodium Salt Hydrate

Cas No: 1266615-56-8	Einecs: 210-640-4		
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Molecular Formula: C₁₂H₆Cl₂NNaO₂·xH₂O
Molecular Weight: 290.08 g/mol (anhydrous)
Melting Point: >300°C
Solubility: Soluble in water

Code	Pack
RRBD25934-1GM	1g
RRBD25934-T	5g
RRBD25934-W	25g

2,6-Dichlorophenolindophenol Sodium Salt Tablets for Determination of Vitamin C

An accurate determination of the Vitamin C content of urine in cases of suspected deficiency, or following the administration of a test dose, can be made within a few minutes by the use of compressed tablets, each containing an accurately standardized quantity of 2,6-dichloro-phenolindophenol.

Code	Pack
AE50-003	20 pack
AE50-001	50 pack

Chemicals & Reagents

Dichloromethane 99.9% ACS

Cas No: 75-09-2	Einecs: 200-838-9	UN1593	
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Minimum Assay: >99.9%
Molecular Formula: CH₂Cl₂
Molecular Weight: 84.93 g/mol
Boiling Point: 40°C
Melting Point: -95°C
Density at 25°C (g/cm³): 1.325
Refractive Index: 1.424
Stabiliser: Amylene 40-60ppm



Code	Pack
GPS9007-D	500ml
GPS9007-F	2.5L

Diethyl Ether 99.5% Anhydrous ACS,EP (GW)

Cas No: 60-29-7	Einecs: 200-467-2	UN1155	Flash Point: -40°C
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Minimum Assay: >99.5%
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol
Boiling Point: 34.6°C
Melting Point: -116.3°C
Density at 25°C (g/cm³): 0.71
Refractive Index: 1.353
Stabilised with BHT



Code	Pack
GWN9008-D	500ml
GWN9008-F	2.5L

Diethylamine 99.9%

Cas No: 109-89-7	Einecs: 203-716-3	UN1154	Flash Point: -23°C
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Minimum Assay: >99.9%
Molecular Formula: (C₂H₅)₂NH
Molecular Weight: 73.14 g/mol
Boiling Point: 56°C
Melting Point: -50°C
Density at 20°C (g/cm³): 0.71
pH (10% soln 20°C): 13
Refractive Index: 1.385
Water (Karl Fisher): <0.10%
Identity (IR): <0.10%



Code	Pack
GPC9804-D	500ml

Di-Lauroyl Peroxide 97%

Cas No: 105-74-8	Einecs: 203-326-3	UN3106	
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Minimum Assay: >97%
Molecular Formula: [C₁₇(CH₂)₁₆CO₂]₂O₂
Molecular Weight: 398.62 g/mol
Melting Point: 49°C
Density at 20°C (g/cm³): 0.91

Code	Pack
GPC7412-U	10g
GPC7412-W	25g

3,5-Dinitrobenzoic acid 99%

Cas No: 99-34-3	Einecs: 202-751-1		
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Minimum Assay: 99%
Molecular Formula: C₇H₄N₂O₆
Molecular Weight: 212.12 g/mol
Melting Point: 204-208°C

Code	Pack
GPC4800-2X	250g

Diphenylamine 98%

Cas No: 122-39-4	Einecs: 204-539-4	UN3077	Flash Point: 153°C
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Minimum Assay: 98%
Molecular Formula: C₁₂H₁₁N
Molecular Weight: 169.23 g/mol
Boiling Point: 302°C
Melting Point: 52-55°C
Density at 20°C (g/cm³): 1.16



Code	Pack
GPC5825-X	100g

Di-Potassium Disulphite

Cas No: 16731-55-8	Einecs: 240-795-3		
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Molecular Formula: K₂O₂S₂
Molecular Weight: 222.33 g/mol
Melting Point: 190°C
Density at 20°C (g/cm³): 1.2
pH (2% soln 25°C): 3.0-4.5

Code	Pack
GPC1028-5X	500g

Di-Sodium Hydrogen Phosphate Anhydrous 98.5% ACS

Cas No: 7558-79-4	Einecs: 231-448-7		
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C521 US Food Codex

Minimum Assay: >98.5%
Molecular Formula: Na₂HPO₄
Molecular Weight: 141.96 g/mol
Density at 25°C (g/cm³): 1.520
pH (5% soln 25°C): 8.9 - 9.2
PO₄ Content: 49.7%
Appearance Form: White Crystalline powder

Code	Pack
GPC8034-5X	500g
GPC8034-Y	1kg

Distilled Water

Cas No: 7732-18-5	Einecs: 231-791-2		
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Molecular Formula: H₂O
Molecular Weight: 18.02 g/mol
Boiling Point: 100°C
Melting Point: 0°C
Density at 3.98°C (g/cm³): 1.00
Refractive Index: 1.34
Resistivity: >10 MΩ-cm

Code	Pack
GPC9023-E	1L
GPC9023-G	5L
GPC9023-K	25L

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Chemicals & Reagents

DPX Mountant Standard Viscosity

Cas No: UN1993 Flash Point: 29°C



Contains:

Xylene: <60%
di-Butyl Phthalate: <10%
Styrene: <20%

Code	Pack
RRSP29-B	100ml

Dutch Metal Leaf 140mm x 140mm

One book contains 25 Dutch metal leaves.
Each leaf is 140mm x 140mm.

Code	Pack
GPC8462-1	25 Book

EDTA Disodium Salt dihydrate 99% USP

Cas No: 6381-92-6 EINECS: 205-358-3 Flash Point: >100°C



Minimum Assay: >99.99.5%
Molecular Formula: $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$
Molecular Weight: 372.24 g/mol
Melting Point: 252°C
pH (5% soln 25°C): 4.0 - 6.0
Loss on Drying: 8.7- 11.4%

Code	Pack
GPC8018-X	100g
GPC8018-2X	250g
GPC8018-5X	500g
GPC8018-Y	1kg

Egg Albumen 80%

Cas No: 9006-59-1 EINECS: 232-692-7

Only for use in Educational Applications
pH (10% in water): 7-8
Moisture: <7.9%
Protein (Nx6.681): >80%
Total plate count: <500/g
Coliform: <10/g
Yeast & mold count: <10/g
Salmonellae: absent in 25g

Code	Pack
GPC5103-2W	50g
GPC5103-X	100g
GPC5103-2X	250g

Eosin Y 5% Aqueous

Cas No: 17372-87-1

Contains:

Eosin Y: <5%

Code	Pack
RRSP3505-B	100ml

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Eosin Y C.I. 45380

Cas No: 17372-87-1 EINECS: 241-409-6



Dye Content: 89%
Molecular Formula: $C_{20}H_6Br_4Na_2O_8$
Molecular Weight: 691.86 g/mol
Melting Point: >300°C
Insoluble Matter: 0.08%
Loss on Drying: 1.9%
Solubility in Water: Soluble

Code	Pack
RRBD92-T	5g
RRBD92-W	25g

Eriochrome Black T C.I. 14645

Cas No: 1787-61-7 EINECS: 217-250-3

Dye Content: >60%
Molecular Formula: $C_{20}H_{12}N_2NaO_7S$
Molecular Weight: 461.38 g/mol
Absorption: λ_{max} 503 nm
Strength: 100% +/- 5%
Shade: within visual tolerances
Solubility in Water: Soluble (Red Solution)

Code	Pack
RRBD108-U	10g
RRBD108-W	25g

Ethyl Acetate 99.7% ACS

Cas No: 141-78-6 EINECS: 205-500-4 UN1173 Flash Point: -4°C



Minimum Assay: >99.7%
Molecular Formula: $C_4H_8O_2$
Molecular Weight: 88.11 g/mol
Boiling Point: 77°C
Melting Point: -83°C
Density at 20°C (g/cm³): 0.90
Refractive Index: 1.3704-1.3744

Code	Pack
GPS9015-D	500ml
GPS9015-E	1L
GPS9015-F	2.5L

Ethyl Benzoate 99.9% FCC

Cas No: 93-89-0 EINECS: 202-284-3 Flash Point: 93°C

Minimum Assay: >99%
Molecular Formula: $C_{11}H_{12}O_2$
Molecular Weight: 150.18 g/mol
Boiling Point: 212-214°C
Melting Point: -34°C
Density at 25°C (g/cm³): 1.045
Refractive Index: 1.504

Code	Pack
GPC242209-B	100ml

Ethylene Glycol 99.8%

Cas No: 107-21-1 EINECS: 203-473-3 UN3082 Flash Point: 111°C



Minimum Assay: >99.8%
Molecular Formula: $C_2H_6O_2$
Molecular Weight: 62.07 g/mol
Boiling Point: 195-198°C
Melting Point: -13°C
Density at 20°C (g/cm³): 1.113
Refractive Index: 1.431

Code	Pack
GPS1011-D	500ml

Chemicals & Reagents

Ethylenediaminetetraacetic acid 98-100.5% ACS

Cas No: 60-00-4 EINECS: 200-449-4 UN3077



Minimum Assay: 99.34%
Molecular Formula: $C_{10}H_{16}N_2O_8$
Molecular Weight: 292.24 g/mol
Melting Point: 250°C
Density at 20°C (g/cm³): 1.46
pH (5% soln 25°C): 2.85
Chelation Value: 340

Code	Pack
GPC9996-X	100g

Fast Green FCF C.I. 42053

Cas No: 2353-45-9 EINECS: 219-091-5



Dye Content: >85%
Molecular Formula: $C_{27}H_{34}N_2Na_2O_{10}S_5$
Molecular Weight: 808.85 g/mol
Melting Point: 290°C
Insoluble Matter: <0.20%
Subsidiary Dyes: <6% (Mass)

Code	Pack
RRBD880-T	5g

Fehlings Solution I Ph.Eur

UN3082



Contains:
Copper Sulphate: <7%

Code	Pack
RRSP5101-D	500ml
RRSP5101-E	1L

Fehlings Solution II Ph.Eur

UN1824



Contains:
Potassium Hydroxide: <25%
Potassium Sodium Tartrate: <35%

Code	Pack
RRSP5102-D	500ml
RRSP5102-E	1L

Feulgen Stain (Schiff)

UN1789



Contains:
Sodium Metabisulphite: <1%
Hydrochloric Acid: <2%

Code	Pack
RRSP40-B	100ml
RRSP40-D	500ml

Fluorescein Disodium Salt Hydrate C.I.45350

Cas No: 518-47-8 EINECS: 208-253-0



Molecular Formula: $C_{20}H_{10}Na_2O_5 \cdot xH_2O$
Molecular Weight: 376.27 g/mol
(anhydrous)
Melting Point: >300°C
Wavelength Max: 491nm
Solubility in Water: Soluble

Code	Pack
RRBD23914-T	5g
RRBD23914-W	25g
RRBD23914-X	100g

Formaldehyde 37% ACS

Cas No: 50-00-0 EINECS: 200-001-8 UN2209 Flash Point: 56°C



Minimum Assay: 36.3-36.9%
Molecular Formula: CH_2O
Molecular Weight: 30.03 g/mol
Boiling Point: 97°C
Melting Point: -15°C
Density at 20°C (g/cm³): 1.016
Refractive Index: 1.3765
Methanol: 6.0-8.0%

Code	Pack
GPC8044-D	500ml
GPC8044-E	1L
GPC8044-F	2.5L

Formic Acid 85% ACS

Cas No: 64-18-6 EINECS: 200-579-1 UN1779 Flash Point: 49°C



Minimum Assay: >85%
Molecular Formula: CH_2O_2
Molecular Weight: 46.03 g/mol
Boiling Point: 100-101°C
Melting Point: 8.2-8.4°C
Density at 25°C (g/cm³): 1.22
Refractive Index: 1.370

Code	Pack
GPC9002-D	500ml

D (-) Fructose 99.5%

Cas No: 57-48-7 EINECS: 200-333-3

Minimum Assay: 99.5%
Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.16 g/mol
Melting Point: 119-122°C
Density at 20°C (g/cm³): 1.59
Refractive Index: 1.370
pH (10% soln 20°C): 5.0-6.0

Code	Pack
GPC9949-W	25g
GPC9949-X	100g

D (+) Galactose

Cas No: 59-23-4 EINECS: 200-416-4

Minimum Assay: >98%
Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.16 g/mol
Melting Point: 164-168°C
pH (1M soln 20°C): 5.0-7.0

Code	Pack
GPC1650-W	25g
GPC1650-X	100g

Gelatine 240 from Bloom Bovine EP

Cas No: 9000-70-8 EINECS: 232-554-6

Particle Size: 630 microns
Bloom: 240 +/- 10
pH (1% Solution): 4-6
Moisture: *10-14%
Clarity: max 20 absorbance units

*Test carried out on raw material

Code	Pack
GPC1663-X	100g
GPC1663-2X	250g
GPC1663-5X	500g

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Chemicals & Reagents

Gentian Violet BP80 C.I.42555

Cas No: 548-62-9	Einecs: 208-953-6	UN3077	
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Dye Content: >97.6%
Molecular Formula: C₂₃H₂₆ClN₄
Molecular Weight: 407.98 g/mol
Melting Point: 205°C

Code	Pack
RRBD3601-W	25g

Gibberellic Acid 90%

Cas No: 77-06-5	Einecs: 201-001-0		
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Minimum Assay: >90%
Molecular Formula: C₁₉H₂₂O₆
Molecular Weight: 346.37 g/mol
Melting Point: 222°C
Density at 20°C (g/cm³): 1.34

Code	Pack
GPC2925-1GM	1g

Glass Wool

Cas No: 65997-19-3			
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Description: Faint Green Shiny Fibres
Soluble in HCl: <0.58%
Iron (Fe): <0.0049%
Lead: <0.0016%

Code	Pack
GPC1371-2X	250g
GPC1371-5X	500g

D (+) Glucose Anhydrous ACS

Cas No: 50-99-7	Einecs: 200-075-1		
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Molecular Formula: C₆H₁₂O₆
Molecular Weight: 180.16 g/mol
Melting Point: 147-153°C
Optical Rotation: +53°

Code	Pack
GPC9959-5X	500g
GPC9959-Y	1kg

Glucose-1-Phosphoric Acid Disodium Salt Tetrahydrate

Cas No: 56401-20-8	Einecs: 260-154-1		
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Molecular Formula: C₆H₁₁Na₂O₈P₄H₂O
Molecular Weight: 376.16 g/mol
Melting Point: 138°C

Code	Pack
GPC7849-1GM	1g
GPC7849-5GM	5g

L-Glutamic Acid 99-100.5%

Cas No: 56-86-0	Einecs: 200-293-7		
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Minimum Assay: 99-100.5%
Molecular Formula: C₅H₉NO₄
Molecular Weight: 147.13 g/mol
Melting Point: 189-192°C
Transmittance: >98%
Optical Rotation: +32°

Code	Pack
GPC2719-X	100g

Glycerol 99.5% ACS,EP,FG

Cas No: 56-81-5	Einecs: 200-289-5		
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Minimum Assay: >99.5%
Molecular Formula: C₃H₈O₃
Molecular Weight: 92.09 g/mol
Melting Point: 20°C
Density at 20°C (g/cm³): 1.25
Refractive Index: 1.471-1.474
Water Content: <0.5%

Code	Pack
GPS1005-D	500ml
GPS1005-E	1L
GPS1005-F	2.5L

Glycine 98.5-101.5% USP,FG

Cas No: 56-40-6	Einecs: 200-272-2		
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Minimum Assay: 98.5-101.5%
Molecular Formula: C₂H₅NO₂
Molecular Weight: 75.07 g/mol
Melting Point: 232-236°C

Code	Pack
GPC9889-X	100g
GPC9889-2X	250g

Grams Iodine

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Contains:

Iodine: <3%
Potassium Iodide: <6%

Code	Pack
RRSP59-B	100ml
RRSP59-C	250ml

Graphite Powder

Cas No: 7782-42-5	Einecs: 231-955-3		
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Minimum Assay: >85%
Molecular Formula: C
Molecular Weight: 12.01 g/mol
Melting Point: 3652-3697°C
Density at 20°C (g/cm³): 2.2

Code	Pack
GPC7418-5X	500g
GPC7418-Y	1kg

Haematoxylin Delafield

		UN1170	Flash Point: 42°C
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Contains:
Denatured Ethanol: <20%
Potassium Permanganate: <1%

Code	Pack
RRSP62-D	500ml

Chemicals & Reagents

Heptane 99.5% ACS

Cas No: 142-82-5	Einecs: 205-563-8	UN1206	Flash Point: 22°C
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Minimum Assay: >99.5%
Molecular Formula: C₇H₁₆
Molecular Weight: 100.21 g/mol
Boiling Point: 98°C
Melting Point: -91°C
Density at 15°C (g/cm³): 0.684
Refractive Index: 1.387

Code	Pack
GPS9041-D	500ml
GPS9041-F	2.5L

Heptan-1-ol 99%

Cas No: 111-70-6	Einecs: 203-897-9		Flash Point: 76°C
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Minimum Assay: >99%
Molecular Formula: C₇H₁₆O
Molecular Weight: 116.20 g/mol
Boiling Point: 175-176°C
Melting Point: -34°C
Density at 20°C (g/cm³): 0.820
Refractive Index: 1.4240

Code	Pack
GPS3325-B	100ml
GPS3325-C	250ml

Hexamine 99.0%

Cas No: 100-97-0	Einecs: 202-905-8	UN1328	Flash Point: 250°C
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Minimum Assay: 99.0%
Molecular Formula: C₆H₁₂N₄
Molecular Weight: 140.19 g/mol
Melting Point: 280°C
Density at 20°C (g/cm³): 1.33
pH (10% soln 20°C): 7-10

Code	Pack
GPC8061-5X	500g

n-Hexane 95% ACS

Cas No: 110-54-3	Einecs: 203-777-6	UN1208	Flash Point: -26°C
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Minimum Assay: >95%
Molecular Formula: C₆H₁₄
Molecular Weight: 86.18 g/mol
Boiling Point: 69°C
Melting Point: -95°C
Density at 25°C (g/cm³): 0.659
Refractive Index: 1.375

Code	Pack
GPS1008-B	100ml
GPS1008-D	500ml

Hexane Fraction 65-70

Cas No: 110-54-3	Einecs: 203-777-6	UN1208	Flash Point: -26°C
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Minimum Assay: >95%
Molecular Formula: C₆H₁₄
Molecular Weight: 86.18 g/mol
Boiling Range: 65-70°C
Density at 15°C (g/cm³): 0.663-0.669
Appearance: Clear and bright

Code	Pack
GPC5435-D	500ml

1-Hexanol 98%

Cas No: 111-27-3	Einecs: 203-852-3	UN2282	Flash Point: 60°C
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Minimum Assay: 98%
Molecular Formula: CH₃(CH₂)₅OH
Molecular Weight: 102.17 g/mol
Boiling Point: 156-157°C
Melting Point: -52°C
Density at 25°C (g/cm³): 0.814
Refractive Index: 1.418

Code	Pack
GPC7532-C	250ml
GPC7532-D	500ml



Hex-1-ene 97%

Cas No: 592-41-6	Einecs: 209-753-1	UN2370	Flash Point: -25°C
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Minimum Assay: >97%
Molecular Formula: C₆H₁₂
Molecular Weight: 84.16 g/mol
Melting Point: -140°C
Boiling Point: 62-64°C
Density at 25°C (g/cm³): 0.673
Refractive Index: 1.388

Code	Pack
GPS3345-B	100ml



Hydrochloric Acid 0.1M (0.1 N) Solution

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Contains:

Hydrochloric Acid Solution: 0.1M (0.1N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM1009-F	2.5L
VM1009-G	5L

Hydrochloric Acid 0.5M (0.5N) Solution

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Contains:

Hydrochloric Acid Solution: 0.5M (0.5N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM5157-F	2.5L

Hydrochloric Acid 1.0M (1.0N) Solution

		UN1789	
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Contains:

Hydrochloric Acid Solution: 1.0M (1.0N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM1012-E	1L
VM1012-F	2.5L
VM1012-G	5L

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Chemicals & Reagents

Hydrochloric Acid 2.0M (2.0N) Solution

Cas No:	UN1789		
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Contains:
Hydrochloric Acid Solution: 2.0M (2.0N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM1191-E	1L
VM1191-F	2.5L

Hydrochloric Acid 4.0M (4.0N) Solution

Cas No:	UN1789		
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Contains:
Hydrochloric Acid Solution: 4.0M (4.0N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM1181-E	1L

Hydrochloric Acid 5.0M (5.0N) Solution

Cas No:	UN1789		
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Contains:
Hydrochloric Acid Solution: 5.0M (5.0N) +/- 1%

Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

Code	Pack
VM5161-E	1L
VM5161-F	2.5L

Hydrochloric Acid 35.0-36.6% ACS,FG

Cas No: 7647-01-0	Einecs: 231-595-7	UN1789	
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Contains:
Minimum Assay: 35-36%
Molecular Formula: HCl
Molecular Weight: 36.46 g/mol
Boiling Point: >100°C
Melting Point: -30°C
Density at 25°C (g/cm³): 1.2

Code	Pack
GPC8006-E	1L
GPC8006-F	2.5L
GPC8006-6E	6x1L

Hydrogen Peroxide 35% (100 vols)

Cas No: 7722-84-1	Einecs: 231-765-0	UN2014	
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Contains:
Minimum Assay: 34.5-35.5%
Molecular Formula: H₂O₂
Molecular Weight: 34.01 g/mol
Melting Point: -32°C
Density at 20°C (g/cm³): 1.11
Litres of O₂ at 0°C/760 mm Hg released by litre of H₂O₂ at 20°C: 130
Stability, H₂O₂ loss after 26h at 96°C (relative max %): 3%
Appearance: Clear, colourless liquid

Code	Pack
GPC8043-D	500ml
GPC8043-E	1L
GPC8043-2E	2L
GPC8043-4F	4 x 2.5L

Hydrogen Peroxide 6% (20 Vols) FG

Cas No: 7722-84-1	Einecs: 231-765-0		
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Contains:
Hydrogen Peroxide 35% Food Grade: <6%

Code	Pack
HP6-D	500ml
HP6-E	1L
HP6-2E	2L

Hydroquinone 99.5%

Cas No: 123-31-9	Einecs: 204-617-8	UN3077	Flash Point: 165°C
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Contains:
Minimum Assay: 99.5%
Molecular Formula: C₆H₄(OH)₂
Molecular Weight: 110.00 g/mol
Boiling Point: 285°C
Melting Point: 171-173°C

Code	Pack
GPC5664-X	100g

Immersion Oil Basic R.I. 1.5185

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Appearance: Slight straw colour, clear & bright free of particulates
Viscosity (At 23°C): 1000-1200 cSt
Transmission: 400-900nm
Relative Density (At 23°C): 1.329
Refractive Index (At 23°C): 1.5182 +/- 0.002
Store between 4°C - 35°C

Code	Pack
RRSP21-25ML	25ml
RRSP21-A	50ml

Indigo Carmine ACS/USP C.I. 73015

Cas No: 860-22-0	Einecs: 212-728-8		
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Contains:
Minimum Assay: >80%
Molecular Formula: C₁₆H₈N₂Na₂O₈S₂
Molecular Weight: 466.35 g/mol
Loss on drying: 5.0% maximum
Visual Transition Interval: pH 11.5 (Blue) - pH 14.0 (yellow)

Code	Pack
RRBD84-T	5g

3-Indoleacetic Acid 98%

Cas No: 87-51-4	Einecs: 201-748-2		
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Contains:
Minimum Assay: 98%
Molecular Formula: C₁₀H₈NO₂
Molecular Weight: 175.18 g/mol
Melting Point: 165°C-169°C

Code	Pack
GPC8874-1G	1g
GPC8874-5G	5g
GPC8874-10G	10g

Industrial Methylated Spirits 70%

Cas No: 64-17-5	Einecs: 200-578-6	UN1170	Flash Point: 14°C
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Contains:
Industrial Methylated Spirit 99.5%: >70%

Code	Pack
GPS9018-E	1L

Chemicals & Reagents

Industrial Methylated Spirits 99.5%

Cas No: 64-17-5	Einecs: 200-578-6	UN1170	Flash Point: 14°C
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Contains:
Minimum Assay: >99.5%
Molecular Formula: C₈H₁₈O
Molecular Weight: 46.07 g/mol
Boiling Point: 78°C
Melting Point: -114°C
Density at 20°C (g/cm³): 0.785
Refractive Index: 1.361

Code	Pack
GPS1000-D	500ml
GPS1000-E	1L
GPS1000-F	2.5L
GPS1000-4F	4 x 2.5L

Invertase Concentrate 5000 SU/ml from Saccharomyces cerevisiae

Cas No: 9001-57-4	Einecs: 232-615-7		
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Standardised Activity:
≥ 6200 SU/ml
≤ 0.02 BDG/g
Chemical Properties:
pH: 5.0 - 6.0
Microbiological Specification:
Total plate count ≤100 CFU per g

Code	Pack
GPS1773-AA	25ml

Iodine 1% Solution in Potassium Iodide

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Contains:
Potassium Iodide: <2%
Iodine: <1%

Code	Pack
RRSP8401-D	500ml
RRSP8401-E	1L
RRSP8401-F	2.5L

Iodine 99.8% BP98

Cas No: 7553-56-2	Einecs: 231-442-4	UN3495	
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Contains:
Minimum Assay: >99.8%
Molecular Formula: I₂
Molecular Weight: 253.81 g/mol
Melting Point: 113-114°C
Boiling Point: 184°C
Density at 20°C (g/cm³): 4.930
Resistivity: 1.3E15 μΩ-cm

Code	Pack
RRBD82-X	100g
RRBD82-2X	250g
RRBD82-5X	500g

Iodine Solution 0.05M (0.1N)

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Contains:
Iodine Solution: 0.05M (0.1N) +/- 1%

Molecular Formula: I₂
Molecular Weight: 253.81 g/mol

Code	Pack
VM6653-F	2.5L

1-Iodobutane 98.5%

Cas No: 542-69-8	Einecs: 208-824-4	UN1993	Flash Point: 33°C
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Contains:
Minimum Assay: >98.5%
Molecular Formula: C₄H₉I
Molecular Weight: 184.02 g/mol
Boiling Point: 129-131°C
Melting Point: -103°C
Refractive Index: 1.499
Density at 25°C (g/cm³): 1.616

Code	Pack
GPS3808-AA	25ml
GPS3808-C	250ml

Iron (II) Chloride Tetrahydrate

Cas No: 13478-10-9	Einecs: 231-843-4	UN3260	
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Contains:
Minimum Assay: 99%
Molecular Formula: FeCl₂·4H₂O
Molecular Weight: 198.81 g/mol
Melting Point: 105-110°C
Density at 20°C (g/cm³): 1.93
pH (10% soln 20°C): 2.5

Code	Pack
GPC7541-X	100g
GPC7541-2X	250g

Iron (II) Sulphate Heptahydrate (Ferrous Sulphate)

Cas No: 7782-63-0	Einecs: 231-753-5		
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Contains:
Minimum Assay: >98.1%
Molecular Formula: FeSO₄·7H₂O
Molecular Weight: 272.08 g/mol
Melting Point: 64°C
Density at 25°C (g/cm³): 1.898
pH (5% soln 25°C): 3.0-4.0
Iron (Fe²⁺): 18.8% m/m

Code	Pack
GPC8062-2X	250g
GPC8062-5X	500g

Iron (II) Sulphide Fused Sticks

Cas No: 1317-37-9	Einecs: 215-268-6		
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Sulphide, Sulphur: >30%
Molecular Formula: FeS
Molecular Weight: 87.91g/mol
Melting Point: 1195°C
Density at 15°C (g/cm³): 4.84
Form: Fused Sticks

Code	Pack
GPC3853-5X	500g

Iron (III) Chloride 6-Hydrate

Cas No: 10025-77-1	Einecs: 231-729-4	UN3260	
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Contains:
Assay as Ferric Chloride: 59.9%
Molecular Formula: Cl₃Fe·6H₂O
Molecular Weight: 270.30 g/mol
Melting Point: 37°C
Boiling Point: 280-285°C
pH (1% soln 25°C): 1.8
Form: Granular/Lump

Code	Pack
GPC8110-2X	250g
GPC8110-5X	500g
GPC8110-Y	1kg

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Chemicals & Reagents

Iron (III) Chloride Anhydrous

Cas No: 7705-08-0	Einecs: 231-729-4	UN1773	
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Minimum Assay: 98%
Molecular Formula: FeCl₃
Molecular Weight: 162.21 g/mol
Boiling Point: 304°C
Melting Point: 304°C
Density at 25°C (g/cm³): 2.89
pH (20% soln 20°C): 1



Code	Pack
GPC8500-2X	250g

Iron (III) Nitrate Nonahydrate 98.5%

Cas No: 7782-61-8	Einecs: 233-899-5	UN3260	
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Minimum Assay: >98.5%
Molecular formula: Fe(NO₃)₃·9H₂O
Molecular Weight: 404.00 g/mol
Melting Point: 47°C
Density at 20°C (g/cm³): 1.68
pH (10% soln 20°C): 1.3

Code	Pack
GPC9424-X	100g
GPC9424-2X	250g
GPC9424-5X	500g

Iron (III) Oxide 95%

Cas No: 1309-37-1	Einecs: 215-168-2		
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Minimum Assay: >97%
Molecular Formula: Fe₂O₃
Molecular Weight: 459.69 g/mol
Melting Point: 1565°C
Colour: Red

Code	Pack
GPC6915-5X	500g

Iron (III) Sulphate

Cas No: 15244-10-7	Einecs: 233-072-9	UN3260	
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Minimum Assay: 97%
Molecular Formula: Fe₂(SO₄)₃·xH₂O
Molecular Weight: 399.88 g/mol



Code	Pack
GPC1967-5X	500g

Iron Metal Filings Coarse

Cas No: 7439-89-6	Einecs: 231-096-4		
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Molecular Formula: Fe
Molecular Weight: 55.85 g/mol
Boiling Point: 3000°C
Melting Point: 1500°C
Resistivity: 9.71 μΩ-cm
Density at 25°C (g/cm³): 7.86

Code	Pack
GPC5325-5X	500g
GPC5325-Y	1kg

Iron Metal Filings Fine

Cas No: 7439-89-6	Einecs: 231-096-4		
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Molecular Formula: Fe
Molecular Weight: 55.85 g/mol
Boiling Point: 3000°C
Melting Point: 1500°C
Resistivity: 9.71 μΩ-cm
Density at 25°C (g/cm³): 7.86

Code	Pack
GPC5320-2X	250g
GPC5320-5X	500g
GPC5320-Y	1kg

Isoamyl Acetate 95%

Cas No: 123-92-2	Einecs: 204-662-3	UN1104	Flash Point: 25°C
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Minimum Assay: 95%
Molecular Formula: C₇H₁₄O₂
Molecular Weight: 130.18 g/mol
Boiling Point: 142°C
Melting Point: -78°C
Density at 25°C (g/cm³): 0.876
Refractive Index: 1.4

Code	Pack
GPC4807-D	500ml

Isoamyl Alcohol 99%

Cas No: 123-51-3	Einecs: 204-633-5	UN1105	Flash Point: 43°C
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Minimum Assay: >99.3%
Molecular Formula: C₈H₁₈O
Molecular Weight: 88.15 g/mol
Boiling Point: 130°C
Melting Point: -117°C
Density at 25°C (g/cm³): 0.811
Refractive Index: 1.406
3-Methyl-1-Butanol: <75.3%
2-Methyl-1-Butanol: <24%



Code	Pack
GPS9032-D	500ml
GPS9032-F	2.5L

IsoButanol 99% ACS

Cas No: 78-83-1	Einecs: 201-148-0	UN1212	Flash Point: 28°C
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Minimum Assay: >99%
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol
Boiling Point: 107-108°C
Melting Point: -108°C
Density at 25°C (g/cm³): 0.803
Refractive Index: 1.3960



Code	Pack
GPS7825-D	500ml

IsoPentane 96% (GW)

Cas No: 78-78-4	Einecs: 201-142-8	UN1265	Flash Point: -57°C
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Minimum Assay: >96%
Molecular Formula: C₅H₁₂
Molecular Weight: 72.15 g/mol
Boiling Point: 30°C
Melting Point: -160°C
Density at 25°C (g/cm³): 0.62
Refractive Index: 1.354



Code	Pack
GWN6298-C	250ml

Chemicals & Reagents

Isopropyl Alcohol 99.9% ACS

Cas No: 67-63-0	Einecs: 200-661-7	UN1219	Flash Point: 12°C
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Minimum Assay: >99.9%
Molecular Formula: C₃H₈O
Molecular Weight: 60.1 g/mol
Boiling Point: 82.4°C
Melting Point: -89.5°C
Density at 25°C (g/cm³): 0.785
Refractive Index: 1.377



Code	Pack
GPS1007-D	500ml
GPS1007-E	1L
GPS1007-F	2.5L
GPS1007-4F	4 x 2.5L

Janus Green 0.1% Solution

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Contains:

Janus B: 0.1%

Code	Pack
RRSP9656-B	100ml

Janus Green B C.I. 11050

Cas No: 2869-83-2	Einecs: 220-695-6		
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Molecular Formula: C₂₀H₁₃ClN₆
Molecular Weight: 511.06 g/mol
Absorption Wavelength (E1% in 1cm cell, water): 655-662nm
Absorptivity (E1% in 1cm cell, IMS/Water 50:50): >600
Loss on drying: <5%

Code	Pack
RRBD25598-T	5g

Kinetin 99% (6-Furfurylaminopurine)

Cas No: 525-79-1	Einecs: 208-382-2		
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Minimum Assay: 99%
Molecular Formula: C₁₀H₈N₂O
Molecular Weight: 215.21 g/mol
Melting Point: 264-270°C

Code	Pack
GPC8876-1GM	1g

Lactic Acid 80% ACS,FCC

Cas No: 79-33-4	Einecs: 201-196-2		Flash Point: 110°C
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Minimum Assay: >80%
Molecular Formula: C₃H₆O₃
Molecular Weight: 90.08 g/mol
Melting Point: 18°C
Boiling Point: 122°C
Stereochemical Purity: D:L ~40:60
Colour: Clear-pale yellow

Code	Pack
GPC9022-C	250ml
GPC9022-D	500ml

Lactose Monohydrate USP,EP

Cas No: 5989-81-1	Einecs: 200-559-2		
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Molecular Formula: C₁₂H₂₂O₁₁·H₂O
Molecular Weight: 360.31 g/mol
Melting Point: 207-211°C
Density (g/cm³): 1.525

Code	Pack
GPC2266-X	100g
GPC2266-5X	500g

Lead (II) Acetate Trihydrate

Cas No: 6080-56-4	Einecs: 206-104-4	UN1616	
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Minimum Assay: >99%
Molecular Formula: Pb(O₂CCH₃)₂·3H₂O
Molecular Weight: 379.33 g/mol
Melting Point: 75°C
Density at 20°C (g/cm³): 3.3
pH (5% soln 20°C): 5.5-6.5



Code	Pack
GPC2212-5X	500g

Lead (II) Nitrate 99% ACS

Cas No: 10099-74-8	Einecs: 233-245-9	UN1469	
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Minimum Assay: >99%
Molecular Formula: Pb(NO₃)₂
Molecular Weight: 331.20 g/mol
Melting Point: 470°C
Density at 20°C (g/cm³): 4.49
pH (5% soln 20°C): 3-4
Corresponds to BS 5936:1961



Code	Pack
GPC8414-2X	250g
GPC8414-5X	500g

Lead (II,IV) Oxide (Red Lead)

Cas No: 1314-41-6	Einecs: 215-235-6	UN1479	
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Minimum Assay: >96%
Molecular Formula: Pb₃O₄
Molecular Weight: 685.60 g/mol



Code	Pack
GPC5461-5X	500g

Lead (IV) Oxide 97%

Cas No: 1309-60-0	Einecs: 215-174-5	UN1872	
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Minimum Assay: >97%
Molecular Formula: PbO₂
Molecular Weight: 239.20 g/mol



Code	Pack
GPC7789-X	100g
GPC7789-2X	250g

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Chemicals & Reagents

Lead (II) Sulphate 98%			
Cas No: 7446-14-2	Einecs: 231-198-9	UN3077	



Minimum Assay: >98%
Molecular Formula: PbSO₄
Molecular Weight: 303.26 g/mol
Melting Point: 1170°C
Density at 25°C (g/cm³): 6.2

Code	Pack
GPC307734-X	100g



Lead Metal Foil 0.50mm			
Cas No: 7439-92-1	Einecs: 231-100-4		



Molecular Formula: Pb
Molecular Weight: 207.20 g/mol
Boiling Point: 1740°C
Melting Point: 327.4°C
Resistivity: 20.65 μΩ-cm
Thickness: 0.5mm

Code	Pack
GPC6460-5X	500g



Lead Metal Granular 99.5%			
Cas No: 7439-92-1	Einecs: 231-100-4	UN3077	



Minimum Assay: >99.5%
Molecular Formula: Pb
Molecular Weight: 207.20 g/mol
Boiling Point: 1740°C
Melting Point: 327.4°C
Solubility in water (% weight): Insoluble in water

Code	Pack
GPC5524-2X	250g
GPC5524-5X	500g



Leishman Stain			
		UN1230	Flash Point: 12°C



Contains:

Leishman Stain Powder: <1%
Methanol: >99%

Code	Pack
RRSP78-B	100ml



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Leishman Stain Powder			
Cas No: 12627-53-1	Einecs: 235-732-1		

Molecular Formula: C₂H₁₆N₂O₄
Molecular Weight: 428.39 g/mol
Maximum Absorption λ_{max} in Methanol: 640-645nm
Maximum Absorption λ_{max} in Methanol: 522-525nm
Absorptivity (A1%/1cm in Methanol): >900
Absorptivity (A1%/1cm in Methanol): >650
Loss on Drying: <5%

Code	Pack
RRBD38-T	5g

L-Leucine 98.5-101.5%			
Cas No: 61-90-5	Einecs: 200-522-0		

Minimum Assay: 98.5-101.5%
Molecular Formula: C₆H₁₃NO₂
Molecular Weight: 131.17 g/mol
Melting Point: >300°C
Density at 18°C (g/cm³): 1.293

Code	Pack
GPC2720-W	25g
GPC2720-X	100g

Limewater			
Cas No: 1305-62-0	Einecs: 200-018-0		



Contains:

Calcium Hydroxide: <3%
(Saturated Solution)

Code	Pack
RRSP4457-F	2.5L

D-Limonene 96%			
Cas No: 5989-27-5	Einecs: 227-813-5	UN2052	Flash Point: 43°C



Minimum Assay: 96%
Molecular Formula: C₁₀H₁₆
Molecular Weight: 136.24 g/mol
Boiling Point: 170-180°C
Density at 20°C (g/cm³): 0.842
Refractive Index: 1.470-1.475
Water: <0.5%
Odour: Orange/Citrus Fruit

Code	Pack
GPS8889-D	500ml



Lipase from Porcine Pancreas			
Cas No: 9001-62-1	Einecs: 232-619-9		

Units/mg protein: 30-90 (Triacetin)
Units/mg Protein: 100-500 (Olive Oil)
Protein by biuret: >20%
Typical Working Concentration: 1%
Optimum Working pH: 5.5-8.5
Working Temperature Range: 20-50°C
Storage Temp: 2-8°C

Code	Pack
A01831-T	5g
A01831-U	10g

Chemicals & Reagents

Lithium Carbonate 99%			
Cas No: 554-13-2	Einecs: 209-062-5		



Minimum Assay: >99%
Molecular Formula: Li₂CO₃
Molecular Weight: 73.90 g/mol
Boiling Point: 1310°C
Melting Point: 723°C
Density at 20°C (g/cm³): 2.1
pH (0.5% soln 20°C): 10-11

Code	Pack
GPC9398-W	25g
GPC9398-X	100g

Lithium Chloride 99% ACS			
Cas No: 7447-41-8	Einecs: 231-212-3		



Minimum Assay: >99.0%
Molecular Formula: LiCl
Molecular Weight: 42.39 g/mol
Boiling Point: 1325-1360°C
Melting Point: 605°C
Density at 20°C (g/cm³): 2.07
pH (5% soln 20°C): 6

Code	Pack
GPC6645-2W	50g
GPC6645-X	100g

Lithium Hydroxide Monohydrate 98%			
Cas No: 1310-66-3	Einecs: 215-183-4	UN2680	



Minimum Assay: <99%
Molecular Formula: LiOH·H₂O
Molecular Weight: 41.95 g/mol
Density at 20°C (g/cm³): 1.510

Code	Pack
GPC1899-X	100g



Litmus 1% Indicator Solution			

Contains:

Litmus Powder: <1%

Code	Pack
RRSP253-B	100ml
RRSP253-D	500ml
RRSP253-E	1L

Litmus Indicator pH 5-8			
Cas No: 1393-92-6	Einecs: 215-739-6		

Solubility in Water: Slightly Soluble
Solubility in Ethanol: Slightly Soluble
Transition Range pH 5-8: Red-Blue

Code	Pack
RRBD25278-W	25g
RRBD25278-2W	50g

Lugols Iodine Solution (for Microscopy)			



Contains:

Potassium Iodide: <2%
Iodine: <1%

Code	Pack
RRSP84-B	100ml
RRSP84-D	500ml
RRSP84-E	1L
RRSP84-F	2.5L

Magnesium Acetate Tetrahydrate			
Cas No: 16674-78-5	Einecs: 205-554-9		

Minimum Assay: 98%
Molecular Formula: (CH₃COO)₂Mg·4H₂O
Molecular Weight: 214.45 g/mol
Melting Point: 80°C
Density at 20°C (g/cm³): 1.45
pH (5% soln 20°C): 6.1

Code	Pack
GPC5236-5X	500g

Magnesium Chloride Hexahydrate 98.0-101% Ph.Eur			
Cas No: 7791-18-6	Einecs: 232-094-6		

Minimum Assay: >98.0-101.0%
As MgCl₂: >46.5%
Molecular Formula: Cl₂Mg·6H₂O
Molecular Weight: 203.3 g/mol
Melting Point: 116-118°C
Density at 20°C (g/cm³): 1.57
Water: 51.0-55.0% (Water of crystallisation)

Code	Pack
GPC8104-5X	500g

Magnesium Hydroxide 99%			
Cas No: 1309-42-8	Einecs: 215-170-3		

Minimum Assay: 99%
Molecular Formula: Mg(OH)₂
Molecular Weight: 58.32 g/mol
Melting Point: 350°C

Code	Pack
GPC1022-X	100g
GPC1022-2X	250g

Magnesium Nitrate Hexahydrate			
Cas No: 13446-18-9	Einecs: 233-826-7		



Minimum Assay: 98%
Molecular Formula: Mg(NO₃)₂·6H₂O
Molecular Weight: 256.41 g/mol
Melting Point: 89°C
Density at 20°C (g/cm³): 1.46
pH (5% soln 25°C): 5.0-7.0

Code	Pack
GPC9512-2X	250g
GPC9512-5X	500g

Magnesium Oxide 96% Heavy			
Cas No: 1309-48-4	Einecs: 215-171-9		

Minimum Assay: >96%
Molecular Formula: MgO
Molecular Weight: 40.30 g/mol
Boiling Point: 3600°C
Melting Point: 2852°C
Density at 25°C (g/cm³): 3.58
Refractive Index: 1.736

Code	Pack
GPC5193-2X	250g

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Chemicals & Reagents

Magnesium Oxide 96% Light

Cas No: 1309-48-4	Einecs: 215-171-9		
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Minimum Assay: >96%
Molecular Formula: MgO
Molecular Weight: 40.30 g/mol
Boiling Point: 3600°C
Melting Point: 2852°C
Density at 25°C (g/cm³): 3.58
Refractive Index: 1.736

Code	Pack
GPC5491-2X	250g
GPC5491-5X	500g

Magnesium Powder

Cas No: 7439-95-4	Einecs: 231-104-6	UN1418	
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Minimum Assay: 99.5%
Molecular Formula: Mg
Molecular Weight: 24.31 g/mol
Boiling Point: 1090°C
Melting Point: 648°C
Density at 20°C (g/cm³): 1.74

Code	Pack
GPC6698-X	100g
GPC6698-2X	250g
GPC6698-5X	500g

Magnesium Ribbon 99.8%

Cas No: 7439-95-4	Einecs: 231-104-6	UN1869	
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Minimum Assay: >99.8%
Width: 3.3mm Nominal
Thickness: 0.22 Nominal
Boiling Point: 1090°C
Melting Point: 648°C
Density at 25°C (g/cm³): 1.74
Resistivity: 4.46 μΩ-cm

Code	Pack
GPC1444-W	25g

Magnesium Sulphate Dried

Cas No: 7487-88-9	Einecs: 231-298-2		
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Minimum Assay (MgSO₄): 62-70%
Molecular Formula: MgSO₄
Molecular Weight: 120.37 g/mol
Melting Point: 1124°C

Code	Pack
GPC5194-5X	500g

Magnesium Sulphate Heptahydrate 99.5% ACS,FCC

Cas No: 10034-99-8	Einecs: 231-298-2		
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Minimum Assay: >99.5%
Molecular Formula: MgSO₄·7H₂O
Molecular Weight: 246.47 g/mol
Melting Point: 170-171°C
Density (g/cm³): 1.678

Code	Pack
GPC8115-Y	1kg

Magnesium Turnings 99%

Cas No: 7439-95-4	Einecs: 231-104-6	UN1869	
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Minimum Assay: 99%
Molecular Formula: Mg
Molecular Weight: 24.31 g/mol
Boiling Point: 1107°C
Melting Point: 651°C
Density at 20°C (g/cm³): 1.75

Code	Pack
GPC9222-X	100g
GPC9222-2X	250g
GPC9222-5X	500g

Malachite Green Oxalate Crystals C.I. 42000

Cas No: 2437-29-8	Einecs: 219-441-7	UN2811	
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Molecular Formula: C₂₂H₁₄N₄O₂
Molecular Weight: 927.02 g/mol
Melting Point: 159°C
Wavelength of max. Absorption, λ_{max} (in 50:50 IMS:Water): 623nm
Absorption Ratio (A λ_{max} +15nm/A λ_{max}+15nm): 1.01
Specific Absorption (A 1% in 10nm cell) at λ_{max}: 1814

Code	Pack
RRBD39-T	5g

Maltose Monohydrate 90%

Cas No: 6363-53-7	Einecs: 200-716-5		
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Minimum Assay: >85%
Molecular Formula: C₁₂H₂₂O₁₁·H₂O
Molecular Weight: 360.32 g/mol
Melting Point: 120°C
Density at 20°C (g/cm³): 1.518
Colour Phase (30% sol): 4.3%
Turbidity (30% sol): <0.1
Viable Counts: <300cfu/g
Coliform Organisms: Negative

Code	Pack
GPC1225-W	25g
GPC1225-X	100g

Manganese (II) Chloride Tetrahydrate 98%

Cas No: 13446-34-9	Einecs: 231-869-6	UN3077	
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Minimum Assay: >98%
Molecular Formula: Cl₂Mn·4H₂O
Molecular Weight: 197.90 g/mol
Melting Point: 58°C
Density at 20°C (g/cm³): 2.01
pH (5% soln 25°C): 3.5-6.0
Appearance Form: crystalline
Colour: light red

Code	Pack
GPC7200-2X	250g

Manganese (IV) Oxide 75%

Cas No: 1313-13-9	Einecs: 215-202-6		
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Minimum Assay: >75%
Molecular Formula: MnO₂
Molecular Weight: 86.94 g/mol
Melting Point: 535°C
Density at 21°C (g/cm³): 5.21

Code	Pack
GPC9303-X	100g
GPC9303-2X	250g
GPC9303-5X	500g

Chemicals & Reagents

Manganese (Metal) Electrolytic

Cas No: 7439-96-5	Einecs: 231-105-1	UN3208	
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Minimum Assay: 99.9%
Molecular Formula: Mn
Molecular Weight: 54.93 g/mol
Boiling Point: 2095°C
Melting Point: 1246°C
Density at 25°C (g/cm³): 7.3
Resistivity: 185 μΩ-cm

Code	Pack
GPC5246-X	100g

D-Mannitol 96.0-102.0% USP,EP

Cas No: 69-65-8	Einecs: 200-711-8		
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Minimum Assay: 96.0-102.0%
Molecular Formula: C₆H₁₄O₆
Molecular Weight: 182.17 g/mol
Boiling Point: 290-295°C
Melting Point: 167-169°C
Specific Rotation: +137 to +145
Specific Optical Rotation: +23 to +25

Code	Pack
GPC1494-X	100g
GPC1494-5X	500g

Marble Chips 2-4mm

Cas No: 13397-26-7			
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Molecular Formula: CaCO₃
Molecular Weight: 100.09 g/mol
Synonyms: Calcium Carbonate Ore
Chip Size: 2-4mm

Code	Pack
MC4875-Y	1kg
MC4875-3Y	3kg

Marble Chips 6-9mm

Cas No: 13397-26-7			
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Molecular Formula: CaCO₃
Molecular Weight: 100.09 g/mol
Synonyms: Calcium Carbonate Ore
Chip Size: 6-9mm

Code	Pack
MC4879-Y	1kg
MC4879-3Y	3kg

Marble Chips 9-12mm

Cas No: 13397-26-7			
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Molecular Formula: CaCO₃
Molecular Weight: 100.09 g/mol
Synonyms: Calcium Carbonate Ore
Chip Size: 9-12mm

Code	Pack
MC3392-Y	1kg
MC3392-3Y	3kg

Mercuric Oxide Red GPC

Cas No: 21908-53-2	Einecs: 244-654-7	UN1641	
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Molecular Formula: HgO
Molecular Weight: 216.59 g/mol
Melting Point: 500°C
Density at 20°C (g/cm³): 11.1
pH (5% soln 20°C): 6-7

Code	Pack
GPC8009-2W	50g

Mercury (II) Chloride 99.5% ACS

Cas No: 7487-94-7	Einecs: 231-299-8	UN1624	
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Minimum Assay: >99.5%
Chemical Formula: HgCl₂
Molecular Weight: 271.5 g/mol
Boiling Point: 302°C
Melting Point: 280.7°C
Density at 20°C (g/cm³): 5.44
pH (1.5% soln): 3.2

Code	Pack
GPC6489-2W	50g
GPC6489-X	100g

Methanol 99.85% ACS

Cas No: 67-56-1	Einecs: 200-659-6	UN1230	Flash Point: 11°C
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Minimum Assay: 99.85%
Molecular Formula: CH₃OH
Molecular Weight: 32.04 g/mol
Boiling Point: 64.96°C
Melting Point: -97.8°C
Density at 25°C (g/cm³): 0.791
Refractive Index: 1.329

Code	Pack
GPS1004-D	500ml
GPS1004-E	1L
GPS1004-F	2.5L
GPS1004-G	5L

Methyl Acetate 99%

Cas No: 79-20-9	Einecs: 201-185-2	UN1231	Flash Point: -13°C
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Minimum Assay: 99%
Molecular Formula: CH₃COOCH₃
Molecular Weight: 74.08 g/mol
Melting Point: -98°C
Boiling Point: 57-58°C
Density at 25°C (g/cm³): 0.934
Refractive Index: 1.361

Code	Pack
GPS9044-D	500ml

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Chemicals & Reagents

Methyl Benzoate 99%

Cas No: 93-58-3	Einecs: 202-259-7	Flash Point: 83°C
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Minimum Assay: >99.0%
Molecular Formula: C₉H₈COOCH₃
Molecular Weight: 136.15 g/mol
Boiling Point: 198-199°C
Melting Point: -12°C
Density at 20°C (g/cm³): 1.09
Refractive Index: 1.516

Code	Pack
GPC29908-B	100ml
GPC29908-C	250ml
GPC29908-D	500ml

Methyl Blue (Cotton Blue) C.I. 42780

Cas No: 28983-56-4	Einecs: 249-352-9
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Minimum Assay: 96%
Molecular Formula: C₇H₇N₃Na₂O₅S₃
Molecular Weight: 799.80 g/mol
Melting Point: 137°C
Absorption max: 600 nm
Visual transition: pH 10.0 (blue) to pH 13.0 (orange)

Code	Pack
RRBD63-W	25g

Methyl Ethyl Ketone 99.7% ACS

Cas No: 78-93-3	Einecs: 201-159-0	UN1193	Flash Point: -3°C
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Minimum Assay: >99.5%
Molecular Formula: C₆H₁₀O
Molecular Weight: 72.11 g/mol
Boiling Point: 80°C
Melting Point: -87°C
Density at 25°C (g/cm³): 0.805
Refractive Index: 1.379



Code	Pack
GPS8969-D	500ml
GPS8969-E	1L
GPS8969-F	2.5L

Methyl Methacrylate 99% Stabilised

Cas No: 80-62-6	Einecs: 201-297-1	UN1247	Flash Point: 9°C
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Minimum Assay: >99%
Molecular Formula: C₅H₈O₂
Molecular Weight: 100.12 g/mol
Melting Point: -48°C
Boiling Point: 100-101°C
Density at 20°C (g/cm³): 0.94
Refractive Index: 1.414



Code	Pack
GPC9434-C	250ml
GPC9434-D	500ml

Methyl Orange 0.04% Indicator Solution

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Contains:

Methyl Orange: 0.04%

Code	Pack
RRSP1561-B	100ml
RRSP1561-D	500ml

Methyl Orange C.I.13025

Cas No: 547-58-0	Einecs: 208-925-3	UN3143
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Minimum Assay: 95%
Molecular Formula: C₁₄H₁₄N₂NaO₅S
Molecular Weight: 327.34 g/mol
Melting Point: >300°C
Absorptivity (pH 3.0) 501-504nm: 1050-1150
Absorptivity (pH 4.4) 467-471nm: 750-850

Code	Pack
RRBD15464-T	5g
RRBD15464-W	25g

Methyl Orange Xylene Cyanol

		UN1170
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Contains:

Methyl Orange: <1%
Xylene Cyanol: <1%
Ethanol: <50%
Water: <50%

Code	Pack
GPC7856-B	100ml
GPC7856-D	500ml

Methyl Red 0.1% Indicator Solution in Ethanol

		UN1170
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Contains:

Methyl Red: 0.1%
Denatured Ethanol: <75%



Code	Pack
GPS6504-B	100ml
GPS6504-D	500ml

Methyl Red Sodium Salt C.I. 13020

Cas No: 845-10-3	Einecs: 212-682-9
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Dye Content: >90%
Molecular Formula: C₁₅H₁₄NaO₅
Molecular Weight: 291.29 g/mol
Transition Range: pH4.2 (Violet Red) - pH6.2 (Brownish/Yellow)
Maximum Absorption (pH4.2): 523-527nm
Maximum Absorption (pH6.2): 430-434nm
Absorptivity (A1%/1cm at pH4.2): 1200-1300
Absorptivity (A1%/1cm at pH6.2): 675-735
Loss on Drying: <5%

Code	Pack
RRBD70-W	5g

Methyl Salicylate 99% USP, BP Synthetic

Cas No: 119-36-8	Einecs: 204-317-7	Flash Point: 96°C
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Minimum Assay: >99%
Molecular Formula: C₉H₈O₃
Molecular Weight: 152.15 g/mol
Boiling Point: 222°C
Melting Point: -8°C
Density at 25°C (g/cm³): 1.174
Refractive Index: 1.537

Code	Pack
GPC4677-B	100ml
GPC4677-D	500ml
GPC4677-E	1L

Chemicals & Reagents

Methylene Blue (1% Aqueous)

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Contains:

Methylene Blue: <1%

Code	Pack
RRSP94-B	100ml
RRSP94-C	250ml
RRSP94-D	500ml
RRSP94-E	1L

Methylene Blue (10 x Concentrate)

		UN1170	Flash Point: 14°C
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Contains:

Denatured Ethanol: <90%
Sodium Azide: <1%



(Dilute 1:9 for use with distilled water)

Code	Pack
RRSP91-B	100ml

Methylene Blue (Loeffler)

Cas No: 61-73-4		UN1993	Flash Point: 29°C
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Contains:

Denatured Ethanol: <30%
Methylene Blue: <1%
Potassium Hydroxide: <1%

Code	Pack
RRSP96-B	100ml

Methylene Blue BP73, ACS C.I. 52015

Cas No: 122965-43-9	Einecs: 200-515-2
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Minimum Assay: >99.5%
Molecular Formula: C₁₆H₁₈ClN₃S₃H₂O
Molecular Weight: 319.86 g/mol
Melting Point: 190°C

Code	Pack
RRBD71-T	5g
RRBD71-W	25g
RRBD71-2W	50g
RRBD71-X	100g

2-Methylpropan-2-ol 98%

Cas No: 75-65-0	Einecs: 200-889-7	UN1120	Flash Point: 11°C
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Minimum Assay: >98%
Molecular Formula: C₄H₁₀O
Molecular Weight: 74.12 g/mol
Boiling Point: 83°C
Melting Point: 25°C
Density at 25°C (g/cm³): 0.775
Refractive Index: 1.387

Code	Pack
GPS5367-D	500ml
GPS5367-F	2.5L

Mineralised Methylated Spirits

Cas No: 64-17-5	Einecs: 200-578-6	UN1170	Flash Point: 17°C
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Alcohol Content: <94%
Molecular Formula: C₂H₆O
Molecular Weight: 46.07 g/mol
Methanol: 7-8%
Aldehydes & Ketones: <0.10%
Residue on Evaporation: <0.01%
Appearance: Bright violet liquid



Code	Pack
GPS9023-D	500ml
GPS9023-F	2.5L
GPS9023-4F	4 x 2.5L

Murexide 99.2%

Cas No: 3051-09-0	Einecs: 221-266-6
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Minimum Assay: 99.2%
Molecular Formula: C₈H₆N₂O₆
Molecular Weight: 284.19 g/mol
Melting Point: >300°C
pH (0.1% soln 20°C): 5

Code	Pack
GPS5536-ST	5g

Naphthalene 99%

Cas No: 91-20-3	Einecs: 202-049-5	UN1334	Flash Point: 80°C
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Minimum Assay: 99%
Molecular Formula: C₁₀H₈
Molecular Weight: 128.17 g/mol
Boiling Point: 218°C
Melting Point: 80-82°C
Density at 20°C (g/cm³): 1.085



Code	Pack
GPC2468-5X	500g

2-Naphthol 98%

Cas No: 135-19-3	Einecs: 205-182-7	UN3077	Flash Point: 153°C
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Minimum Assay: 98%
Molecular Formula: C₁₀H₈O
Molecular Weight: 144.17 g/mol
Boiling Point: 285-286°C
Melting Point: 120-124°C
Density at 20°C (g/cm³): 1.27



Code	Pack
GPC2489-X	100g
GPC2489-5X	500g

Neutral Red Indicator C.I. 50040

Cas No: 553-24-2	Einecs: 209-035-8
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Minimum Assay: >65%
Molecular Formula: C₁₅H₁₀ClN₄
Molecular Weight: 288.78 g/mol
Melting Point: 290°C
Colour Transition: pH 6.8 (Red) - pH 8.0 (Yellow)

Code	Pack
RRBD77-T	5g

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Chemicals & Reagents

Nickel (Metal) Foil 0.15mm

Cas No: 7440-02-0	Einecs: 231-111-4		
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Molecular Formula: Ni
Molecular Weight: 58.69 g/mol
Boiling Point: 2732°C
Melting Point: 1453°C
Density at 25°C (g/cm³): 8.9
Resistivity: 6.97 μΩ-cm
Thickness: 0.15 mm

Code	Pack
NMF015-X	100g



Nickel Powder 99.85%

Cas No: 7440-02-0	Einecs: 231-111-4	UN3089	Flash Point: -3°C
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Minimum Assay: >99.85%
Molecular Formula: Ni
Molecular Weight: 58.71 g/mol
Boiling Point: 2732°C
Melting Point: 1453°C
Density at 25°C (g/cm³): 8.9
Resistivity: 6.97 μΩ-cm

Code	Pack
GPC4455-X	100g



Ninhydrin 99%

Cas No: 485-47-2	Einecs: 207-618-1		
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Minimum Assay 99%
Molecular Formula: C₉H₆O₄
Molecular Weight: 178.14 g/mol
Melting Point: 250°C
pH (1% soln 20°C): 4.6-5.0

Code	Pack
RRBD26136-T	5g
RRBD26136-W	25g

Nitric Acid 69%

Cas No: 7697-37-2	Einecs: 231-714-2	UN2031	
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Minimum Assay: >69%
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol
Boiling Point: 120.5°C
Density at 20°C (g/cm³): 1.413

Code	Pack
GPC9289-E	1L
GPC9289-F	2.5L
GPC9289-4F	4 x 2.5L



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Nitric Acid Solution 1.0M (1.0N)

Cas No: 7697-37-2	Einecs: 231-714-2	UN2031	
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Contains:

Nitric Acid: 1.0M (1.0N) +/- 1%
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol

Code	Pack
VM8113-E	1L

Nitric Acid Solution 2.0M (2.0N)

Cas No: 7697-37-2	Einecs: 231-714-2	UN2031	
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Contains:

Nitric Acid: 2.0M (2.0N) +/- 1%
Molecular Formula: HNO₃
Molecular Weight: 63.01 g/mol

Code	Pack
VM1182-E	1L

2-Nitrophenyl-beta-D-galactopyranoside 98%

Cas No: 369-07-3	Einecs: 206-716-1		
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Minimum Assay: >98%
Molecular Formula: C₁₂H₉N₃O₈
Molecular Weight: 301.25 g/mol
Melting Point: 192°C

Code	Pack
GPC6677-1GM	1g

Octan-1-ol 99%

Cas No: 111-87-5	Einecs: 203-917-6		Flash Point: 81°C
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Minimum Assay: >99%
Molecular Formula: C₈H₁₈O
Molecular Weight: 130.23 g/mol
Boiling Point: 193-195°C
Melting Point: -16°C
Density at 25°C (g/cm³): 0.827
Refractive Index: 1.429

Code	Pack
GPS5038-D	500ml

Octane 97%

Cas No: 111-65-9	Einecs: 203-892-1	UN1262	Flash Point: 13°C
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Minimum Assay: >97%
Molecular Formula: C₈H₁₈
Molecular Weight: 114.23 g/mol
Boiling Point: 125-126°C
Melting Point: -57°C
Density at 25°C (g/cm³): 0.703
Refractive Index: 1.398

Code	Pack
GPS6107-B	100ml



Chemicals & Reagents

1-Octene 97%

Cas No: 111-66-0	Einecs: 203-893-7	UN3295	Flash Point: 10°C
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Minimum Assay: >97%
Molecular Formula: C₈H₁₆
Molecular Weight: 112.21 g/mol
Boiling Point: 121°C
Melting Point: -102°C
Density at 25°C (g/cm³): 0.715
Refractive Index: 1.409



Code	Pack
GPS6117-B	100ml

Oleic Acid 75% Food Grade

Cas No: 112-80-1	Einecs: 204-007-1	UN1993	Flash Point: >113°C
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Minimum Assay: >75%
Molecular Formula: C₁₈H₃₄O₂
Molecular Weight: 282.47 g/mol
Boiling Point: 194-195°C
Melting Point: 13-14°C
Density at 25°C (g/cm³): 0.89
Refractive Index: 1.459

Code	Pack
GPC9306-D	500ml

Olive Oil BP

Cas No: 8001-25-0	Einecs: 232-277-0		Flash Point: 113°C
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FFA (oleic acid): Max. 1.0
Peroxide Value (meqO₂/kg): Max. 3.0
Density at 20°C (g/cm³): 0.910-0.913
Refractive index (20°C): 1.468-1.471
Iodine Value gI₂/100g: 75-95
Saponification Value mgKOH/g: 184-198
Unsaponifiable matter %: Max. 1.5

Code	Pack
GPC4978-C	250ml
GPC4978-D	500ml

Orcein Acetic (La Cour)

		UN2790	
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Contains:

Acetic Acid: <50%
Orcein Synthetic: <1%

Code	Pack
RRSP118-B	100ml

Orcein Synthetic

Cas No: 1400-62-0	Einecs: 215-750-6		
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Molecular Formula: C₂₄H₁₈N₂O₇
Molecular Weight: 500.51 g/mol
Absorption Ratio: 1.02 (0.98-1.15)
Wavelength of Max Absorption (NaOH 0.01M): 579nm (575-580nm)
Absorbance Absorptivity A 1%/1cm at λ_{max}: 331 (270-330)

Code	Pack
RRBD44-ST	5g

Oxalic Acid dihydrate 99.6%

Cas No: 6153-56-6	Einecs: 205-634-3		Flash Point: 157°C
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Minimum Assay 99.6%
Molecular Formula: C₂H₂O₄·2H₂O
Molecular Weight: 126.07 g/mol
Boiling Point: 149-160°C
Melting Point: 101°C
Density at 20°C (g/cm³): 1.65

Code	Pack
GPC8000-2X	250g
GPC8000-5X	500g



Pancreatin from Porcine Pancreas

Cas No: 8049-47-6	Einecs: 232-468-9		
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Pancreatin Activity Unit: 4NF
1NF Pancreatin contains the following activities:
Alpha-amylase >25 USP units/mg
Lipase >2 USP units/mg
Protease >25 USP units/mg



Code	Pack
GPC5544-X	100g

Paraffin Liquid Light

Cas No: 8012-95-1	Einecs: 232-384-2		Flash Point: 215°C
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SG: 0.830-0.860
Melting Point: -20°C
Refractive Index: 1.4613
Kinematic viscosity at 37.8°C: <30cS
Form: A clear colourless liquid

Code	Pack
GPC5324-D	500ml
GPC5324-E	1L
GPC5324-F	2.5L

Paraffin Oil BP

Cas No: 8012-95-1	Einecs: 232-384-2		Flash Point: 215°C
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Boiling Point: 300°C
Melting Point: -24°C
Density at 15°C (g/cm³): 0.874
Refractive Index: 1.473
Saybolt Colour: >30
Viscosity (at 100°C): 9.0 cst

Code	Pack
GPC5661-D	500ml
GPC5661-E	1L
GPC5661-F	2.5L

Paraffin Wax 44-48°C

Cas No: 8002-74-2	Einecs: 232-315-6		Flash Point: 113°C
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Form: Pastilles
Appearance:
Solid - at ambient temperature
Liquid - at elevated temperature

Melting Point/Congeeing Point: 44-48°C
Boiling Point: >300°C

Code	Pack
PW44-5X	500g

Paraffin Wax 56-60°C

Cas No: 8002-74-2	Einecs: 232-315-6		Flash Point: 113°C
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Form: Pastilles
Appearance:
Solid - at ambient temperature
Liquid - at elevated temperature

Melting Point/Congeeing Point: 56-58°C
Boiling Point: >300°C

Code	Pack
PW56-5X	500g
PW56-Y	1kg

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Chemicals & Reagents

Pentane 95% ACS

Cas No: 109-66-0 EINECS: 203-692-4 UN1265 Flash Point: -49°C



Minimum Assay: >95%
Molecular Formula: C₅H₁₂
Molecular Weight: 72.15 g/mol
Boiling Point: 36°C
Melting Point: -130°C
Density at 25°C (g/cm³): 0.626
Refractive Index: 1.356-1.360

Code	Pack
GPS1014-C	250ml
GPS1014-D	500ml

Pentanol 99% (Amyl Alcohol)

Cas No: 71-41-0 EINECS: 200-752-1 UN1105 Flash Point: 49°C



Minimum Assay: <99%
Molecular Formula: C₅H₁₂O
Molecular Weight: 88.15 g/mol
Boiling Point: 137.5°C
Melting Point: -78°C
Density at 25°C (g/cm³): 0.811
Refractive Index: 1.409

Code	Pack
GPS8968-C	250ml
GPS8968-D	500ml

Pepsin Powder 1:2500

Cas No: 9001-75-6 EINECS: 232-629-3



Typical Working Concentration: 1-2%
Optimum Working pH: 2-4.5
Working Temperature Range: 30-70°C
Substrate: Exposed Film, Skimmed milk or other protein suspensions
Product: Porcine Stomach
Shelf Life: 6 months (12 months in fridge)

Code	Pack
GPC6566-W	25g
GPC6566-X	100g

Peptone Bacteriological

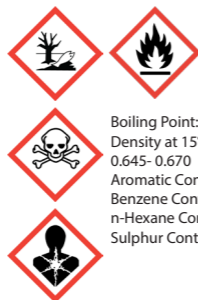
Cas No: 73049-73-7

Appearance: Cream powder
Solubility in water at 5%: Total
Clarity: Clear, pale straw colour
pH of 2% solution: 7.2 ± 0.2
Total Nitrogen: 12% ± 0.5
Amino Nitrogen: 5% ± 0.5

Code	Pack
VM0015-X	100g

Petroleum Ether 40-60

Cas No: 8032-32-4 EINECS: 232-453-7 UN1268 Flash Point: <0°C



Boiling Point: 40-60°C
Density at 15°C (g/cm³): 0.645-0.670
Aromatic Content: 100ppm
Benzene Content: 30ppm
n-Hexane Content: 2%
Sulphur Content: 1ppm

Code	Pack
GPS9037-D	500ml
GPS9037-E	1L
GPS9037-F	2.5L

Petroleum Ether 60-80

Cas No: 8032-32-4 EINECS: 232-453-7 UN1268 Flash Point: <0°C

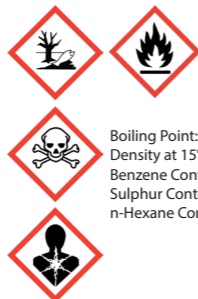


Boiling Point: 58°C
Density at 15°C (g/cm³): 0.675-0.730
Refractive Index at 20°C: 1.3820
Appearance: Clear and bright
Aromatics Content: 100ppm
Benzene Content: 5ppm

Code	Pack
GPS9038-D	500ml
GPS9038-E	1L
GPS9038-F	2.5L

Petroleum Ether 80-100

Cas No: 8032-32-4 EINECS: 232-453-7 UN1268 Flash Point: <0°C

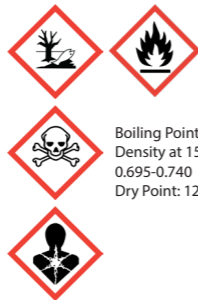


Boiling Point: 80°C-100°C
Density at 15°C (g/cm³): <0.66
Benzene Content: <30 ppm
Sulphur Content: <1 ppm
n-Hexane Content: 2% wt

Code	Pack
GPS9045-D	500ml
GPS9045-E	1L
GPS9045-F	2.5L

Petroleum Ether 100-120

Cas No: 8032-32-4 EINECS: 232-453-7 UN1268 Flash Point: <0°C



Boiling Point: 100-120°C
Density at 15°C (g/cm³): 0.695-0.740
Dry Point: 122°C

Code	Pack
GPS9039-D	500ml
GPS9039-E	1L
GPS9039-F	2.5L

Petroleum Jelly White

Cas No: 8009-03-8 EINECS: 232-3773-2 Flash Point: 185°C

Melting Point: 38-55°C
Density at 15°C (g/cm³): 0.82-0.865
Form: White Jelly

Code	Pack
GPC5220-5X	500g

Chemicals & Reagents

1,10-Phenanthroline Monohydrate, 99%

Cas No: 5144-89-8 EINECS: 200-629-2 UN2811



Minimum Assay: >99.0%
Molecular Formula: C₁₂H₈N₂·H₂O
Molecular Weight: 198.23 g/mol
Melting Point: 97-101°C

Code	Pack
GPC4804-T	5g

Phenol Detached Crystals 99% ACS

Cas No: 108-95-2 EINECS: 203-632-7 UN1671 Flash Point: 79°C



Minimum Assay: >99%
Molecular Formula: C₆H₆O
Molecular Weight: 94.11 g/mol
Boiling Point: 182°C
Melting Point: 43°C
Density at 20°C (g/cm³): 1.07
pH (5% soln 20°C): 5
Storage Temperature: 20-24°C

Code	Pack
GPC8008-2X	250g

Phenol Red 0.02% Alcoholic Indicator Solution

UN1170 Flash Point: 14°C



Contains:
Denatured Ethanol: 95%
Phenol Red: 0.02%

Code	Pack
IS3601-B	100ml

Phenol Red ACS

Cas No: 143-74-8 EINECS: 205-609-7

Minimum Assay: 99%
Molecular Formula: C₆H₆O
Molecular Weight: 354.38 g/mol
Melting Point: >300°C
Transition Range: pH 6.5 (Brown/Yellow) - pH 8.2 (Red/Violet)
Maximum Absorption (pH 6.5): 430-435nm
Absorptivity (E1%1cm Cell pH 6.5): 600-700
Maximum Absorption (pH 8.2): 557-560nm
Absorptivity (E1%1cm Cell pH 8.2): 1100-1200
Loss on Drying: <1%

Code	Pack
RRBD44-5T	5g

Phenolphthalein 0.5% Indicator Solution

UN1170 Flash Point: 24°C



Contains:
Denatured Ethanol: <50%
Phenolphthalein: <0.5%

Code	Pack
RRSP3012-B	100ml
RRSP3012-D	500ml
RRSP3012-F	2.5L

Phenolphthalein 1% Alcoholic Indicator Solution

UN1170 Flash Point: 24°C



Contains:
Denatured Ethanol: <95%
Phenolphthalein: <1%

Code	Pack
RRSP3010-B	100ml
RRSP3010-D	500ml

Phenolphthalein 99% ACS, BP

Cas No: 77-09-8 EINECS: 201-004-7



Minimum Assay: 98-102%
Molecular Formula: C₂₀H₁₄O₄
Molecular Weight: 318.32 g/mol
Melting Point: 258-263°C
Density at 20°C (g/cm³): 1.296

Code	Pack
RRBD25695-T	5g
RRBD25695-W	25g
RRBD25695-5X	500g

Phenyl Salicylate 99.0%

Cas No: 118-55-8 EINECS: 204-259-2 Flash Point: 113°C



Minimum Assay: >99.0%
Molecular Formula: C₁₄H₁₀O₂
Molecular Weight: 214.22 g/mol
Boiling Point: 172-174°C
Melting Point: 41-45°C

Code	Pack
GPC7113-X	100g
GPC7113-2X	250g
GPC7113-5X	500g

Phloroglucinol 99.3% Anhydrous

Cas No: 108-73-6 EINECS: 203-611-2



Minimum Assay: >99.3%
Molecular Formula: C₆H₆O₃
Molecular Weight: 126.11 g/mol
Melting Point: 215-220°C
Storage Temperature: <20°C

Code	Pack
GPC2233-W	25g

Phosphoric Acid 85% ACS, FG

Cas No: 7664-38-2 EINECS: 231-633-2 UN1805



Minimum Assay: 84.7-85%
Molecular Formula: H₃PO₄
Molecular Weight: 98.00 g/mol
Boiling Point: 158°C
Melting Point: 21°C
Density at 25°C (g/cm³): 1.685

Code	Pack
GPC9312-B	100ml
GPC9312-D	500ml
GPC9312-E	1L
GPC9312-F	2.5L

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Chemicals & Reagents

Phosphorus Red

Cas No: 7723-14-0	Einecs: 231-768-7	UN1338	
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Minimum Assay: >97%
Molecular Formula: P
Molecular Weight: 30.97 g/mol
Melting Point: 416°C
Density at 25°C (g/cm³): 2.34
Resistivity: 10 μΩ-cm

Code	Pack
GPC4268-W	25g

Polyvinyl Alcohol 98% mw 17,200

Cas No: 9002-89-5			
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Minimum Assay: 98%
Molecular Formula: (C₂H₄O)_n
Molecular Weight: ~17,200 g/mol
Viscosity: 3.6 mPa-s
Hydrolysis: 87.7%
Volatility: 3.3%
pH: 5.7

Code	Pack
GPC6722-2X	250g
GPC6722-5X	500g

Potassium Bicarbonate 99.9% FG

Cas No: 298-14-6	Einecs: 206-059-0		
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Min Assay >99%
Molecular Formula: KHCO₃
Molecular Weight: 100.12 g/mol
Density at 20°C (g/cm³): 2.17
pH (10% soln 20°C): 8.4-8.6

Code	Pack
GPC6901-5X	500g

Potassium Bromide 98.0-100.5% Ph Eur V

Cas No: 7758-02-3	Einecs: 231-830-3		
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Minimum Assay: >98.0-100.5%
Molecular Formula: KBr
Molecular Weight: 119.08 g/mol
Boiling Point: 1435°C
Melting Point: 730°C
Density at 20°C (g/cm³): 2.75
Refractive Index: 1.559

Code	Pack
GPC6945-5X	500g

Potassium Carbonate Anhydrous 99% ACS

Cas No: 584-08-7	Einecs: 209-529-3		
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Minimum Assay: 99%
Molecular Formula: K₂CO₃
Molecular Weight: 138.21 g/mol
Melting Point: 891°C
Density at 20°C (g/cm³): 2.43
pH (5% soln 20°C): 11.5-12.5

Code	Pack
GPC6899-5X	500g

Potassium Chlorate 99.7% ACS

Cas No: 3811-04-9	Einecs: 223-289-7	UN1485	
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Minimum Assay: 99.70%
Molecular Formula: KClO₃
Molecular Weight: 122.55 g/mol
Boiling Point: 400°C
Melting Point: 368°C
Density at 20°C (g/cm³): 2.32

Code	Pack
GPC9907-2X	250g
GPC9907-5X	500g

Potassium Chloride 99-100.5% ACS,FG,FCC

Cas No: 7447-40-7	Einecs: 231-211-8		
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Minimum Assay: >99.1%
Molecular Formula: KCl
Molecular Weight: 74.55 g/mol
Boiling Point: 1413°C
Melting Point: 773°C
Density at 25°C (g/cm³): 1.98
pH (5% soln 25°C): 5.5-8.5

Code	Pack
GPC8004-5X	500g
GPC8004-Y	1kg
GPC8004-3Y	3kg

Potassium Dichromate 99.7%

Cas No: 7778-50-9	Einecs: 231-906-6	UN3087	
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Minimum Assay: >99.7%
Molecular Formula: K₂Cr₂O₇
Molecular Weight: 294.18 g/mol
Melting Point: 398°C
Density at 20°C (g/cm³): 2.7
Calc as CrO₃: >67.8%
Calc as Cr: >35.2%

Code	Pack
GPC8022-2X	250g
GPC8022-5X	500g

Potassium dihydrogen Phosphate 99-102.00% Anhydrous ACS, FG

Cas No: 7778-77-0	Einecs: 231-913-4		
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Minimum Assay: >100.2%
Molecular Formula: KH₂PO₄
Molecular Weight: 136.09 g/mol
Melting Point: 252.6°C
Density at 25°C (g/cm³): 2.338
pH (2% soln 20°C): 4.2-4.6

Code	Pack
GPC8093-2X	250g
GPC8093-5X	500g

Potassium Ferricyanide 99.8% ACS

Cas No: 13746-66-2	Einecs: 237-323-3		
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Minimum Assay: >99.81%
Molecular Formula: K₃Fe(CN)₆
Molecular Weight: 329.25 g/mol
Density at 20°C (g/cm³): 1.85
pH (5% soln 20°C): 6

Code	Pack
GPC8024-X	100g
GPC8024-2X	250g
GPC8024-5X	500g

Chemicals & Reagents

Potassium Hexacyanoferrate (II) 99.9% ACS

Cas No: 14459-95-1	Einecs: 237-722-2		
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Minimum Assay: >99.99%
Molecular Formula: K₄Fe(CN)₆·3H₂O
Molecular Weight: 422.39 g/mol
Melting Point: 70°C
Density at 20°C (g/cm³): 1.850
pH (10% soln 20°C): 9.5

Code	Pack
GPC8023-2X	250g
GPC8023-5X	500g

Potassium Hydrogen Phthalate 99.5%

Cas No: 877-24-7	Einecs: 212-889-4		
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Minimum Assay: <99.5%
Molecular Formula: C₈H₅KO₄
Molecular Weight: 204.22 g/mol
Melting Point: 295-300°C
Density at 20°C (g/cm³): 1.64
pH (5% soln 20°C): 4.0
Insoluble matter: 0.003%
Loss on drying at 110°C: 0.2%

Code	Pack
GPC1740-X	100g
GPC1740-2X	250g
GPC1740-5X	500g

Potassium Hydroxide Pellets 85%

Cas No: 1310-58-3	Einecs: 215-181-3	UN1813	
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Minimum Assay: >99%
Molecular Formula: KOH
Molecular Weight: 56.11 g/mol
Melting Point: 361°C
Density at 20°C (g/cm³): 2.04
pH (5% soln 20°C): 14



Code	Pack
GPC8025-5X	500g
GPC8025-2Y	2kg
GPC8025-5Y	5Kg

Potassium Hydroxide Solution 1.0M (1.0N)

		UN1814	
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Contains:

Potassium Hydroxide: 1.0M (1.0N) +/- 1%



Molecular Formula: HKO
Molecular Weight: 56.11 g/mol

Code	Pack
VM5236-E	1L

Potassium Iodate 99% ACS

Cas No: 7758-05-6	Einecs: 231-831-9	UN1479	
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Molecular Formula: KIO₃
Molecular Weight: 214.0 g/mol
Melting Point: 560°C
Density at 25°C (g/cm³): 3.93
pH (5% soln 20°C): 6



Code	Pack
GPC8026-X	100g
GPC8026-2X	250g

Potassium Iodide 99.9% ACS

Cas No: 7681-11-0	Einecs: 231-659-4		
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Minimum Assay: >99%
Molecular Formula: KI
Molecular Weight: 166.0 g/mol
Boiling Point: 1325°C
Melting Point: 681°C
Density at 25°C (g/cm³): 3.23
pH (5% soln 20°C): 6.9

Code	Pack
GPC8111-X	100g
GPC8111-2X	250g
GPC8111-5X	500g
GPC8111-Y	1kg

Potassium Metabisulphite 97%

Cas No: 16731-55-8	Einecs: 240-795-3		
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Minimum Assay: >97.0%
Molecular Formula: K₂S₂O₅
Molecular Weight: 222.32 g/mol
Melting Point: 190°C
Density at 20°C (g/cm³): 2.34
pH (5% soln 20°C): 3.0-4.5

Code	Pack
GPC9925-5X	500g

Potassium Nitrate 99.5% ACS, FG

Cas No: 7757-79-1	Einecs: 231-818-8	UN1486	
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Minimum Assay: >99%
Molecular Formula: KNO₃
Molecular Weight: 101.11 g/mol
Boiling Point: 400°C
Melting Point: 334°C
pH (5% soln 20°C): 5.0-7.5

Code	Pack
GPC9401-5X	500g
GPC9401-Y	1kg

Potassium Oxalate Monohydrate 99.9% ACS

Cas No: 6487-48-5	Einecs: 209-506-8		
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Minimum Assay: >99.9%
Molecular Formula: C₂K₂O₄·H₂O
Molecular Weight: 184.23 g/mol
Melting Point: >300°C
Density at 20°C (g/cm³): 2.20
pH (5% soln 20°C): 7.0-8.5

Code	Pack
GPC223425-X	100g
GPC223425-2X	250g
GPC223425-5X	500g

Potassium Periodate 99.8% ACS

Cas No: 7790-21-8	Einecs: 232-196-0	UN3085	
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Minimum Assay: >99.8%
Molecular Formula: KIO₄
Molecular Weight: 230.0 g/mol
Melting Point: 582°C

Code	Pack
GPC210056-X	100g

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Chemicals & Reagents

Potassium Permanganate 99.0-100.5%

Cas No: 7722-64-7	Einecs: 231-760-3	UN1490
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Minimum Assay: 99.0-100.5%
Molecular Formula: $KMnO_4$
Molecular Weight: 158.03 g/mol
Melting Point: 240°C
Density at 20°C (g/cm³): 2.70
pH (2% soln 20°C): 7-9

Code	Pack
RRBD74-5X	500g

Potassium Permanganate Solution 0.02M (0.1N)

	UN3082
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Contains:

Potassium Permanganate: 0.02M (0.1N) +/- 1%

Code	Pack
VM5382-F	2.5L

Molecular Formula: $KMnO_4$
Molecular Weight: 158.03 g/mol

Potassium Permanganate Solution 0.2M (1.0N)

	UN3082
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Contains:

Potassium Permanganate: 0.2M (1.0N) +/- 1%

Code	Pack
VM5242-F	2.5L

Molecular Formula: $KMnO_4$
Molecular Weight: 158.03 g/mol

Potassium Persulphate 98%

Cas No: 7727-21-1	Einecs: 231-781-8	UN1492
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Minimum Assay: >98%
Molecular Formula: $K_2S_2O_8$
Molecular Weight: 270.32 g/mol
Melting Point: 100°C
Density at 20°C (g/cm³): 2.48
pH (5% soln 20°C): 3.2

Code	Pack
GPC9911-2X	250g
GPC9911-5X	500g

Potassium Sodium Tartrate Tetrahydrate 98%

Cas No: 6381-59-5	Einecs: 206-156-8
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Minimum Assay: >98%
Molecular Formula: $C_4H_4KNaO_6 \cdot 4H_2O$
Molecular Weight: 282.23 g/mol
Melting Point: 70-80°C
pH (5% soln 25°C): 7.0-8.5

Code	Pack
GPC9920-5X	500g

Potassium Sulphate 99.9% ACS

Cas No: 7778-80-5	Einecs: 231-915-5
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Minimum Assay: >99.9%
Molecular Formula: K_2SO_4
Molecular Weight: 174.25 g/mol
Boiling Point: 1689°C
Melting Point: 1069°C
Density at 20°C (g/cm³): 2.66

Code	Pack
GPC9296-5X	500g

Potassium Thiocyanate 98%

Cas No: 333-20-0	Einecs: 206-370-1
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Minimum Assay: 98%
Molecular Formula: $KSCN$
Molecular Weight: 97.18 g/mol
Boiling Point: >400°C
Melting Point: 172-175°C
Density at 20°C (g/cm³): 1.91
pH (5% soln 20°C): 5.3-8.5

Code	Pack
GPC5452-X	100g
GPC5452-2X	250g
GPC5452-5X	500g

Propan-1-ol 99.9% ACS

Cas No: 71-23-8	Einecs: 200-746-9	UN1274	Flash Point: 15°C
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Minimum Assay: >99.9%
Molecular Formula: C_3H_8O
Molecular Weight: 60.10 g/mol
Boiling Point: 96.5°C
Melting Point: -127°C
Density at 20°C (g/cm³): 0.804
Refractive Index: 1.85

Code	Pack
GPS9034-C	250ml
GPS9034-D	500ml
GPS9034-E	1L
GPS9034-F	2.5L

Propionaldehyde 97%

Cas No: 123-38-6	Einecs: 204-623-0	UN1275	Flash Point: -40°C
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Minimum Assay: >97%
Molecular Formula: C_3H_6O
Molecular Weight: 58.08 g/mol
Boiling Point: 46-50°C
Melting Point: -81°C
Density at 25°C (g/cm³): 0.805
Refractive Index: 1.3620

Code	Pack
GPC6948-B	100ml
GPC6948-C	250ml

Propionic Acid 99.5%

Cas No: 79-09-4	Einecs: 201-176-3	UN3463	Flash Point: 54°C
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Minimum Assay: >99.5%
Molecular Formula: $C_3H_6O_2$
Molecular Weight: 74.08 g/mol
Boiling Point: 141°C
Melting Point: -23°C
Density at 25°C (g/cm³): 0.993
Refractive Index: 1.386

Code	Pack
GPC8098-C	250ml
GPC8098-D	500ml

Chemicals & Reagents

Propylene Glycol 99.80% ACS

Cas No: 57-55-6	Einecs: 200-338-0	Flash Point: 103°C
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Minimum Assay: >99.80%
Molecular Formula: $C_3H_8O_2$
Molecular Weight: 76.10 g/mol
Boiling Point: 186-188°C
Melting Point: -60°C
Density at 25°C (g/cm³): 1.036
Refractive Index: 1.432

Code	Pack
GPC7656-D	500ml

Purified Water BP

Cas No: 7732-18-5	Einecs: 231-791-2
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Minimum Assay: >99.99%
Molecular Formula: H_2O
Molecular Weight: 18.02 g/mol
Boiling Point: 100°C
Melting Point: 0°C
Density at 3.98°C (g/cm³): 1.00
Refractive Index: 1.34
Resistivity: >10 MΩ-cm

Code	Pack
GPC9600-G	5L

Pyridine, ACS

Cas No: 110-86-1	Einecs: 203-809-9	UN1282	Flash Point: 17°C
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Minimum Assay: >99%
Molecular Formula: C_5H_5N
Molecular Weight: 79.10 g/mol
Boiling Point: 115°C
Melting Point: -42°C
Density at 25°C (g/cm³): 0.978
Refractive Index: 1.509

Code	Pack
AA19378-B	100ml

Resazurin Tablets

Cas No: 550-82-3	Einecs: 208-987-1
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Molecular Formula: $C_{12}H_7NO_4$
Molecular Weight: 229.19 g/mol

Code	Pack
AE00-002	100 pack

Resorcinol 99% ACS

Cas No: 108-46-3	Einecs: 203-585-2	UN2876	Flash Point: 127°C
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Minimum Assay: 99-100.5%
Molecular Formula: $C_6H_4O_2$
Molecular Weight: 110.11 g/mol
Boiling Point: 281°C
Melting Point: 111°C
Density at 20°C (g/cm³): 1.28
pH (10% soln 20°C): 4-6

Code	Pack
GPC8007-W	25g
GPC8007-2W	50g
GPC8007-X	100g

Rock Salt (Sodium Chloride)

Cas No: 7647-14-5	Einecs: 231-598-3
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Molecular Formula: $NaCl$
Molecular Weight: 58.43 g/mol
Boiling Point: 1461°C
Melting Point: 801°C
Density at 20°C (g/cm³): 2.17
pH: 5.0-9.0 (5% soln 25°C)

Code	Pack
GPC7333-Y	1kg
GPC7333-3Y	3kg
GPC7333-5Y	5Kg
GPC7333-10Y	10kg

Safranin 1% Aqueous

Cas No: 7681-11-0	Einecs: 231-659-4
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Contains:

Denatured Ethanol: <10%
Safranin: 1%

Code	Pack
RRSP137-B	100ml

Safranin O C.I. 50240

Cas No: 477-73-6	Einecs: 207-518-8
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Dye Content: >95%
Molecular Formula: $C_{20}H_{19}ClN_4$
Molecular Weight: 350.85 g/mol
Maxium Absorptivity (in 50:50 Ethanol:Water): 530nm
Absorptivity (E1% in 1cm cell Ethanol:Water): 1562
Loss on drying: <3.52%

Code	Pack
RRBD83-T	5g

Salicylic Acid 99.5% ACS

Cas No: 69-72-7	Einecs: 200-712-3	Flash Point: 157°C
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Minimum Assay: >99.5%
Molecular Formula: $C_7H_6O_3$
Molecular Weight: 138.12 g/mol
Boiling Point: 211°C
Melting Point: 158.5-160°C
Density at 20°C (g/cm³): 1.443

Code	Pack
GPC9940-X	100g
GPC9940-5X	500g

Sand, Acid Washed

Cas No: 14808-60-7

Contains: Silica Sand

SiO₂: 99.7%
Al₂O₃: 0.11%
Fe₂O₃: 0.02%
CaO: 0.04%
K₂O: 0.02%
Na₂O: <0.02%
TiO₂: 0.03%

Code	Pack
GPC9932-Y	1kg
GPC9932-5Y	5kg

Sebacoyl Chloride 5% in Cyclohexane

	UN1145
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Contains:

Sebacoyl Chloride: 5%
Cyclohexane

Code	Pack
GPS1876-B	100ml

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Chemicals & Reagents

Silica Gel Self Indicating (Blue)

Cas No: 112926-00-8 EINECS: 231-545-4
 Form: Dark Blue Crystals (Course)
 Boiling Point: 2230°C
 Melting Point: >1600°C
 Solubility: Insoluble in Water
 Loss on drying at 150°C: Approx 2.5%
 Water absorption capacity (24 hr 80% relative humidity): <30%
 Mesh size: 5-8 Mesh

Code	Pack
GPC5690-5X	500g
GPC5690-Y	1kg

Silver Nitrate 2% in Nitric Acid 2% Solution

UN3082



Contains:
 Silver Nitrate: <2%
 Nitric Acid: <2%

Code	Pack
GPC9875-D	500ml

Silver Nitrate 99.9% ACS

Cas No: 7761-88-8 EINECS: 231-853-9 UN1493



Minimum Assay: >99.9%
 Molecular Formula: AgNO₃
 Molecular Weight: 169.87 g/mol
 Boiling Point: 444°C
 Melting Point: 212°C
 Density at 20°C (g/cm³): 4.35
 pH (10% soln 20°C): 5.4-6.4

Code	Pack
GPC8109-U	10g
GPC8109-W	25g
GPC8109-2W	50g
GPC8109-X	100g

Silver Nitrate Solution 0.1M (0.1N)

Cas No: 7761-88-8 EINECS: 231-853-9 UN3082



Contains:
 Silver Nitrate: 0.1M (0.1N) +/- 1%
 Molecular Formula: AgNO₃
 Molecular Weight: 169.87 g/mol

Code	Pack
VM1020-D	500ml
VM1020-E	1L
VM1020-F	2.5L

Soap Solution (Wanklyn's)

Cas No: 333-20-0 EINECS: 206-370-1 UN1170



Contains:
 Soap Flakes: <1%
 Industrial Methylated Spirits
 99.5%: <50%

Code	Pack
GPC4811-E	1L
GPC4811-F	2.5L

Soda Lime Self Indicating

Cas No: 8006-28-8 UN1907



Molecular Formula: CaO/NaOH
 Appearance: Light Pink Granules
 Loss on drying: 10-15%
 Carbon Dioxide Absorption: >19%
 Hygroscopicity: <7.5%

Code	Pack
GPC2665-5X	500g

Sodium Acetate Anhydrous 99% ACS

Cas No: 127-09-3 EINECS: 204-823-8 Flash Point: >250°C

Minimum Assay: >99.5%
 Molecular Formula: NaOOCCH₃
 Molecular Weight: 82.03 g/mol
 Boiling Point: >400°C
 Melting Point: 324°C
 Density at 20°C (g/cm³): 1.52
 pH (3% soln 20°C): 7.5-9.2

Code	Pack
GPC2234-5X	500g

Sodium Acetate Trihydrate 99.5% ACS, USP, Ph Eur

Cas No: 6131-90-4 EINECS: 204-823-8

Minimum Assay: >99%
 Molecular Formula: NaOOCCH₃·3H₂O
 Molecular Weight: 136.08 g/mol
 Melting Point: 58°C
 Density at 20°C (g/cm³): 1.42
 pH (5% soln 20°C): 7.5-9.2

Code	Pack
GPC8028-5X	500g

Sodium Alginate 98%

Cas No: 9005-38-3

Particle Size (through 120 mesh): >98%
 Ash: 18-27
 pH (1% Solution): 6-8
 Viscosity (1% sol, 20°C, spindle 4, 60rpm): Min 400 mPas
 Loss on drying: <15%

Code	Pack
GPC1500-W	25g
GPC1500-2W	50g
GPC1500-X	100g

Sodium Benzoate 99.9% USP, BP, Ph. EUR

Cas No: 532-32-1 EINECS: 208-534-8 Flash Point: >100°C



Minimum Assay: >99%
 Molecular Formula: C₆H₅COONa
 Molecular Weight: 144.11 g/mol
 Melting Point: >300°C
 Density at 20°C (g/cm³): 1.440
 pH (14% soln 25°C): 7.0-8.5
 Solubility in Water (% weight):
 55.6% at 20°C

Code	Pack
GPC9342-2X	250g

Sodium Bromide 99.4% ACS

Cas No: 7647-15-6 EINECS: 231-599-9

Minimum Assay: >99.4%
 Molecular Formula: NaBr
 Molecular Weight: 102.89 g/mol
 Boiling Point: 1380°C
 Melting Point: 755°C
 Density at 25°C (g/cm³): 3.2
 Refractive Index: 1.6412

Code	Pack
GPC9436-2X	250g
GPC9436-5X	500g

Chemicals & Reagents

Sodium Carbonate Anhydrous 99.3%

Cas No: 497-19-8 EINECS: 207-838-8



Minimum Assay: >99.3%
 Molecular Formula: Na₂CO₃
 Molecular Weight: 105.99 g/mol
 Boiling Point: 1600°C
 Melting Point: 854°C
 Density at 20°C (g/cm³): 2.53
 pH (10% soln 25°C): 12

Code	Pack
GPC6895-5X	500g
GPC6895-Y	1kg
GPC6895-3Y	3kg

Sodium Chlorate 99%

Cas No: 7775-09-9 EINECS: 231-887-4 UN1495 Flash Point: 17°C



Minimum Assay: >99%
 Molecular Formula: NaClO₃
 Molecular Weight: 106.45 g/mol
 Melting Point: 248°C
 Density at 15°C (g/cm³): 2.5
 pH (5% soln 20°C): 5-7

Code	Pack
GPC6871-5X	500g

Sodium Chloride 99.9% BP, ACS, Ph Eur, FCC

Cas No: 7647-14-5 EINECS: 231-598-3

Minimum Assay: >99.9%
 Molecular Formula: NaCl
 Molecular Weight: 58.44 g/mol
 Boiling Point: 1461°C
 Melting Point: 801°C
 Density at 20°C (g/cm³): 2.17
 pH (10% soln 20°C): 4.5-7.0

Code	Pack
GPC8030-5X	500g
GPC8030-Y	1kg
GPC8030-3Y	3kg
GPC8030-5Y	5kg
GPC8030-10Y	10kg

Sodium Dichromate Dihydrate 98%

Cas No: 7789-12-0 EINECS: 234-190-3 UN3086



Minimum Assay: >98%
 Molecular Formula: Cr₂Na₂O·2H₂O
 Molecular Weight: 298.0 g/mol
 Melting Point: 91°C
 Density at 20°C (g/cm³): 2.35
 pH (10% soln 20°C): 3.5

Code	Pack
GPC8090-5X	500g

Sodium Dihydrogen Phosphate Dihydrate 99.6%

Cas No: 13472-35-0 EINECS: 231-449-2

Minimum Assay: >99.6%
 Molecular Formula: NaH₂PO₄·2H₂O
 Molecular Weight: 156.01 g/mol
 Melting Point: 60°C
 Density at 20°C (g/cm³): 1.915

Code	Pack
GPC8045-2X	250g
GPC8045-5X	500g

Sodium Dithionite ACS (Sodium Hydrosulfite)

Cas No: 7775-14-6 EINECS: 231-890-0 UN1384 Flash Point: 101°C



Minimum Assay: >85%
 Molecular Formula: Na₂S₂O₄
 Molecular Weight: 174.11 g/mol
 Melting Point: 52°C
 Density at 20°C (g/cm³): 2.5
 pH (5% soln 20°C): 5.5-8.5

Code	Pack
GPC9937-5X	500g

Sodium Dodecyl Sulfate 98% Ultrapure

Cas No: 151-21-3 EINECS: 205-788-1 UN2926 Flash Point: 180°C



Minimum Assay >99%
 Molecular Formula: C₁₂H₂₅NaO₄S
 Molecular Weight: 288.38 g/mol
 Melting Point: 206°C
 Density at 20°C (g/cm³): 1.1
 pH (1% soln 20°C): 6-9

Code	Pack
GPC1000-2X	250g

Sodium Fluoride 97.0%

Cas No: 7681-49-4 EINECS: 231-667-8 UN1690



Minimum Assay: >97.0%
 Molecular Formula: NaF
 Molecular Weight: 41.99 g/mol
 Boiling Point: 1704°C
 Melting Point: 993°C
 Density at 20°C (g/cm³): 2.8
 pH (4% soln 20°C): 10.2

Code	Pack
GPC7745-X	100g
GPC7745-5X	500g

Sodium Formate 99.1%

Cas No: 141-53-7 EINECS: 205-488-0 Flash Point: 180°C

Minimum Assay: >99.1%
 Molecular Formula: HCOONa
 Molecular Weight: 68.01 g/mol
 Melting Point: 259-262°C
 Density at 20°C (g/cm³): 1.92
 pH (5% soln 20°C): 7.90

Code	Pack
GPC9914-5X	500g

Sodium Hexametaphosphate (Graham's Salt)

Cas No: 68915-31-1 EINECS: 272-808-3



Minimum Assay: >68%
 Molecular Formula: (NaPO₃)₆ (mainly)
 Molecular Weight: 611.78 g/mol
 Boiling Point: 1500°C
 Melting Point: 628°C

Code	Pack
GPC9923-5X	500g

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Chemicals & Reagents

Sodium Hydrogen Carbonate 99% ACS,EP,USP

Cas No: 144-55-8	Einecs: 205-633-8		
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Minimum Assay: 99.0-100.5%
Molecular Formula: NaHCO₃
Molecular Weight: 84.01 g/mol
Melting Point: >300°C
Density at 20°C (g/cm³): 2.22
pH (5% soln 20°C): <8.6

Code	Pack
GPC6897-5X	500g
GPC6897-Y	1kg
GPC6897-3Y	3kg

Sodium Hydrogen Sulphate 92%

Cas No: 7681-38-1	Einecs: 231-665-7		
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Minimum Assay: 92.0-95.2%
Molecular Formula: H₂SO₄
Molecular Weight: 98.08 g/mol
Melting Point: 10°C
Density at 20°C (g/cm³): 1.84
pH (5% soln 20°C): 1.0
Colour: White - Off White

Code	Pack
GPC88005-2X	250g
GPC88005-5X	500g
GPC88005-Y	1kg

Sodium Hydroxide Pearl 99%

Cas No: 1310-73-2	Einecs: 215-185-5	UN1823	
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Total Alkalinity (NaOH/kg): 99.0%
Molecular Formula: NaOH
Molecular Weight: 40.0 g/mol
Melting Point: 318.4°C
Density at 20°C (g/cm³): 2.13
pH (10% soln 20°C): >14

Code	Pack
GPC8035-5X	500g
GPC8035-Y	1kg
GPC8035-3Y	3kg

Sodium Hydroxide Pellets 99.9% ACS

Cas No: 1310-73-2	Einecs: 215-185-5	UN1823	
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Minimum Assay: 97.0-100.5%
Molecular Formula: NaOH
Molecular Weight: 40.0 g/mol
Melting Point: 318.4°C
Density at 20°C (g/cm³): 2.13
pH (10% soln 20°C): >14

Code	Pack
GPC8036-5X	500g
GPC8036-Y	1kg

Sodium Hydroxide Solution 0.1M (0.1N)

Contains:

Sodium Hydroxide : 0.1M (0.1N) +/- 1%

Molecular Formula: NaOH
Molecular Weight: 40.0

Code	Pack
VM1015-F	2.5L
VM1015-G	5L

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Sodium Hydroxide Solution 1.0M (1.0N)

		UN1824	
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Contains:

Sodium Hydroxide Solution: 1.0M (1.0N) +/- 1%

Molecular Formula: NaOH
Molecular Weight: 40.0 g/mol

Code	Pack
VM1010-E	1L
VM1010-F	2.5L
VM1010-G	5L

Sodium Hydroxide Solution 2.0M (2.0N)

		UN1824	
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Contains:

Sodium Hydroxide : 2.0M (2.0N) +/- 0.2%

Molecular Formula: NaOH
Molecular Weight: 40.0

Code	Pack
VM5613-E	1L

Sodium Hydroxide Solution 40%

		UN1824	
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Molecular Formula: NaOH
Molecular Weight: 40.0 g/mol
Concentration: 40% in H₂O
Density at 25°C (g/cm³): 1.515

Code	Pack
GPC9033-E	1L
GPC9033-F	2.5L
GPC9033-G	5L

Sodium Hypochlorite 14%

Cas No: 7681-52-9	Einecs: 231-668-3	UN1791	
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Available Chlorine: >14%
Molecular Formula: NaClO
Molecular Weight: 74.44 g/mol
Boiling Point: 102°C
Melting Point: -20°C
Density at 20°C (g/cm³): 1.22-1.25
Refractive Index: 1.3870
Sodium Hydroxide (NaOH): 0.2-1%

Code	Pack
GPC9939-D	500ml
GPC9939-E	1L
GPC9939-F	2.5L
GPC9939-G	5L

Sodium Iodate 99.1%

Cas No: 7681-55-2	Einecs: 231-672-5	UN1479	
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Minimum Assay: >99.1%
Molecular Formula: NaIO₃·H₂O
Molecular Weight: 215.91 g/mol
Melting Point: 75°C
Density at 25°C (g/cm³): 4.28
pH (9% soln 25°C): 5.8

Code	Pack
GPC8037-2W	50g
GPC8037-X	100g



Chemicals & Reagents

Sodium Iodide 99.5-100.5% BP

Cas No: 7681-82-5	Einecs: 231-679-3	UN3077	
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Minimum Assay: 99.5 - 100.5%
Molecular Formula: NaI
Molecular Weight: 149.89 g/mol
Boiling Point: 1300°C
Melting Point: 651°C
Density at 20°C (g/cm³): 3.67
pH (5% soln 20°C): 6-9
Refractive Index: 1.7745



Code	Pack
GPC8047-X	100g
GPC8047-2X	250g

Sodium Metabisulphite 97-100.5% BP

Cas No: 7681-57-4	Einecs: 231-673-0		
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Minimum Assay: >95%
Assay as SO₂: >64%
Molecular Formula: Na₂O₂S₂
Molecular Weight: 190.10 g/mol
Melting Point: >300°C
Density at 20°C (g/cm³): 1.480
pH (5% soln 20°C): 4.5



Code	Pack
GPC7107-5X	500g

Sodium Metasilicate Anhydrous

Cas No: 6834-92-0	Einecs: 229-912-9	UN3253	
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Molecular Formula: Na₂O₂Si
Molecular Weight: 122.06 g/mol
Melting Point: 1090°C
Density at 20°C (g/cm³): 2.61
pH (1% soln 20°C): 12.5
Silicon Dioxide: 45.0-47.0%
Sodium Oxide: 49.5-51.5%



Code	Pack
GPC6904-5X	500g

Sodium Metasilicate Pentahydrate

Cas No: 10213-79-3	Einecs: 229-912-9	UN3253	
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Molecular Formula: Na₂SiO₅·5H₂O
Molecular Weight: 212.14 g/mol
Melting Point: 72°C
Density at 20°C (g/cm³): 1.75



Code	Pack
GPC6095-5X	500g

Sodium Molybdate Dihydrate 98%

Cas No: 10102-40-6	Einecs: 231-551-7		
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Minimum Assay: <98%
Molecular Formula: Na₂MoO₄·2H₂O
Molecular Weight: 241.95 g/mol
Melting Point: 100°C
Density at 22°C (g/cm³): 2.71
pH (5% soln 25°C): 7.0-10.5

Code	Pack
GPC9807-2W	50g

Sodium Nitrate 99.5%

Cas No: 7631-99-4	Einecs: 231-554-3	UN1498	
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Minimum Assay: >99.5%
Molecular Formula: NaNO₃
Molecular Weight: 84.99 g/mol
Melting Point: 308°C
Density at 20°C (g/cm³): 2.26
pH (5% soln 20°C): 5.5-8.0
Contains Anti-Caking Agent



Code	Pack
GPC9297-5X	500g
GPC9297-Y	1kg

Sodium Nitrite 99.5%

Cas No: 7632-00-0	Einecs: 231-555-9	UN1500	
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Minimum Assay: >99.0 - 99.5%
Molecular Formula: NaNO₂
Molecular Weight: 69.0 g/mol
Melting Point: 280°C
Density at 20°C (g/cm³): 2.1
pH (10% soln 20°C): 9
Contains Anti-Caking Agent



Code	Pack
GPC7102-2X	250g
GPC7102-5X	500g

Sodium Oxalate 99.5%

Cas No: 62-76-0	Einecs: 200-550-3		
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Minimum Assay: >99.5%
Molecular Formula: Na₂C₂O₄
Molecular Weight: 134.0 g/mol
Melting Point: 250-270°C
Density at 20°C (g/cm³): 2.27
pH (3% soln 20°C): 8

Code	Pack
GPC6854-X	100g
GPC6854-2X	250g
GPC6854-5X	500g

Sodium Persulphate 99% ACS

Cas No: 7775-27-1	Einecs: 231-892-1	UN1505	
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Minimum Assay: >99.0%
Molecular Formula: Na₂S₂O₈
Molecular Weight: 238.10 g/mol
Density at 20°C (g/cm³): 1.68
pH (10% soln 20°C): 3.5-3.8



Code	Pack
GPC1054-2X	250g

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Chemicals & Reagents

Sodium Salicylate 99.5%

Cas No: 54-21-7	Einecs: 200-198-0		
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Minimum Assay: >99.5%
Molecular Formula: $\text{HO}_2\text{C}_6\text{H}_4\text{COONa}$
Molecular Weight: 160.10 g/mol
Melting Point: >300°C
Density at 20°C (g/cm^3): 0.32
pH (10% soln 20°C): 6.5

Code	Pack
GPC5523-2X	250g

Sodium Silicate Solution 40% 0084

Cas No: 1344-09-8	Einecs: 215-687-4	UN3266	
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Total alkali (as Na_2O): 9.2-9.7%
Wt ratio SiO_2 : Na_2O : 3.18-3.28
Density at 20°C (g/cm^3): 1.410-1.430
Equivalent twadell: 82.0-86.0
Viscosity at 20°C: 650-1200 cps

Code	Pack
GPC5272-F	2.5L

Sodium Sulphate 98% Anhydrous ACS

Cas No: 7757-82-6	Einecs: 231-820-9		
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Minimum Assay: >98%
Molecular Formula: Na_2SO_4
Molecular Weight: 142.04 g/mol
Melting Point: 884°C
Density at 25°C (g/cm^3): 2.68
pH (5% soln 25°C): 5.2-9.2

Code	Pack
GPC9915-5X	500g
GPC9915-Y	1kg

Sodium Sulphate Decahydrate

Cas No: 7727-73-3	Einecs: 231-820-9	UN1823	
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Minimum Assay: 99%
Molecular Formula: $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$
Molecular Weight: 322.19 g/mol
Melting Point: 32.4°C
Density at 25°C (g/cm^3): 1.464
pH (5% soln 25°C): 5.2-8.0

Code	Pack
GPC1491-Y	1kg

Sodium Sulphide Flake

Cas No: 27610-45-3	Einecs: 215-211-5	UN1849	
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Molecular Formula: $\text{Na}_2\text{S} \cdot x\text{H}_2\text{O}$
Molecular Weight: 78.04 g/mol
Melting Point: 50°C

Code	Pack
GPC1830-X	100g

Sodium Sulphite Anhydrous 98% ACS

Cas No: 7757-83-7	Einecs: 231-821-4		
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Minimum Assay: >98%
Molecular Formula: Na_2SO_3
Molecular Weight: 126.05 g/mol
Melting Point: 884°C
Density at 20°C (g/cm^3): 2.63
pH (5% soln 20°C): 8.8-10

Code	Pack
GPC9801-5X	500g

Sodium Thiosulphate Anhydrous

Cas No: 7772-98-7	Einecs: 231-867-5		
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Minimum Assay: >99.0%
Molecular Formula: $\text{Na}_2\text{S}_2\text{O}_3$
Molecular Weight: 158.10 g/mol
Melting Point: 48°C
Density at 20°C (g/cm^3): 1.67
pH (5% soln 20°C): 6.0-8.5

Code	Pack
GPC8126-5X	500g
GPC8126-Y	1kg
GPC8126-3Y	3kg

Sodium Thiosulphate Pentahydrate 99%

Cas No: 10102-17-7	Einecs: 231-867-5		
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Minimum Assay: >99.0%
Molecular Formula: $\text{Na}_2\text{S}_2\text{O}_5 \cdot 5\text{H}_2\text{O}$
Molecular Weight: 241.17 g/mol
Melting Point: 48°C
Density at 20°C (g/cm^3): 1.74
pH (10% soln 20°C): 6.0-7.5

Code	Pack
GPC5273-5X	500g
GPC5273-Y	1kg
GPC5273-3Y	3kg
GPC5273-5Y	5kg

Sodium Thiosulphate Solution 0.1M (0.1N)

Contains:

Sodium Thiosulphate Solution: 0.1M (0.1N) +/-0.1%

Molecular Formula: $\text{Na}_2\text{S}_2\text{O}_3$
Molecular Weight: 158.10 g/mol

Code	Pack
VM0069-F	2.5L
VM0069-G	5L

Starch Soluble (Maize)

Cas No: 9005-84-9	Einecs: 232-686-4		
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Moisture: <15%
pH value: 3.5 - 7.0
MVA Viscosity End: 700 - 1200 MVU
Protein: <0.1% (ISO 3188)
Ash: <0.35% (ISO 3593)
Total Viable Count: <10,000/g
(Incubation at 30°C for 3 days)
Yeast and Moulds: <200/g
(Culture at 25°C for 5 days)
Certified Food Grade

Code	Pack
GPC8082-5X	500g

Chemicals & Reagents

Starch Soluble (Potato)

Cas No: 9005-84-9	Einecs: 232-686-4		
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Molecular Formula: $(\text{C}_6\text{H}_{10}\text{O}_5)_n$
Solubility in water (% weight): Insoluble in water
Sensitivity: Passes test
Loss on drying at 105°C: <7.1%
Chloride (Cl): <0.03%
Sulphated ash: <0.2%
Acidity: 1.0 ml N/1%

Code	Pack
GPC8081-5X	500g

Stearic Acid

Cas No: 57-11-4	Einecs: 200-313-4	Flash Point: 196°C	
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Minimum Assay: >98%
Molecular Formula: $\text{C}_{18}\text{H}_{36}\text{O}_2$
Molecular Weight: 284.48 g/mol
Melting Point: 69-72°C
Boiling Point: 232°C
Density at 20°C (g/cm^3): 0.941

Code	Pack
GPC9654-2X	250g
GPC9654-5X	500g

Strontium Chloride Hexahydrate 99.68% EP

Cas No: 10025-70-4	Einecs: 233-971-6		
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Minimum Assay: 99.68%
Molecular Formula: $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight: 266.62 g/mol
Melting Point: 61°C
Density at 20°C (g/cm^3): 1.93
pH (5% soln 25°C): 5-7
Refractive Index: 1.650

Code	Pack
GPC5275-X	100g
GPC5275-2X	250g

Strontium Nitrate Anhydrous

Cas No: 10042-76-9	Einecs: 233-131-9	UN1507	
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Molecular Formula: $\text{Sr}(\text{NO}_3)_2$
Molecular Weight: 211.63 g/mol
Boiling Point: 645°C
Melting Point: 570°C
Density at 20°C (g/cm^3): 2.986
pH (5% soln 20°C): 5-7

Code	Pack
GPC9963-2X	250g

Styrene 99% Stabilised

Cas No: 100-42-5	Einecs: 202-851-5	UN2055	Flash Point: 31°C
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Minimum Assay: >99%
Molecular Formula: C_8H_8
Molecular Weight: 104.15 g/mol
Boiling Point: 145-146°C
Melting Point: -31°C
Density at 25°C (g/cm^3): 0.906
Refractive Index: 1.5460
Stabilised with 4-tert-butylcatechol

Code	Pack
GPS7701-B	100ml
GPS7701-D	500ml

Succinic Acid

Cas No: 110-15-6	Einecs: 203-740-4	Flash Point: 206°C	
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Minimum Assay: 99%
Molecular Formula: $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CO}_2\text{H}$
Molecular Weight: 118.09 g/mol
Boiling Point: 235°C
Melting Point: 186-188°C
Density at 20°C (g/cm^3): 1.56
pH (1% soln 20°C): 2.7

Code	Pack
GPC1019-X	100g

Sucrose ACS,FG

Cas No: 57-50-1	Einecs: 200-334-9		
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Molecular Formula: $\text{C}_{12}\text{H}_{22}\text{O}_{11}$
Molecular Weight: 342.3 g/mol
Melting Point: 185-187°C
Colour (Solution): <32 ICUMSA Units
Insoluble Matter: 5-10mg/Kg
Particle Size: mean um 450-600, CV(%): 25-35

Code	Pack
GPC0099-Y	1kg
GPC0099-3Y	3kg

Microbiological:
Yeasts: <50 per g
Moulds: <50 per g
Mesophilic Bacteria: <1200 per g

Sudan III 0.5% in 70% IMS

		UN1170	
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Contains:

Ethanol: <70%
Sudan III: <1%

Code	Pack
RRSP244-B	100ml

Sudan III C.I.26100

Cas No: 85-86-9	Einecs: 201-638-4		
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Dye Content: >85%
Molecular Formula: $\text{C}_{22}\text{H}_{16}\text{N}_4\text{O}$
Molecular Weight: 352.39 g/mol
Melting Point: 199°C

Code	Pack
RRBD26-U	10g

Sulphamic Acid 99.5% ACS

Cas No: 5329-14-6	Einecs: 226-218-8	UN2967	
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Minimum Assay: >99.5%
Molecular Formula: $\text{H}_2\text{NSO}_3\text{H}$
Molecular Weight: 97.09 g/mol
Melting Point: 205°C
Density at 25°C (g/cm^3): 2.151
pH (1% soln 20°C): 1.5

Code	Pack
GPC9293-5X	500g

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Chemicals & Reagents

Sulphanilic Acid 99%

Cas No: 121-57-3	Einecs: 204-482-5		
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Minimum Assay: >99%
Molecular Formula: C₆H₇NO₂S
Molecular Weight: 173.2 g/mol
Melting Point: >300°C
Density at 20°C (g/cm³): 1.48

Code	Pack
GPC9700-X	100g

Sulphur Powder

Cas No: 7704-34-9	Einecs: 231-722-6	UN1350	Flash Point: 207°C
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Minimum Assay: >99%
Molecular Formula: S
Molecular Weight: 32.06 g/mol
Boiling Point: 444°C
Melting Point: 117-120°C
Density at 25°C (g/cm³): 2.07
Resistivity: 2E23 μΩ-cm

Code	Pack
GPC8844-SX	500g
GPC8844-Y	1kg

Sulphuric Acid 96%

Cas No: 7664-93-9	Einecs: 231-639-5	UN1830	
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Minimum Assay: 95.5-97%
Molecular Formula: H₂SO₄
Molecular Weight: 98.07 g/mol
Boiling Point: ~290°C
Melting Point: 3°C
Density at 25°C (g/cm³): 1.840

Code	Pack
GPC9000-E	1L
GPC9000-F	2.5L

Sulphuric Acid Solution 0.05M (0.1N)

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Contains:

Sulphuric Acid: 0.05M (0.1N) +/- 1%

Molecular Formula: H₂SO₄
Molecular Weight: 98.08 g/mol

Code	Pack
VM1016-E	1L
VM1016-F	2.5L

Sulphuric Acid Solution 0.5M (1.0N)

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Contains:

Sulphuric Acid: 0.5M (1.0N) +/- 1%

Molecular Formula: H₂SO₄
Molecular Weight: 98.08 g/mol

Code	Pack
VM1014-E	1L
VM1014-F	2.5L

Sulphuric Acid Solution 1.0M (2.0N)

		UN2796	
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Contains:

Sulphuric Acid: 1.0M (2.0N) +/- 1%

Molecular Formula: H₂SO₄
Molecular Weight: 98.08 g/mol

Code	Pack
VM5336-E	1L

Sulphuric Acid Solution 2.0M (4.0N)

		UN2796	
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Contains:

Sulphuric Acid: 2.0M (4.0N) +/- 1%

Molecular Formula: H₂SO₄
Molecular Weight: 98.08 g/mol

Code	Pack
VM5281-E	1L

Talcum Powder Fine Extra Pure

Cas No: 14807-96-6	Einecs: 238-877-9		
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Molecular Formula: 3MgO·4SiO₂·H₂O
Molecular Weight: 379.27 g/mol
Melting Point: >1300°C
Density at 20°C (g/cm³): 2.75
pH (5% slurry 20°C): 7.0-9.0

Code	Pack
GPC5518-Y	1kg
GPC5518-SY	5kg

Tannic Acid

Cas No: 1401-55-4	Einecs: 215-753-2		Flash Point: 199°C
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Molecular Formula: C₇₆H₅₂O₄₆
Molecular Weight: 1701.20 g/mol
Melting Point: 218°C
pH (10% soln 20°C): 3.5

Code	Pack
GPC1005-X	100g

L (+) Tartaric Acid 99.7-100.5% Ph Eur, BP, ACS, USP

Cas No: 87-69-4	Einecs: 201-766-0		Flash Point: 150°C
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Minimum Assay: >99.7%
Molecular Formula: C₄H₆O₆
Molecular Weight: 150.09 g/mol
Melting Point: 168-170°C
pH (15% soln 25°C): 1.0-2.0

Code	Pack
GPC6332-SX	500g

Tetrahydrofuran 99.95%

Cas No: 109-99-9	Einecs: 203-726-8	UN2056	Flash Point: -17°C
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Minimum Assay: >99%
Molecular Formula: C₄H₈O
Molecular Weight: 72.11 g/mol
Boiling Point: 66°C
Melting Point: -108°C
Density at 25°C (g/cm³): 0.889
Refractive Index: 1.407

Code	Pack
GPC9803-D	500ml

Chemicals & Reagents

Thymol Blue 0.04% Solution 20% Alcoholic

		UN1170	
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Contains:

Thymol Blue: 0.04%
Ethanol: <20%

Code	Pack
RRSP6541-B	500ml

Thymol Blue Free Acid ACS

Cas No: 76-61-9	Einecs: 200-973-3		
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Molecular Formula: C₇H₈O₂S
Molecular Weight: 466.59 g/mol
Melting Point: 221-224°C
Visual transition interval (acid range): pH 1.2 (red) - pH 2.8 (yellow)
Visual transition interval (alkaline range): pH 8.0 (yellow) - pH 9.2 (blue)
Loss on drying: < 5.0%

Code	Pack
RRBD33556-T	5g

Thymol Crystals 99%

Cas No: 89-83-8	Einecs: 201-944-8	UN2430	Flash Point: 101°C
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Minimum Assay: 99%

Molecular Formula: C₁₀H₁₄O
Molecular Weight: 150.22 g/mol
Boiling Point: 232°C
Melting Point: 48-51°C
Density at 25°C (g/cm³): 0.965

Code	Pack
GPC3573-2W	50g
GPC3573-X	100g

Tin (II) Chloride dihydrate ACS (Stannous Chloride)

Cas No: 7772-99-8	Einecs: 231-868-0	UN3260	
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Minimum Assay: >99%

Molecular Formula: SnCl₂
Molecular Weight: 189.62 g/mol
Boiling Point: 652°C
Melting Point: 246°C
Density at 20°C (g/cm³): 3.95
pH (10% soln 20°C): 2.0

Code	Pack
GPC9800-X	100g

Tin (II) Oxide 98.5%

Cas No: 21651-19-4	Einecs: 244-499-5		
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Minimum Assay: >98.5%
Molecular Formula: SnO
Molecular Weight: 134.71 g/mol
Melting Point: 1080°C

Code	Pack
GPC3345-X	100g

Tin (IV) Oxide 99.85%

Cas No: 18282-10-5	Einecs: 242-159-0		
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Minimum Assay: 99%
Molecular Formula: SnO₂
Molecular Weight: 150.71 g/mol
Boiling Point: 1800-1900°C
Melting Point: 1630°C
Density at 25°C (g/cm³): 6.95

Code	Pack
GPC9965-X	100g

Tin Metal Foil 0.2mm

Cas No: 7440-31-5	Einecs: 231-141-8		
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Minimum Assay: >99.9%
Molecular Formula: Sn
Molecular Weight: 118.71 g/mol
Boiling Point: 2270°C
Melting Point: 231°C
Resistivity: 11 μΩ-cm
Thickness: 0.2 mm

Code	Pack
GPC7747-X	100g

Toluene 99.5% ACS

Cas No: 108-88-3	Einecs: 203-625-9	UN1294	Flash Point: 4°C
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Minimum Assay: 99.5%
Molecular Formula: C₇H₈
Molecular Weight: 92.14 g/mol
Boiling Point: 110.6°C
Melting Point: -95°C
Density at 20°C (g/cm³): 0.87
Non-aromatic content: 0.2%
Benzene Content: 0.05%

Code	Pack
GPS1009-D	500ml
GPS1009-E	1L
GPS1009-F	2.5L

Toluidine Blue (1% Aqueous)

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Contains:

Toluidine Blue: <1%

Code	Pack
RRSP146-B	100ml

Toluidine Blue O C.I. 52040

Cas No: 92-31-9	Einecs: 202-146-2		
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Dye Content: >80%
Molecular Formula: C₁₅H₁₀ClN₃S
Molecular Weight: 305.83 g/mol
Melting Point: 156-158°C
Absorptivity (1%/1cm): >1200
Loss on drying: <8.0%
Solubility (0.1% dist. Water): Clear blue solution

Code	Pack
RRBD88-T	5g

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Chemicals & Reagents

Trichloroacetic Acid 99.0%

Cas No: 76-03-9	Einecs: 200-927-2	UN1839	Flash Point: >113°C
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Minimum Assay: >99.0%
Molecular Formula: Cl_3CCO_2H
Molecular Weight: 163.39 g/mol
Boiling Point: 196°C
Melting Point: 54-58°C
Density at 25°C (g/cm^3): 1.62



Code	Pack
GPC8676-X	100g

2,2,4-Trimethylpentane

Cas No: 540-84-1	Einecs: 208-759-1	UN1262	Flash Point: -12°C
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Minimum Assay: 99.8%
Molecular Formula: C_8H_{18}
Molecular Weight: 114.23 g/mol
Boiling Point: 98-99°C
Melting Point: -107°C
Density at 25°C (g/cm^3): 0.692
Refractive Index: 1.391



Code	Pack
GPS1266-D	500ml

Tri Potassium Citrate 99-100.5% Monohydrate

Cas No: 6100-05-6	Einecs: 212-755-5	UN1830	
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Minimum Assay: 99-100.5%
Molecular Formula: $K_3C_6H_5O_7 \cdot H_2O$
Molecular Weight: 324.42 g/mol
Melting Point: 230°C
Density at 20°C (g/cm^3): 1.98
pH (5% soln 20°C): 7.5-9

Code	Pack
GPC2165-5X	500g

Tri-Sodium Citrate 99% ACS, USP, Ph Eur, FCC

Cas No: 6132-04-3	Einecs: 200-675-3		
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Minimum Assay: 99.0-100.5%
Molecular Formula: $C_6H_5Na_3O_7 \cdot 2H_2O$
Molecular Weight: 294.1 g/mol
Melting Point: 150°C
pH (5% soln 25°C): 7.5-9.0

Code	Pack
GPC8031-5X	500g

Trypsin from Porcine Pancreas 250u/mg USP

Cas No: 9002-07-7	Einecs: 232-650-8		
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Typical Working Concentration: 0.1-1%
Optimum Working pH: 5-10.5
Working Temperature Range: 20-65°C
Substrate: Protein Solutions
Product: Peptides and AA's
Source: Porcine Pancreas
Shelf Life: 6 months (12 months in fridge)



Code	Pack
GPC5566-U	10g

Code	Pack
GPC5566-W	25g

Turpentine Oil

Cas No: 8006-64-2	Einecs: 232-350-7	UN1299	Flash Point: 36°C
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Appearance: Colourless liquid
Boiling Point: 153-175°C
Melting Point: -55°C
Density at 25°C (g/cm^3): 0.86



Code	Pack
GPS1650-D	500ml

L-Tyrosine 98.5-101.5% USP

Cas No: 60-18-4	Einecs: 200-460-4		
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Minimum Assay: 98.5-101.5%
Molecular Formula: $C_9H_9NO_3$
Molecular Weight: 181.19
Melting Point: 343°C

Code	Pack
GPC2369-W	25g

Universal Indicator pH 1-14

		UN1170	
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Contains:

Methyl Orange: <1%
Methyl Red: <1%
Bromothymol Blue: <1%
Phenolphthalein: <1%
Denatured Ethanol: <70%



Code	Pack
RRSP4455-D	500ml

Universal Indicator Solution pH 4-11

		UN1170	
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Contains:

Methyl Red: <1%
Phenolphthalein: <1%
Bromothymol Blue: <1%
Denatured Ethanol: <50%



Code	Pack
RRSP4459-C	250ml
RRSP4459-D	500ml
RRSP4459-E	1L
RRSP4459-F	2.5L

Urea 97.5% (Prills)

Cas No: 57-13-6	Einecs: 200-315-5		Flash Point: 150°C
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Minimum Assay: >97.5%
Molecular Formula: CH_4N_2O
Molecular Weight: 60.06 g/mol
Melting Point: 132.7°C
Density at 20°C (g/cm^3): 1.34
pH (10% soln 20°C): 9

Code	Pack
GPC9906-5X	500g

Chemicals & Reagents

Vanadium (V) Oxide 99%

Cas No: 1314-62-1	Einecs: 215-239-8	UN2862	
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Minimum Assay: 98%
Molecular Formula: V_2O_5
Molecular Weight: 181.88 g/mol
Melting Point: 690°C
Density at 20°C (g/cm^3): 3.35
pH (5% slurry 20°C): 4



Code	Pack
GPC1312-W	25g

White Spirit

Cas No: 64742-82-1	Einecs: 265-185-4	UN1300	Flash Point: 55°C
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Aromatics: <20%
Distillation Range: 155-170°C
Density at 20°C (g/cm^3): 0.78
Refractive Index: 1.437



Code	Pack
GPS9024-E	1L
GPS9024-F	2.5L

Xylene 98.0-99.0% (Mixture of Isomers)

Cas No: 1330-20-7	Einecs: 215-535-7	UN1307	Flash Point: 25°C
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Minimum Assay: 98-99%
Molecular Formula: C_8H_{10}
Molecular Weight: 106.17 g/mol
Boiling Point: 136-143°C
Melting Point: -34°C
Density at 25°C (g/cm^3): 0.86
Refractive Index: 1.497



Code	Pack
GPS1001-D	500ml
GPS1001-F	2.5L

Yeast Dried Active Powder

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Typical Analysis per 100 g:
Calories: 385kcal
Moisture: 4 g
Protein: 44 g
Ash: 6 g
Carbohydrates: 38 g
Fat: 6 g
Vitamin C: 317 g
Calcium: 86 mg
Sodium: 73 mg
Iron: 49 mg

Code	Pack
BY9600-2X	250g
BY9600-5X	500g

Zinc Acetate Anhydrous 97%

Cas No: 557-34-6	Einecs: 209-170-2	UN3077	
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Minimum Assay: >97%
Molecular Formula: $(CH_3COO)_2Zn$
Molecular Weight: 183.48 g/mol
Melting Point: 200°C
Density at 25°C (g/cm^3): 1.84



Code	Pack
GPC1134-2X	250g

Zinc Acetate Dihydrate 99.9% ACS

Cas No: 5970-45-6	Einecs: 209-170-2	UN3077	
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Minimum Assay: >99.9%
Molecular Formula: $Zn(CH_3COO)_2 \cdot 2H_2O$
Molecular Weight: 219.50 g/mol
Melting Point: 237°C
Density at 20°C (g/cm^3): 1.840
pH (5% soln 25°C): 6.0-8.0



Code	Pack
GPC25044-2X	250g

Zinc (II) Bromide Anhydrous 98%

Cas No: 7699-45-8	Einecs: 231-718-4	UN3260	
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Minimum Assay: 98%
Molecular Formula: Br_2Zn
Molecular Weight: 225.2 g/mol
Boiling Point: 697°C
Melting Point: 394°C
Density at 20°C (g/cm^3): 4.2



Code	Pack
GPC9944-X	100g

Zinc Carbonate 99% (Zn>55.5%)

Cas No: 5263-02-5	Einecs: 226-076-7		
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Assay (as ZnO): >69%
Molecular Formula: $Zn_5(CO_3)_2(OH)_6$
Molecular Weight: 548.97 g/mol
Melting Point: 1970°C
Density at 20°C (g/cm^3): 3.5



Code	Pack
GPC9305-5X	500g

Zinc Chloride 97% ACS

Cas No: 7646-85-7	Einecs: 231-592-0	UN2331	
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Minimum Assay: >97%
Molecular Formula: $ZnCl_2$
Molecular Weight: 136.28 g/mol
Boiling Point: 732°C
Melting Point: 283°C
Density at 22°C (g/cm^3): 2.93
pH (10% soln 20°C): 5



Code	Pack
GPC7108-5X	500g

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Chemicals & Reagents

Zinc Metal Foil 0.38mm

Cas No: 7440-66-6	Einecs: 231-175-3		
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Molecular Formula: Zn
Molecular Weight: 65.39 g/mol
Boiling Point: 907°C
Melting Point: 420°C
Resistivity: 5.8 µΩ-cm
Thickness: 0.38 mm

Code	Pack
A9816-2X	500g

Zinc Nitrate Hexahydrate

Cas No: 10196-18-6	Einecs: 231-943-8	UN1514	
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Minimum Assay: 98%
Molecular Formula: Zn(NO₃)₂·6H₂O
Molecular Weight: 297.47 g/mol
Melting Point: 36°C
Density at 20°C (g/cm³): 2.07

Code	Pack
GPC5874-2X	250g
GPC5874-5X	500g

Zinc Oxide 99.9% ACS, USP, Ph Eur, BP

Cas No: 1314-13-2	Einecs: 215-222-5	UN3077	
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Minimum Assay: >99.9%
Molecular Formula: ZnO
Molecular Weight: 81.39 g/mol
Boiling Point: 732°C
Melting Point: 283°C

Code	Pack
GPC8049-5X	500g

Zinc Sulphate Heptahydrate 99.0-102.0%

Cas No: 7446-20-0	Einecs: 231-793-3	UN3077	
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Minimum Assay: 102.46%
Molecular Formula: ZnSO₄·7H₂O
Molecular Weight: 287.46 g/mol
Melting Point: 100°C
Density at 20°C (g/cm³): 1.97
pH (5% soln 20°C): 4-6
ZnSO₄: <57.53%
Zinc (Zn): <23.3%

Code	Pack
GPC8050-2X	250g
GPC8050-5X	500g
GPC8050-Y	1kg

Zinc Sulphide 98%

Cas No: 1314-98-3	Einecs: 215-251-3		
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Minimum Assay: 98%
Molecular Formula: ZnS
Molecular Weight: 97.46 g/mol
Melting Point: 1700°C
Density at 25°C (g/cm³): 4.1

Code	Pack
GPC7531-2X	250g

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2-Chlorobutane 98%	18	Eosin Y 5% Aqueous	24	Iron (III) Chloride Anhydrous	30	Methyl Acetate 99%	35
2-Chloro-2-methylpropane 99%	18	Eosin Y C.I. 45380	24	Iron (III) Nitrate Nonahydrate 98.5%	30	Methyl Benzoate 99%	36
Chloroform 99.95% ACS	18	Eriochrome Black T C.I. 14645	24	Iron (III) Oxide 95%	30	Methyl Blue (Cotton Blue) C.I. 42780	36
Chromic Acid 99%	18	Ethyl Acetate 99.7% ACS	24	Iron (III) Sulphate	30	Methyl Ethyl Ketone 99.7% ACS	36
Chromium (III) Nitrate Nonahydrate 98.5%	18	Ethyl Benzoate 99.9% FCC	24	Iron Metal Filings Coarse	30	Methyl Methacrylate 99% Stabilised	36
Chromium (III) Potassium Sulphate 99.0-102.0% ACD,Ph.Eur	18	Ethylene Glycol 99.8%	24	Iron Metal Filings Fine	30	Methyl Orange 0.04% Indicator Solution	36
Cinnamic Acid 99%	19	Ethylenediaminetetraacetic acid 98-100.5% ACS	25	Isoamyl Acetate 95%	30	Methyl Orange C.I.13025	36
Citric Acid Anhydrous 99.5 - 100.5% Crystals BP, USP,FCC	19	Fast Green FCF C.I. 42053	25	Isoamyl Alcohol 99%	30	Methyl Orange Xylene Cyanol	36
Citric Acid Monohydrate 99.7% ACS,USP,Ph.Eur	19	Fehlings Solution I Ph.Eur	25	IsoButanol 99% ACS	30	Methyl Red 0.1% Indicator Solution in Ethanol	36
Cobalt (II) Chloride Hexahydrate 97%	19	Fehlings Solution II Ph.Eur	25	IsoPentane 96% (GW)	30	Methyl Red Sodium Salt C.I. 13020	36
Cobalt (II) Nitrate Hexahydrate 98%	19	Feulgen Stain (Schiff)	25	Isopropyl Alcohol 99.9% ACS	31	Methyl Salicylate 99% USP,BP Synthetic	36
Cobalt Powder 99.8% Trace Metals Basis	19	Fluorescein Disodium Salt Hydrate C.I.45350	25	Janus Green 0.1% Solution	31	Methylene Blue (1% Aqueous)	37
Congo Red C.I. 22120	19	Formaldehyde 37% ACS	25	Janus Green B C.I. 11050	31	Methylene Blue (10 x Concentrate)	37
Copper (I) Chloride 97%	19	Formic Acid 85% ACS	25	Kinetin 99% (6-Furfurylaminopurine)	31	Methylene Blue (Loeffler)	37
Copper (I) Oxide 97%	19	D (-) Fructose 99.5%	25	Lactic Acid 80% ACS,FCC	31	Methylene Blue BP73,ACS C.I. 52015	37
Copper (II) Acetate Monohydrate 99% ACS	19	D(+)- Galactose	25	Lactose Monohydrate USP,EP	31	2-Methylpropan-2-ol 98%	37
Copper (II) Carbonate dihydroxide, CU 55% min	20	Gelatine 240 from Bloom Bovine EP	25	Lead (II) Acetate Trihydrate	31	Mineralised Methylated Spirits	37
Copper (II) Chloride Dihydrate 97%	20	Gentian Violet BP80 C.I.42555	26	Lead (II) Nitrate 99% ACS	31	Murexide 99.2%	37
Copper (II) Nitrate Trihydrate 99.5% ACS	20	Gibberillic Acid 90%	26	Lead II-IV Oxide (Red Lead)	31	Naphthalene 99%	37
Copper (II) Oxide Black 99%	20	Glass Wool	26	Lead (IV) Oxide 97%	31	2-Naphthol 98%	37
Copper (II) Sulphate 0.5M Solution	20	D (+) Glucose Anhydrous ACS	26	Lead II Sulphate 98%	32	Neutral Red Indicator C.I. 50040	37
Copper (II) Sulphate Anhydrous 98%	20	Glucose-1-phosphoric acid disodium salt tetrahydrate	26	Lead Metal Foil 0.50mm	32	Nickel (Metal) Foil 0.15mm	38
Copper (II) Sulphate Pentahydrate 98%	20	L-Glutamic Acid 99-100.5%	26	Lead Metal Granular 99.5%	32	Nickel Powder 99.85%	38
Copper Metal Foil 99.58% 0.1mm	20	Glycerol 99.5% ACS,EP,FG	26	Leishman Stain	32	Ninhydrin 99%	38
Copper Powder Fine	20	Glycine 98.5-101.5% USP,FG	26	Leishman Stain powder	32	Nitric Acid 69%	38
Cresol Red 0.02% Indicator Solution	21	Grams Iodine	26	L-Leucine 98.5-101.5%	32	Nitric Acid Solution 1.0M (1.0N)	38
Cresol Red Sodium Salt	21	Graphite Powder	26	Limewater	32	Nitric Acid Solution 2.0M (2.0N)	38
Crystal Violet 0.5% Aqueous	21	Haematoxylin Delafield	26	D-Limonene 96%	32	2-Nitrophenyl-beta-D-galactopyranoside 98%	38
Crystal Violet 1% Alcoholic	21	Heptane 99.5% ACS	27	Lipase from Porcine Pancreas	32	Octan-1-ol 99%	38
Crystal Violet 2% Alcoholic	21	Heptan-1-ol 99%	27	Lithium Carbonate 99%	33	Octane 97%	38
Crystal Violet BP80 C.I. 42555	21	Hexamethylenetetramine (Hexamine) 99.0%	27	Lithium Chloride 99% ACS	33	1-Octene 97%	39
Cyclohexane 99.9% ACS	21	n-Hexane 95% ACS	27	Lithium Hydroxide Monohydrate 98%	33	Oleic Acid 75% Food Grade	39
Cyclohexanol 98%	21	Hexane Fraction 65-70	27	Litmus 1% Indicator Solution	33	Olive Oil BP	39
Cyclohexanone 99.8% ACS	21	1-Hexanol 98%	27	Litmus Indicator pH 5-8	33	Orcein Acetic (La Cour)	39
Cyclohexene 99%	22	Hex-1-ene 97%	27	Lugols Iodine Solution (for Microscopy)	33	Orcein Synthetic	39
Deionised Water ACS	22	Hydrochloric Acid 0.1M (0.1 N) Solution	27	Magnesium Acetate Tetrahydrate	33	Oxalic Acid dihydrate 99.6%	39
Dextrin from Starch Potato (Yellow)	22	Hydrochloric Acid 0.5M (0.5N) Solution	27	Magnesium Chloride Hexahydrate 98.0-101% Ph.Eur	33	Pancreatin from Porcine Pancreas	39
Dextrose Anhydrous 99.5%	22	Hydrochloric Acid 1.0M (1.0N) Solution	27	Magnesium Hydroxide 99%	33	Paraffin Liquid Light	39
Di Ammonium Hydrogen Phosphate 95%	22	Hydrochloric Acid 2.0M (2.0N) Solution	28	Magnesium Nitrate Hexahydrate	33	Paraffin Oil BP	39
Di Potassium Hydrogen Phosphate 98% ACS,FG	22	Hydrochloric Acid Solution 4.0M (4.0N)	28	Magnesium Oxide 96% Heavy	33	Paraffin Wax 44-48 deg C	39
1,6 Diamino Hexane 5% Solution in H2O	22	Hydrochloric Acid 5.0M (5.0N) Solution	28	Magnesium Oxide 96% Light	34	Paraffin Wax 56-60 deg C	39
Diaminohexane 98%	22	Hydrochloric Acid 35.0-36.6%	28	Magnesium Powder	34	Pentane 95% ACS	40
Diastase	22	Hydrogen Peroxide 35% (100 vols)	28	Magnesium Ribbon 99.8%	34	Pentanol 99% (Amyl Alcohol)	40
2,6-Dichloroindophenol Sodium Salt Hydrate	22	Hydrogen Peroxide 6% Food Grade	28	Magnesium Sulphate Dried	34	Pepsin Powder 1:2500	40
2,6-Dichlorophenolindophenol Sodium Salt Tablets	22	Hydroquinone 99.5%	28	Magnesium Sulphate Heptahydrate 99.5% ACS,FCC	34	Peptone Bacteriological	40
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Petroleum Ether 100-120	40	Sodium Acetate Anhydrous 99% ACS	46	Sulphuric Acid Solution 1.0M (2.0N)	52
Petroleum Jelly White	40	Sodium Acetate Trihydrate 99.5% ACS,USP,Ph Eur	46	Sulphuric Acid Solution 2.0M (4.0N)	52
1,10-Phenanthroline Monohydrate, 99%	41	Sodium Alginate 98%	46	Talcum Powder Fine Extra Pure	52
Phenol Detached Crystals 99% ACS	41	Sodium Benzoate 99.9% USP,BP,Ph.EUR	46	Tannic Acid	52
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Phenolphthalein 0.5% Indicator Solution	41	Sodium Chlorate 99%	47	Thymol Blue 0.04% Solution 20% Alcoholic	53
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Silver Nitrate 99.9% ACS	46	Sulphur Powder	52		
Silver Nitrate Solution 0.1M (0.1N)	46	Sulphuric Acid 96%	52		



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