

Reagecon

A CALIBRE SCIENTIFIC COMPANY

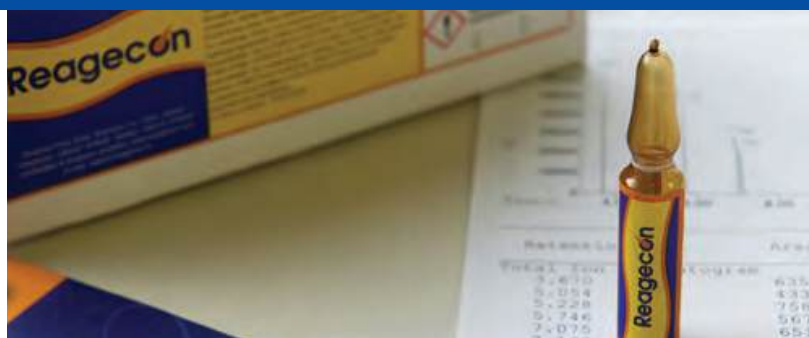
Physical & Chemical Standards Compendium



Blue Horizon

Product Ranges Produced at Reagecon

- Total Organic Carbon (TOC)
- Total Inorganic Carbon (TIC)
- Volatile Organic Compound (VOC)
- Semi Volatile Organic Compound (SVOC)
- Polycyclic Aromatic Hydrocarbons
- Phenolics
- Phthalates
- Azo Dye Metabolites
- Paraffins, Isoparaffins, Aromatics, Naphthalates, Olefins, (PIANO'S)
- Oxygenates
- Thiols
- Pesticides
- Fatty Acid Methyl Esters (FAME's)
- Fatty Acid Ethyl Esters (FAEE's)
- Refractive Index (RI)
- Brix
- Sucrose in water
- Density
- Viscosity
- Melting Point
- ICP-MS/ICP-OES
- Atomic Absorption
- Titrants/Indicators
- Total Acid Number (TAN)
- Total Base Number (TBN)
- Hydrocarbons
- Solvent Residues
- Cryoscope
- PBBs
- PCBs
- PBDEs (Flame Retardants)



- Osmolality
- Colour
 - Saybolt
 - Hazen
 - ASTM
 - Gardner



- Turbidity
- Spectrophotometry
 - Wavelength
 - Linearity
 - Stray light
 - Band width



- pH
- Conductivity
- Ion Selective Electrode
- Ionic Strength Adjusters
- Flame Photometry
- Ion Chromatography
- Redox
- Pharmacopoeia
 - European
 - Chinese
 - United States
 - Japanese
 - Indian



- Eluents/Mobile Phases
- Dissolution Solutions
- pH Electrode Care & Maintenance

Examples of all of these product families can be viewed in detail in this compendium



pH Buffer Solutions



QUALITY PRODUCTION

- ✓ pH Testing is ISO 17025 Accredited
- ✓ Values specified at specific temperatures e.g. 20°C/25°C
- ✓ Manufactured to exacting specifications with an extended shelf life & stability

TRACEABILITY

- ✓ Directly traceable to the IUPAC pH scale by an unbroken chain of traceability. Reagecon achieve this traceability through a series of comparisons, with the key reference materials being Standard Reference Materials (SRMs) manufactured by NIST

pH Buffer Solutions DIN 19266 Values at 25°C

Clear, colourless DIN Value pH Buffer Solutions, tested by our ISO 17025 accredited test method and NIST traceable

Item No.	Description	Pack Size
101679	pH 1.679 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
103776	pH 3.776 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
104005	pH 4.005 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
10687	pH 6.865 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
107413	pH 7.413 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
109180	pH 9.180 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
110012	pH 10.012 DIN 19266 Buffer Solution ± 0.010 at 25°C	500ml
112454	pH 12.454 DIN 19266 Buffer Solution ± 0.050 at 25°C	500ml

pH Buffers at 25°C

Clear, colourless pH Buffer Solutions, tested by our ISO 17025 accredited test method and NIST traceable

Description	Item No. 500ml	Item No. 1L
pH 1.00 Buffer Solution ± 0.02 at 25°C	1010525	101025
pH 1.68 Buffer Solution ± 0.01 at 25°C	10168	1016825
pH 2.00 Buffer Solution ± 0.02 at 25°C	1020525	102025
pH 3.00 Buffer Solution ± 0.02 at 25°C	1030525	103025
pH 4.00 Buffer Solution ± 0.01 at 25°C	1040525	104025
pH 5.00 Buffer Solution ± 0.01 at 25°C	1050525	105025
pH 6.00 Buffer Solution ± 0.01 at 25°C	1060525	106025
pH 6.80 Buffer Solution ± 0.01 at 25°C	1068525	106825
pH 7.00 Buffer Solution ± 0.01 at 25°C	1070525	107025
pH 8.00 Buffer Solution ± 0.01 at 25°C	1080525	108025
pH 9.00 Buffer Solution ± 0.01 at 25°C	1090525	109025
pH 10.00 Buffer Solution ± 0.01 at 25°C	1100525	110025
pH 11.00 Buffer Solution ± 0.05 at 25°C	1110525	111025
pH 12.00 Buffer Solution ± 0.05 at 25°C	1120525	112025
pH 12.45 Buffer Solution ± 0.05 at 25°C	1124525	1124525
pH 13.00 Buffer Solution ± 0.05 at 25°C	1130525	113025

pH Buffer Solutions NIST Values at 20°C

Clear, colourless NIST value pH Buffer Solutions, tested by our ISO 17025 accredited test method and NIST traceable

Item No.	Description	Pack Size
101675	pH 1.675 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
101677	pH 1.677 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
103788	pH 3.788 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
104001	pH 4.001 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
106881	pH 6.881 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
107429	pH 7.429 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
109225	pH 9.225 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
110062	pH 10.062 NIST Value Buffer Solution ± 0.010 at 20°C	500ml
112627	pH 12.627 NIST Value Buffer Solution ± 0.050 at 20°C	500ml

Twin Neck Bottle Format @ 25°C

Coloured pH Buffer solutions in Twin-neck containers with Integrated calibrating chamber. Tested at 25°C and certified by Reagecon's ISO/IEC 17025 (A2LA Ref: 6739.03) Accredited Test Method. NIST traceable and presented in various pack sizes.

Item No.	Description	Pack Size
1010525TT	pH 1.00 ± 0.02 @25°C	500ml
1020525TT	pH 2.00 ± 0.02 @25°C	500ml
1040525CTT	pH 4.00 ± 0.01 @25°C (Red)	500ml
1068805CTT	pH 6.86 ± 0.01 @25°C (Yellow)	500ml
106865TT	pH 6.865 ± 0.01 @25°C	500ml
1070525CTT	pH 7.00 ± 0.01 @25°C (Yellow)	500ml
1090525TT	pH 9.00 ± 0.01 @25°C	500ml
109180CTT	pH 9.18 ± 0.01 @25°C (Blue)	500ml
109180TT	pH 9.18 ± 0.01 @25°C	500ml
1092125CTT	pH 9.21 ± 0.01 @25°C (Blue)	500ml
1092125TT	pH 9.21 ± 0.01 @25°C	500ml
1100525CTT	pH 10.00 ± 0.01 @25°C (Blue)	500ml
1120525TT	pH 12.00 ± 0.05 @25°C	500ml

pH Buffers Colour Coded at ± 0.01 25°C (Twin Neck)

Coloured pH Buffer Solutions, tested by our ISO 17025 accredited test method and NIST traceable

Description	Item No. 500ml	Item No. 1L
pH 4.00 Colour Coded (Red) Buffer Solution ± 0.01 at 25°C	1040525CTT	104025CTT
pH 7.00 Colour Coded (Yellow) Buffer Solution ± 0.01 at 25°C	1070525CTT	107025CTT
pH 10.00 Colour Coded (Blue) Buffer Solution ± 0.01 at 25°C	1100525CTT	110025CTT

pH Buffer Solutions

ISO 17034 Certified Reference Materials

pH Buffer Standards at 25°C DIN 19266
ISO 17034 Certified Reference Materials (CRMs)

Item No.	Description	UoM
CRM101679	Buffer Standard pH 1.679 ± 0.010 at 25°C DIN 19266	500ml
CRM103776	Buffer Standard pH 3.776 ± 0.010 at 25°C DIN 19266	500ml
CRM104005	Buffer Standard pH 4.005 ± 0.010 at 25°C DIN 19266	500ml
CRM10687	Buffer Standard pH 6.865 ± 0.010 at 25°C DIN 19266	500ml
CRM107413	Buffer Standard pH 7.413 ± 0.010 at 25°C DIN 19266	500ml
CRM109180	Buffer Standard pH 9.180 ± 0.010 at 25°C DIN 19266	500ml
CRM110012	Buffer Standard pH 10.012 ± 0.010 at 25°C DIN 19266	500ml

pH Buffer Standards at 25°C
ISO 17034 Certified Reference Materials (CRMs)

Item No.	Description	UoM
CRM102025	Buffer Standard pH 2.00 ± 0.02 at 25°C	1L
CRM103025	Buffer Standard pH 3.00 ± 0.02 at 25°C	1L
CRM104025	Buffer Standard pH 4.00 ± 0.01 at 25°C	1L
CRM105025	Buffer Standard pH 5.00 ± 0.01 at 25°C	1L
CRM106025	Buffer Standard pH 6.00 ± 0.01 at 25°C	1L
CRM107025	Buffer Standard pH 7.00 ± 0.01 at 25°C	1L
CRM108025	Buffer Standard pH 8.00 ± 0.01 at 25°C	1L
CRM109025	Buffer Standard pH 9.00 ± 0.01 at 25°C	1L
CRM110025	Buffer Standard pH 10.00 ± 0.01 at 25°C	1L
CRM111025	Buffer Standard pH 11.00 ± 0.05 at 25°C	1L
CRM112025	Buffer Standard pH 12.00 ± 0.05 at 25°C	1L

Item No.	Description	UoM
CRM1068525	Buffer Standard pH 6.80 ± 0.01 at 25°C	500ml
CRM1068805	Buffer Standard pH 6.86 ± 0.01 at 25°C	500ml
CRM1094025	Buffer Standard pH 9.40 ± 0.01 at 25°C	500ml
CRM11001525	Buffer Standard pH 10.01 ± 0.01 at 25°C	500ml

Conductivity Standards

Conductivity Standards (Calibration Values)

Item No.	Description	Pack Size
CSKC84	84 µS/cm Conductivity Standard at 25°C	500ml
CSKCS	147 µS/cm Conductivity Standard at 25°C	500ml
CSKCL	1413 µS/cm Conductivity Standard at 25°C	500ml
CSKC12880	12,880 µS/cm Conductivity Standard at 25°C	500ml
CSKC111800	111,800 µS/cm Conductivity Standard at 25°C	500ml

Conductivity Premium Standards (Control Values)

Item No.	Description	Pack Size
CSKC13	1.30 µS/cm Conductivity Standard at 25°C	250ml
CSKC136	1.30 µS/cm Conductivity Standard at 25°C	6x250ml
CSKC5	5 µS/cm Conductivity Standard at 25°C	500ml
CSKC10	10 µS/cm Conductivity Standard at 25°C	500ml
CSKC1325	13.25 µS/cm Conductivity Standard at 25°C	500ml
CSKC15	15 µS/cm Conductivity Standard at 25°C	500ml
CSKC20	20 µS/cm Conductivity Standard at 25°C	500ml
CSKC238	23.8 µS/cm Conductivity Standard at 25°C	500ml
CSKC25	25 µS/cm Conductivity Standard at 25°C	500ml
CSKC50	50 µS/cm Conductivity Standard at 25°C	500ml
CSKC100	100 µS/cm Conductivity Standard at 25°C	500ml
CSKC150	150 µS/cm Conductivity Standard at 25°C	500ml
CSKC185	185 µS/cm Conductivity Standard at 25°C	500ml
CSKC200	200 µS/cm Conductivity Standard at 25°C	500ml
CSKC250	250 µS/cm Conductivity Standard at 25°C	500ml
CSKC300	300 µS/cm Conductivity Standard at 25°C	500ml
CSKC400	400 µS/cm Conductivity Standard at 25°C	500ml
CSKC500	500 µS/cm Conductivity Standard at 25°C	500ml
CSKC718	718 µS/cm Conductivity Standard at 25°C	500ml

Conductivity Standards

ISO 17034 Certified Reference Materials

Conductivity Standards at 25°C
ISO 17034 Certified Reference Materials (CRMs)

Item No.	Description	UoM
CRMCSKC20	Conductivity Standard 20 µS/cm ± 1% at 25°C	500ml
CRMCSKC50	Conductivity Standard 50 µS/cm ± 1% at 25°C	500ml
CRMCSKC84	Conductivity Standard 84 µS/cm ± 1% at 25°C	500ml
CRMCSKC100	Conductivity Standard 100 µS/cm ± 1% at 25°C	500ml
CRMCSKCS	Conductivity Standard 147 µS/cm ± 1% at 25°C	500ml
CRMCSKC200	Conductivity Standard 200 µS/cm ± 1% at 25°C	500ml
CRMCSKC500	Conductivity Standard 500 µS/cm ± 1% at 25°C	500ml
CRMCSKC1000	Conductivity Standard 1000 µS/cm ± 1% at 25°C	500ml
CRMCSKCL	Conductivity Standard 1413 µS/cm ± 1% at 25°C	500ml
CRMCSKC2M	Conductivity Standard 2000 µS/cm ± 1% at 25°C	500ml
CRMCSKC3M	Conductivity Standard 3000 µS/cm ± 1% at 25°C	500ml
CRMCSKC5M	Conductivity Standard 5000 µS/cm ± 1% at 25°C	500ml
CRMCSKC10M	Conductivity Standard 10,000 µS/cm ± 1% at 25°C	500ml

Conductivity Premium Standards (Control Values)

Item No.	Description	Pack Size
CSKC1000	1000 µS/cm Conductivity Standard at 25°C	500ml
CSKC2M	2000 µS/cm Conductivity Standard at 25°C	500ml
CSKC2500	2500 µS/cm Conductivity Standard at 25°C	500ml
CSKC3M	3000 µS/cm Conductivity Standard at 25°C	500ml
CSKC5M	5000 µS/cm Conductivity Standard at 25°C	500ml
CSKC7M	7000 µS/cm Conductivity Standard at 25°C	500ml
CSKC8M	8000 µS/cm Conductivity Standard at 25°C	500ml
CSKC10M	10,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC15M	15,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC20M	20,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC30M	30,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC35M	35,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC40M	40,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC50M	50,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC60M	60,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC80M	80,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC84M	84,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC100M	100,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC150M	150,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC200M	200,000 µS/cm Conductivity Standard at 25°C	500ml
CS2513M	251.3 mS/cm Conductivity Standard at 25°C	500ml
CSKC300M	300,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC350M	350,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC400M	400,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC450M	450,000 µS/cm Conductivity Standard at 25°C	500ml
CSKC500M	500,000 µS/cm Conductivity Standard at 25°C	500ml

TDS Standards

Item No.	Description	Pack Size
TDS10	Total Dissolved Solids (TDS) 10 mg/L Standard	1L
TDS50	Total Dissolved Solids (TDS) 50 mg/L Standard	1L
TDS100	Total Dissolved Solids (TDS) 100 mg/l Standard	1L
TDS250	Total Dissolved Solids (TDS) 250 mg/l Standard	1L
TDS500	Total Dissolved Solids (TDS) 500 mg/l Standard	1L
TDS1000	Total Dissolved Solids (TDS) 1000 mg/l Standard	1L
CS1382	Total Dissolved Solids (TDS) 1382 ppm NaCl at 25°C Standard	500ml
TDS1500	Total Dissolved Solids (TDS) 1500 mg/l Standard	1L
TDS2000	Total Dissolved Solids (TDS) 2000 mg/l Standard	1L

Electrode Care & Maintenance

Item No.	Description	Pack Size
ECS	Electrode Cleaning Solution Pepsin-Hydrochloric Acid for the removal of Proteins	500ml
IECS5	Electrode Cleaning Solution Thiourea-Hydrochloric Acid for the removal of Sulphide	500ml
OECS	Electrode Cleaning Solution Organic	500ml
EFS3	Electrode Filling Solution 3M Potassium Chloride Free from Silver Ion	100ml
EFS351	Electrode Filling Solution 3.5M Potassium Chloride Free from Silver Ion	100ml
EFS35AC	Electrode Filling Solution 3.5M Potassium Chloride Saturated with AgCl	100ml
EFS381	Electrode Filling Solution 3.8M Potassium Chloride Free from Silver Ion	100ml
EFS3AC	Electrode Filling Solution 3M Potassium Chloride saturated with Silver Chloride	100ml
EFS4	Electrode Filling Solution 4M Potassium Chloride	100ml
EFS4AC	Electrode Filling Solution 4M Potassium Chloride saturated with Silver Chloride	100ml
EFSKNO	Electrode Filling Solution 10% w/v Potassium Nitrate Double Junction Bridge	100ml
EFSLIET	Electrode Filling Solution 1M Lithium Chloride (LiCl) Dissolved in Ethano	100ml
EFSLIGA	Electrode Filling Solution 1M Lithium Chloride (LiCl) Dissolved in Glacial Acetic Acid	100ml
EFSLICL	Electrode Filling Solution 1M Lithium Chloride (LiCl) Dissolved in Isopropanol	100ml
EFS2AS	Electrode Filling Solution 2M Ammonium Sulphate Double Junction	100ml
EFSAMO1	Electrode Filling Solution Ammonia	100ml
EFSDO	Electrode Filling Solution Dissolved Oxygen Electrolyte	100ml
LKCL	Electrode Filling Solution Saturated Potassium	100ml
EFSNACLO4	Electrode Filling Solution Saturated Sodium Perchlorate in Glacial Acetic Acid	100ml
ESS01	pH Electrode Storage Solution	100ml
ESS5	pH Electrode Storage Solution	500ml
ERS	Electrode Regeneration Solution	100ml
ERSS5	Electrode Rinse Solution	500ml

Redox Standards

Item No.	Description	Pack Size
RS124	124mV @ 25° C	500ml
RS200	200mV @ 25° C	500ml
RS220	220mV @ 25° C	500ml
RS250	250mV @ 25° C	500ml
RS300	300mV @ 25° C	500ml
RS358	358mV @ 25° C	500ml
RS400	400mV @ 25° C	500ml
RS465	465mV @ 25° C	500ml
RS600	600mV @ 25° C	500ml
RS650	650mV @ 25° C	500ml

Reagecon Turbiform™ Stabilised Formazin and For mazin Turbidity Standards

NTU Value	100mls	500mls
0	RSTFMZ001	RSTFMZ005
0.1	RSTFMZ0101	RSTFMZ0105
0.3	RSTFMZ0301	RSTFMZ0305
0.5	RSTFMZ0501	RSTFMZ0505
1.0	RSTFMZ101	RSTFMZ105
10	RSTFMZ1001	RSTFMZ1005
20	RSTFMZ2001	RSTFMZ2005
40	RSTFMZ4001	RSTFMZ4005
100	RSTFMZ10001	RSTFMZ10005
200	RSTFMZ20001	RSTFMZ20005
800	RSTFMZ80001	RSTFMZ80005
1000	RSTFMZ1M01	RSTFMZ1M05
4000	RSTFMZ4M01	RSTFMZ4M05

Turbidity Standards

Suspended Polymer Microspheres

Product No.	Non Ratio 100ml	Non Ratio 500ml
Turbidity Std 0.0 NTU	CRS-0.0-100	CRS-0.0-500
Turbidity Std 0.1 NTU	CRS-0.1-100	CRS-0.1-500
Turbidity Std 0.2 NTU	CRS-0.2-100	CRS-0.2-500
Turbidity Std 0.4 NTU	CRS-0.4-100	CRS-0.4-500
Turbidity Std 0.5 NTU	CRS-0.5-100	CRS-0.5-500
Turbidity Std 1 NTU	CRS-1-100	CRS-1-500
Turbidity Std 2 NTU	CRS-2-100	CRS-2-500
Turbidity Std 4 NTU	CRS-4-100	CRS-4-500
Turbidity Std 5 NTU	CRS-5-100	CRS-5-500
Turbidity Std 10 NTU	CRS-10-100	CRS-10-500
Turbidity Std 20 NTU	CRS-20-100	CRS-20-500

Product No.	Non Ratio 100ml	Non Ratio 500ml
Turbidity Std 40 NTU	CRS-40-100	CRS-40-500
Turbidity Std 50 NTU	CRS-50-100	CRS-50-500
Turbidity Std 60 NTU	CRS-60-100	CRS-60-500
Turbidity Std 90 NTU	CRS-90-100	CRS-90-500
Turbidity Std 100 NTU	CRS-100-100	CRS-100-500
Turbidity Std 200 NTU	CRS-200-100	CRS-200-500
Turbidity Std 400 NTU	CRS-400-100	CRS-400-500
Turbidity Std 500 NTU	CRS-500-100	CRS-500-500
Turbidity Std 800 NTU	CRS-800-100	CRS-800-500
Turbidity Std 1000NTU	CRS-1000-100	CRS-1000-500
Turbidity Std 4000 NTU	CRS-4000-100	CRS-4000-500

Chemical Oxygen Demand (COD) Standards

COD Standards, Reagents and Vials

Product No.	Description	Pack Size
COD10	COD Calibration Standard 10ppm	500ml
COD20	COD Calibration Standard 20ppm	500ml
COD50	COD Calibration Standard 50ppm	500ml
COD100	COD Calibration Standard 100ppm	500ml
COD200	COD Calibration Standard 200ppm	500ml
COD500	COD Calibration Standard 500ppm	500ml
COD600	COD Calibration Standard 600ppm	500ml
COD1000	COD Calibration Standard 1000ppm	500ml
COD1300	COD Calibration Standard 1300ppm	500ml
COD1500	COD Calibration Standard 1500ppm	500ml
COD2000	COD Calibration Standard 2000ppm	500ml
COD3000	COD Calibration Standard 3000ppm	500ml
COD5000	COD Calibration Standard 5000ppm	500ml
COD6000	COD Calibration Standard 6000ppm	500ml
COD10M	COD Calibration Standard 10000ppm	500ml
COD20M	COD Calibration Standard 20000ppm	500ml
COD30K	COD Calibration Standard 30000ppm	1L
COD60M5	COD Calibration Standard 60000ppm	500ml

Chemical Oxygen Demand (COD) Reagents

Product No.	Description	Pack Size
WTR50W	Chemical Oxygen Demand COD Reagent (1977 method)	2.5L
CODMS	COD 20% w/v Mercury (II) Sulphate in 10% w/v Sulphuric Acid	500ml
KC2002F	COD Potassium Dichromate 0.0208M (0.125N) Solution	1L
AGN01001	Chemical Oxygen Demand COD Reagent Silver Nitrate 1000g/L	100ml
AGS1W	COD 1% w/v Silver Sulphate in Sulphuric Acid Solution	2.5L
AGS1H	COD 1% w/v Silver Sulphate in Sulphuric Acid Solution	500ml
PFS1	Indicator Solution Ferriin Indicator	100ml

Chemical Oxygen Demand (COD) Vials

Product No.	Description	Pack Size
420720	Measuring Range 0-150mg/L	pk25
420721	Measuring Range 0-1500mg/L	pk25
420722	Measuring Range 0-15000mg/L	pk25

Ion Selective Electrode Standards

Product No.	Description	Pack Size
ISEF10005	Fluoride 100ppm	500ml
ISEF1005	Fluoride 10ppm	500ml
ISENH55	Ammonia 1000ppm as N	5L
ISENH1005	Ammonia 100ppm as N	500ml
ISENH1005-5L	Ammonia 100ppm as N	5L
NH0-5-P-500	Ammonia Standard 0.5ppm as NH ₃	500ml

Ion Selective Electrode Standards

Product No.	Description	Pack Size
NH2-5-P-500	Ammonia Standard 2.5 ppm as NH ₃	500ml
NH3101	Ammonia Standard 1mg/l as as NH ₃	100ml
ISEF101	Fluoride 10ppm	1L
ISEF11	Fluoride 1ppm	1L
ISENH4105	Ammonium 10ppm as NH ₄	500ml
ISENH41005	Ammonium 100ppm as NH ₄	500ml
ISENH45	Ammonium 1000ppm as NH ₄	500ml
ISENH500	Ammonia 500ppm	500ml
ISENH5	Ammonia 1000ppm as N	500ml
ISEBA5	Barium 1000ppm	500ml
ISEBR5	Bromide 1000ppm	500ml
ISECD5	Cadmium 1000ppm	500ml
ISECA10	Calcium 10ppm	500ml
ISECA1005	Calcium 100ppm	500ml
ISECA5	Calcium 1000ppm	500ml
ISECO5	Carbon Dioxide 1000ppm	500ml
ISECL10005	Chloride 100ppm	500ml
ISECL5	Chloride 1000ppm	500ml
ISECU5	Copper 1000ppm	500ml
ISECN025	Cyanide 1000ppm	250ml
ISECN5	Cyanide 1000ppm	500ml
ISEF1	Fluoride 1ppm	500ml
ISEF5	Fluoride 1000ppm	500ml
ISEI5	Iodide 1000ppm	500ml
ISEPB5	Lead 1000ppm	500ml
ISEMG5	Magnesium 1000ppm	500ml
ISEHG5	Mercury 1000ppm	500ml
ISEN105	Nitrate 10ppm as NO ₃	500ml
ISEN105-5L	Nitrate 10ppm as NO ₃	5L
ISEN1005	Nitrate 100ppm as NO ₃	500ml
ISEN1005-5L	Nitrate 100ppm as NO ₃	5L
ISEN5	Nitrate 1000ppm as NO ₃	500ml
ISEN5-5L	Nitrate 1000ppm as NO ₃	5L
NITRATE025PPM	Nitrate Standard 25ppm as N	1L
NITRITE025PPM	Nitrite Standard 25ppm as N	1L
NO2-0.3-100	Nitrite Standard in Water 0.3mg/l	100ml
NO2-6-100	Nitrite Standard in Water 6mg/L	100ml
NO3-6-100	Nitrate Standard in Water 6mg/l	100ml
P10001	Phosphate Solution 1000ppm	1L
P1005	Phosphate Solution 100ppm	500ml
ISENO5	Nitrogen Oxide 1000ppm as NO ₂	500ml
ISEPCL5	Perchlorate 1000ppm	500ml
ISEK5	Potassium 1000ppm	500ml
ISEAG5	Silver 1000ppm	500ml
ISENA5	Sodium 1000ppm	500ml
ISES5	Sulphide 1000ppm	500ml
ISESCO5	Sulphur Dioxide 1000ppm	500ml
ISESC5	Thiocyanate 1000ppm	500ml
ISEWH5	Water Hardness Standard 1000ppm CaCO ₃	500ml

ICP-MS/ICP-OES Stanards

ICP - MS / ICP - OES STANDARDS

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack Size
PAL2A2	AL 99.999	Aluminium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSB2A4	Sb 99.999	Antimony in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PAS2A2	As 99.999	Arsenic in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PBA2A2	BaCO ₃ 99.999	Barium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PBE2A2	BeO 99.99	Beryllium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PBI2A6	Bi 99.999	Bismuth in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PB2A7	H ₃ BO ₃ 99.99	Boron in H ₂ O	1,000	100ml
PCD2A2	Cd 99.999	Cadmium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCA2A2	CaCO ₃ 99.995	Calcium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCE2A2	CeO ₂ 99.99	Cerium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCS2A2	CsCl 99.999	Cesium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCR2A2	Cr(NO ₃) ₃ .9H ₂ O 99.99+	Chromium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCO2A2	Co 99.995	Cobalt in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PCU2A2	Cu 99.999	Copper in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PDY2A2	Dy ₂ O ₃ 99.99+	Dysprosium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PER2A2	Er ₂ O ₃ 99.99+	Erbium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PEU2A2	Eu ₂ O ₃ 99.999	Europium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PGD2A2	Gd ₂ O ₃ 99.995	Gadolinium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PGE2A7	Ge 99.999	Germanium in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PAU2A8	Au 99.998	Gold in 5% HCl (v/v)	1,000	100ml
PHF2A3	Hf 99.9	Hafnium in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PHO2A2	Ho ₂ O ₃ 99.999	Holmium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PIN2A2	In 99.999	Indium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PIR2A8	(NH ₄) ₂ IrCl ₆ 99.998	Iridium in 5% HCl (v/v)	1,000	100ml
PFE2A2	Fe 99.999	Iron in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PLA2A2	La ₂ O ₃ 99.999	Lanthanum in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PPB2A2	Pb 99.999	Lead in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PLI2A2	Li ₂ CO ₃ 99.997	Lithium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PLU2A2	Lu ₂ O ₃ 99.99	Lutetium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PMG2A2	Mg 99.99	Magnesium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PMN2A	Mn 99.98	Manganese in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PHG2A6	Hg 99.999+	Mercury in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PMO2A7	Mo 99.999	Molybdenum in 2%NH ₄ OH (v/v)	1,000	100ml
PND2A2	Nd ₂ O ₃ 99.99	Neodymium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PNI2A2	Ni 99.999	Nickel in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PNB2A9	Nb 99.9+	Niobium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PPD2A8	Pd 99.999	Palladium in 5% HCl (v/v)	1,000	100ml
PP2A7	NH ₄ H ₂ PO ₄ 99.999	Phosphorus in 0.05% H ₂ SO ₄ (v/v)	1,000	100ml
PK2A2	KNO ₃ 99.999	Potassium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PPR2A2	Pr ₂ O ₃ 99.999	Praseodymium in 5% HCl (v/v)	1,000	100ml
PRE2A7	NH ₄ ReO ₄ 99.999	Rhenium in H ₂ O	1,000	100ml
PRH2A8	(NH ₄) ₂ RhCl ₆ 99.99	Rhodium in HCl (v/v)	1,000	100ml
PRB2A2	RbNO ₃ 99.99	Rubidium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PRU2A8	(NH ₄) ₂ RuCl ₆ 99.99	Ruthenium in 5% HCl (v/v)	1,000	100ml
PSM2A2	Sm ₂ O ₃ 99.999	Samarium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSC2A2	Sc ₂ O ₃ 99.999	Scandium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSE2A2	Se 99.999	Selenium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSI2A9	(NH ₄) ₂ SIF ₆ 99.99	Silicon in 0.05% HF (v/v)	1,000	100ml
PAG2A2	Ag 99.999	Silver in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PNA2A	NaNO ₃ 99.99	Sodium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSR2A2	SrCO ₃ 99.995	Strontium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PS2A7	(NH ₄) ₂ SO ₄ 99.999	Sulphur in H ₂ O	1,000	100ml
PTA2A9	Ta 99.98	Tantalum in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PTE2A10	Te 99.999	Tellurium in 20% HCl (v/v)	1,000	100ml
PTB2A2	Tb ₂ O ₃ 99.999	Terbium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PTI2A2	TiNO ₃ 99.9995	Thallium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PTH2A2	Th ₂ O ₃ 99.95	Thorium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PTM2A2	Tm ₂ O ₃ 99.99	Thulium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PSN2A5	Sn 99.999	Tin in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PTI2A9	Ti 99.98	Titanium in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
PW2A7	W 99.99+	Tungsten in 2% NH ₄ OH (v/v)	1,000	100ml
PU2A2	U ₃ O ₈ 99.95	Uranium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PV2A19	NH ₄ VO ₃ 99.95+	Vanadium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PYB2A2	Yb ₂ O ₃ 99.99	Ytterbium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PY2A2	Y ₂ O ₃ 99.999	Yttrium in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PZN2A2	Zn 99.999	Zinc in 2 - 5% HNO ₃ (v/v)	1,000	100ml
PZR2A2	Zr 99.98	Zirconium in 1%HF + 5% HNO ₃ (v/v)	1,000	100ml
Product No.	Elements	Matrix	Pack Size	
ICP23A20	ICP Multi Element Standard - Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Mo, Ni, P, Se, Sr, Ti, Sn, Ti, V & Zn @ 100ppm	5% HNO ₃ & 0.2% HF	100ml	
ICP19A10	ICP Multi Element Standard - Al 100ppm, Ba 5ppm, Be 1ppm, Bi, 200ppm, B 15ppm, Cd 20ppm, Cr 25ppm, Co 20ppm, Cu 30ppm, Ga 150ppm, In 200ppm, Fe 15ppm, Pb 200ppm, Mn 5ppm, Ni 50ppm, Ag 50ppm, Sr 1ppm, Ti 40ppm, Zn 20ppm	5% HNO ₃	100ml	
ICP15A10	ICP Multi Element Standard - Al, Ba, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, Na, Ti & Zn @ 100ppm	5% HNO ₃	100ml	
ICP7A20	ICP Multi Element Standard - Al 100ppm, Ba 100ppm, B 100ppm, K 1,000ppm, Si 500ppm, Ag 50ppm & Na 100ppm	5% HNO ₃ & 0.2% HF	100ml	

Ion Chromatography Standards

Anion Standards

Product No	Ion	Starting Material	Matrix	Concentration	Pack Size
Acetate					
ICAS35	CH ₃ COO ⁻	Sodium Acetate	H ₂ O	1mg/ml (1,000ppm)	100ml
Bromate					
ICAS3301	BrO ₃ ⁻	Potassium Bromate	H ₂ O	1mg/ml (1,000ppm)	100ml
Bromide					
ICAS01	Br ⁻	KBr	H ₂ O	1mg/ml (1,000ppm)	100ml
Chlorate					
ICACL001	ClO ₃ ⁻	Potassium Chlorate	H ₂ O	1mg/ml (1,000ppm)	100ml
Chloride					
ICAS02			H ₂ O	1mg/ml (1,000ppm)	100ml
Chlorite					
ICAS321	ClO ₂ ⁻	Sodium Chlorite	H ₂ O	1mg/ml (1,000ppm)	100ml
Chromate					
ICAS29	CrO ₄ ²⁻	NH ₄ Cr ₂ O ₇	H ₂ O	1mg/ml (1,000ppm)	100ml
Cyanide					
ICAS08	CN ⁻	NaCN	H ₂ O	1mg/ml (1,000ppm)	100ml
Fluoride					
ICAS03	F ⁻	NaF	H ₂ O	1mg/ml (1,000ppm)	100ml
Formate					
ICAS34	HCOO ⁻	Sodium Formate	H ₂ O	1mg/ml (1,000ppm)	100ml
Iodide					
ICAS40	I ⁻	NH ₄ I	H ₂ O	1mg/ml (1,000ppm)	100ml
Nitrate					
ICAS04	NO ₃ ⁻	NH ₄ NO ₃	H ₂ O	1mg/ml (1,000ppm)	100ml
Nitrite					
ICAS11	NO ₂ ⁻	NaNO ₂	H ₂ O	1mg/ml (1,000ppm)	100ml
Oxalate					
ICAS13	(COO) ₂ ²⁻	K ₂ C ₂ O ₄	H ₂ O	1mg/ml (1,000ppm)	100ml
Phosphate					
ICAS05	PO ₄ ³⁻	NH ₄ H ₂ PO ₄	H ₂ O	1mg/ml (1,000ppm)	100ml
Silica					
ICAS12	SiO ₂	Na ₂ O.Si	H ₂ O	1mg/ml (1,000ppm)	100ml
Sulphate					
ICAS06	SO ₄ ²⁻	(NH ₄) ₂ SO ₄	H ₂ O	1mg/ml (1,000ppm)	100ml
Tartrate					
ICAS36	(CHOH) ₂ (COO) ₂ ²⁻	Tartaric Acid	H ₂ O	1mg/ml (1,000ppm)	100ml

Cation Standards

Product No.	Ion	Starting Material	Matrix	Concentration	Pack Size
Aluminium					
ICCS06	Al ³⁺	Al(NO ₃) ₃	H ₂ O	1mg/ml (1,000ppm)	100ml
Ammonium					
ICCS01	NH ₄ ⁺	NH ₄ Cl	H ₂ O	1mg/ml (1,000ppm)	100ml
Barium					
ICCS44	Ba ²⁺	Ba(NO ₃) ₂	H ₂ O	1mg/ml (1,000ppm)	100ml
Cadmium					
ICCS09	Cd ²⁺	Cd Metal	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Calcium					
ICCS08	Ca ²⁺	Ca(NO ₃) ₂	H ₂ O	1mg/ml (1,000ppm)	100ml
Cesium					
ICCS91	Cs ⁺	CsNO ₃	H ₂ O	1mg/ml (1,000ppm)	100ml
Cobalt					
ICCS15	Co ²⁺	Co Metal	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Copper					
ICCS16	Cu ²⁺	Cu Metal	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Iron					
ICCS12	Fe ²⁺	Fe(NO ₃) ₃	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Lead					
ICCS19	Pb ²⁺	Pb(NO ₃) ₂	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Lithium					
ICCS02	Li ⁺	LiNO ₃	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Magnesium					
ICCS07	Mg ²⁺	Mg(NO ₃) ₂	H ₂ O	1mg/ml (1,000ppm)	100ml
Manganese					
ICCS11	Mn ²⁺	Mn Metal	H O	1mg/ml (1,000ppm)	100ml
Nickel					
ICCS14	Ni ²⁺	Ni Metal	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Potassium					
ICCS03	K ⁺	KNO ₃	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Sodium					
ICCS04	Na ⁺	NaNO ₃	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Strontium					
ICCS43	Sr ²⁺	Sr(NO ₃) ₂	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml
Zinc					
ICCS33	Zn ²⁺	Zn Metal	0.005% HNO ₃	1mg/ml (1,000ppm)	100ml

Atomic Absorption Standards

Single Element Atomic Absorption Standards

Product No.	Description	Pack Size
AAALH	Aluminium Standard 1000ppm in 0.5M Nitric Acid	500ml
AASBH	Antimony Standard 1000ppm in Water	500ml
AAASH	Arsenic (III) Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAAS05H	Arsenic (V) Standard 1000ppm in 1M Nitric Acid	500ml
AABAH	Barium Standard 1000ppm in 0.5M Nitric Acid	500ml
AABEH	Beryllium Standard 1000ppm in 1M Hydrochloric Acid	500ml
AABIH	Bismuth Standard 1000ppm in 0.5M Nitric Acid	500ml
AAB-H	Boron Standard 1000ppm in Water	500ml
AACDH	Cadmium Standard 1000ppm in 0.5M Nitric Acid	500ml
AACAH	Calcium Standard 1000ppm in 0.5M Nitric Acid	500ml
AACEH	Cerium Standard 1000ppm in 2.5% Nitric Acid	500ml
AACSH	Cesium Standard 1000ppm in 1M Nitric Acid	500ml
AACRH	Chromium Standard 1000ppm in 0.5M Nitric Acid	500ml
AACOH	Cobalt Standard 1000ppm in 0.5M Nitric Acid	500ml
AACUH	Copper Standard 1000ppm in 0.5M Nitric Acid	500ml
AAGDH	Gadolinium Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAGAH	Gallium Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAGEH	Germanium Standard 1000ppm in 1% Hydrofluoric Acid & 5% Nitric Acid	500ml
AAAUH	Gold Standard 1000ppm in 2M Hydrochloric Acid	500ml
AAINH	Indium Standard 1000ppm in 1M Nitric Acid	500ml
AAIRH	Iridium Standard 1000ppm in 10% Hydrochloric Acid	500ml
AAFEH	Iron Standard 1000ppm in 0.5M Nitric Acid	500ml
AALAH	Lanthanum Standard 1000ppm in 1M Nitric Acid	500ml
AAPBH	Lead Standard 1000ppm in 0.5M Nitric Acid	500ml
AALIH	Lithium Standard 1000ppm in 0.5M Nitric Acid	500ml
AALUH	Lutetium Standard 1000ppm in 2% Nitric Acid	500ml
AAMGH	Magnesium Standard 1000ppm in 0.5M Nitric Acid	500ml
AAMNH	Manganese Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAHGH	Mercury Standard 1000ppm in 0.5M Nitric Acid	500ml
AAMOH	Molybdenum Standard 1000ppm in Water	500ml
AANIH	Nickel Standard 1000ppm in 0.5M Nitric Acid	500ml
AAPDH	Palladium Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAP-H	Phosphorus Standard 1000ppm in Water	500ml
AAPTH	Platinum Standard 1000ppm in 1M Hydrochloric Acid	500ml
AAK-H	Potassium Standard 1000ppm in 0.5M Nitric Acid	500ml
AARHH	Rhodium Standard 1000ppm in 1M Nitric Acid	500ml
AASMH	Samarium Standard 1000ppm in 2-5% Nitric Acid	500ml
AASEH	Selenium Standard 1000ppm in 0.5M Nitric Acid	500ml
AASIH	Silicon Standard 1000ppm in Water	500ml
AAAGH	Silver Standard 1000ppm in 0.5M Nitric Acid	500ml
AANAHA	Sodium Standard 1000ppm in 0.5M Nitric Acid	500ml
AASRH	Strontium Standard 1000ppm in 0.5M Nitric Acid	500ml
AAS-H	Sulphur Standard 1000ppm in Water	500ml
AATEH	Tellurium Standard 1000ppm in 1M HCl	500ml
AATLH	Thallium Standard 1000ppm in 0.5M Nitric Acid	500ml

Product No.	Description	Pack Size
AATTH	Thorium Standard 1000ppm in 1M Nitric Acid	500ml
AASNH	Tin Standard 1000ppm in 1M Hydrochloric Acid	500ml
AATIH	Titanium Standard 1000ppm in Water	500ml
AAW-H	Tungsten Standard 1000ppm in Water	500ml
AAUH	Uranium Standard 1000ppm in 1M Nitric Acid	500ml
AAV-H	Vanadium Standard 1000ppm in 0.5M Nitric Acid	500ml
AAYBH	Ytterbium Standard 1000ppm in 2% Nitric Acid	500ml
AAZNH	Zinc Standard 1000ppm in 0.5M Nitric Acid	500ml
AAZRH	Zirconium Standard 1000ppm in 1M Hydrochloric Acid	500ml

Total Acid Number/ Total Base Number Standards & Reagents

TAN Standards: All in a Synthetic Base Oil Matrix

Product No.	Description	Pack Size
RETAN0.5	TAN standard: 0.5 mg/g KOH	50g
RETAN01	TAN standard: 0.1mg/g KOH	50g
RETAN05	TAN standard: 0.5 mg/g KOH	50g
RETAN10	TAN standard: 1.0 mg/g KOH	50g
RETAN15	TAN standard, 1.5mg/g KOH	50g
RETAN20	TAN standard: 2.0mg/g KOH	50g
RETAN25	TAN standard: 2.5mg/g KOH	50g
RETAN30	TAN standard: 3.0mg/g KOH	50g
RETAN45	TAN standard: 4.5 mg/g KOH	50g

TBN Standards: All in a Synthetic Base Oil Matrix

Product No.	Description	Pack Size
RETBN1	TBN Standard: 1.0 mg/g KOH	50g
RETBN3	TBN Standard: 3.0 mg/g KOH	50g
RETBN6	TBN Standard: 6.0 mg/g KOH	50g
RETBN10	TBN Standard: 10 mg/g KOH	50g
RETBN15	TBN Standard: 15 mg/g KOH	50g
RETBN30	TBN Standard: 30 mg/g KOH	50g
RETBN40	TBN Standard: 40 mg/g KOH	50g
RETBN70	TBN Standard: 70 mg/g KOH	50g

Flame Photometry Standards

Industrial Standards

Product No.	Description	Concentration	Pack Size
FIBA1	Barium	1,000ppm	500ml
FICA1	Calcium	1,000ppm	500ml
FICS1	Cesium	1,000ppm	500ml
FILI1	Lithium	1,000ppm	500ml
FINA1	Sodium	1,000ppm	500ml
FIK1	Potassium	1,000ppm	500ml
FISR1	Strontium	1,000ppm	500ml
FIRB1	Rubidium	1,000ppm	500ml

Colour (Color) Standards

ASTM, Saybolt, Platinum-Cobalt (Hazen), Gardner, European and United States Pharmacopoeia

Standard Solutions

Product No.	Description	Pack Size
EP703	European Pharmacopoeia Standard Solution B (Brown)	125ml
EP704	European Pharmacopoeia Standard Solution BY (Brownish Yellow)	125ml
EP705	European Pharmacopoeia Standard Solution GY (Greenish Yellow)	125ml
EP706	European Pharmacopoeia Standard Solution Y (Yellow)	125ml
EP707	European Pharmacopoeia Standard Solution R (Red)	125ml

Reagents as Outlined in Chapter 2 of European Pharmacopoeia

Product No.	Description	Pack Size
EPPOS01	European Pharmacopoeia Reagent Primary Opalescence Suspension	100ml

Platinum-Cobalt Colour Standards* (Hazen)

Product No.	Description	Pack Size
HAZ0	Colour Standard Platinum Cobalt 0 (0 Hazen units)	1L
HAZ5	Colour Standard Platinum Cobalt 5 (5 Hazen units)	1L
HAZ10	Colour Standard Platinum Cobalt 10 (10 Hazen units)	1L
HAZ15	Colour Standard Platinum Cobalt 15 (15 Hazen units)	1L
HAZ20	Colour Standard Platinum Cobalt 20 (20 Hazen units)	1L
HAZ25	Colour Standard Platinum Cobalt 25 (25 Hazen units)	1L
HAZ30	Colour Standard Platinum Cobalt 30 (30 Hazen units)	1L
HAZ40	Colour Standard Platinum Cobalt 40 (40 Hazen units)	1L
HAZ50	Colour Standard Platinum Cobalt 50 (50 Hazen units)	1L
HAZ80	Colour Standard Platinum Cobalt 80 (80 Hazen units)	1L
HAZ100	Colour Standard Platinum Cobalt 100 (100 Hazen units)	1L
HAZ150	Colour Standard Platinum Cobalt 150 (150 Hazen units)	1L
HAZ200	Colour Standard Platinum Cobalt 200 (200 Hazen units)	1L
HAZ250	Colour Standard Platinum Cobalt 250 (250 Hazen units)	1L
HAZ400	Colour Standard Platinum Cobalt 400 (400 Hazen units)	1L
HAZ500	Colour Standard Platinum Cobalt 500 (500 Hazen units)	500ml
HAZ500	Colour Standard Platinum Cobalt 500 (500 Hazen units)	1L
HAZ1000	Colour Standard Platinum Cobalt 1000 (1000 Hazen units)	1L

USP (631) Colour Standard

Product No.	Description	Pack Size
USPCS101	Colour Standard USP (631) Cupric Sulfate CS	100ml
USPCS102	Colour Standard USP (631) Ferric Chloride CS	100ml
USPCS103	Colour Standard USP (631) Cobaltous Chloride CS	100ml

Colouration - Primary Solutions

Product No.	Description	Pack Size
EPBS01	EP Reagent Coloration - Primary Solution Blue	100ml
EPRS01	EP Reagent Coloration - Primary Solution Red	100ml
EPYS01	EP Reagent Coloration - Primary Solution Yellow	100ml

Blue Horizon

Reagecon

Melting Point Standards

Product No.	Description	Certified Value	Packed in
RMP236	Caffeine	+235 to +237°C	1 x 1g
RMP165	Sulphanilamide	+164 to +166°C	1 x 1g
RMP082	Vanillin	+81 to +83°C	1 x 1g
RMP132	Phenacetin	+133 to +135°C	1 x 1g
RMP048	Benzophenone	+47 to +49°C	1 x 1g
RMP122	Benzoic Acid	+121 to +123°C	1 x 1g
RMP284	Anthraquinone	+283 to +286°C	1 x 1g
RMP053	p-Nitrotoluene	+52 to +54°C	1 x 1g
RMP246	Carbazole	+244 to +248°C	1 x 1g
RMP159	Salicylic Acid	+158 to +160°C	1 x 1g

Osmolality Standards

Product No.	Description	European Pharmacopoeia 2.2.35 United States Pharmacopoeia <785>	Pack Size
RE-OSM-50	50mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-100	100mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-200	200mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-290	290mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-300	300mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-400	400mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-500	500mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-600	600mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-700	700mOsm/Kg H ₂ O	conforms	12 x 5ml
RE-OSM-850	850mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-900	900mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-1000	1000mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-1500	1500mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-2000	2000mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-2500	2500mOsm/Kg H ₂ O	Not Applicable	12 x 5ml
RE-OSM-3000	3000mOsm/Kg H ₂ O	Not Applicable	12 x 5ml



Reagecon

European Pharmacopoeia Solutions

Reagents as outlined in Chapter 4 (4.1.1) of Ph. Eur.

Product No.	Description	Pack Size
1000401	Acetic acid (30%)	1L
1000402	Acetic acid, Dilute (12%)	1L
1000501	Acetic anhydride Solution R1	1L
1002501	Alcohol, aldehyde-free	1L
1004702	Ammonia, dilute R1	1L
1004703	Ammonia, dilute R2	1L
1005201	Ammonium Carbonate Solution	1L
1005703	Ammonium Molybdate Solution R2	1L
1007301	Anisaldehyde Solution	100ml
1007302	Anisaldehyde Solution R1	100ml
1009301	Barium Chloride Solution R1	1L
1009401	Barium Hydroxide Solution	1L
1011601	Biuret reagent	100ml
1012601	Bromocresol Green Solution	100ml
1012602	Bromocresol Green - Methyl Red Mixed Indicator	100ml
10126021	Bromocresol Green - Methyl Red Mixed Indicator	1L
10126025	Bromocresol Green - Methyl Red Mixed Indicator	5L
1012701	Bromocresol Purple Indicator Solution 0.04%	100ml
1012801	Bromophenol Blue Solution	100ml
1012803	Bromophenol Blue Solution R2	100ml
1012901	Bromothymol Blue Solution R1	100ml
1012903	Bromothymol Blue Solution R3	2 x 500ml
1015201	Calcium Sulphate Solution	1L
1022001	Congo Red Solution	1L
1022002	Congo Red Paper	100pk
1022901	Crystal Violet Solution (Non-aqueous indicator)	100ml
1023100	Cupri-Citric Solution	1L
1023300A	Cupri-Tartaric Solution 1	500ml
1023300B	Cupri-Tartaric Solution 2	500ml
1032101	Diphenylamine Solution	1L
10321011	Diphenylamine Solution	100ml
1032102	Diphenylamine Solution R1	1L
103110101	Dimidium Bromide Disulphine Blue Mixed Indicator	100ml
1031101	Dimidium Bromide Disulphine Blue Mixed Indicator	1L
1031101-500	Dimidium Bromide - Sulphan Blue Mixed Indicator	500ml
1037702	Ferric Ammonium Sulphate R2	1L
1038100	Ferriin Solution	100ml
1039101	Formaldehyde Solution	100ml
1039401	Fuchsin Solution, Decolorised	100ml
1039402	Fuchsin Solution, Decolorised R1	100ml
1043101	Holmium Perchlorate Solution	1L
1043501	Hydrochloric Acid R1	1L
1043503	Hydrochloric Acid, Dilute	1L
1043504	Hydrochloric Acid, Dilute R1	1L
1045901	Iodine Bromide Solution	1L
1046300	Iodoplatinate	200 mL
1048001	Lanthanum Nitrate Solution	1L
1048101	Lead Acetate Cotton	10g
1048102	Lead Acetate Paper	50pk
1048103	Lead Acetate Solution	1L
1052101	Mercuric Bromide Paper	50pk
1053601	Methoxyphenylacetic	100ml
1054801	Methyl Orange Mixed Solution	100ml
1054802	Methyl Orange Solution	100ml
1055101	Methyl Red Mixed Solution	100ml
1055102	Methyl Red Indicator Solution 0.02%	100ml

Product No.	Description	Pack Size
1056801	Mordant Black 11 Triturate	100g
1056700	Molybdovanadic	100ml
1057601	Naphtolbenzein Solution	100ml
1058201	Nile Blue A Solution	100ml
1058303	Ninhydrin Solution	100ml
1058304	Ninhydrin Solution R1	100ml
1058305	Ninhydrin Solution R2	100ml
1058402	Nitric acid, Dilute	100ml
1062901	Perchloric Acid Solution	100ml
1063601	Phenol Red Indicator Solution	100ml
1063603	Phenol Red Solution R2	500ml
1063702	Phenolphthalein Solution	100ml
1063703	Phenolphthalein Solution R1	100ml
1064501	Phenylhydrazine Hydro Chloride Solution	2 x 500ml
1065000	Phosphomolybdotungstic Solution	100ml
1065200	Phosphotungstic Acid Solution	100ml
1065801	Picric Acid Solution	100ml
1065802	Picric Acid Solution R1	100ml
1069101	Potassium Chloride, 0.1M	1L
1069201	Potassium Chromate Solution	1L
1069501	Potassium Dichromate Solution	1L
106950105	Potassium Dichromate Solution	500ml
10695015	Potassium Dichromate Solution	5L
1069801	Potassium Ferrocyanide Solution	100ml
1070001	Potassium Hydrogen Phthalate, 0.2M	1L
1070302	Potassium Hydroxide in Alcohol (10% v/v) 0.5M	1L
1070303	Potassium Hydroxide in Alcohol	100ml
1070501	Potassium Iodide & Starch Solution	125ml
1070502	Potassium Iodide Solution	1L
1070504	Potassium Iodide Solution Saturated	500ml
1070600	Potassium Iodobismuthate Solution	100ml
1070602	Potassium Iodobismuthate Solution R2	100ml
1070902	Potassium Permanganate Solution	1L
1071301	Potassium Pyroantimonate Solution	125ml
1071600-A	Potassium Tetraiodomercurate Solution Alkaline Part A	100ml
1071600-B	Potassium Tetraiodomercurate Solution Alkaline Part B	100ml
1075201	Ruthenium Red Solution	100ml
1078301	Silver Nitrate Solution R1	1L
1078302	Silver Nitrate Solution R2	1L
1079301	Sodium Carbonate Solution	1L
1081401	Sodium Hydroxide Solution	1L
1081402	Sodium Hydroxide Solution Dilute	1L
1081404	Sodium Hydroxide Solution Strong	1L
10816005	Sodium Hypochlorite Solution Strong	500ml
1083901	Sodium Sulphide Solution	100ml
1085001	Stannous Chloride Solution	100ml
1085103	Starch Solution	100ml
1086500	Sulfomolybdic Reagent R3	1L
1095502TO	Carbon Dioxide Free Water	1L
1086804	Sulphuric Acid Dilute Solution	1L
1088600	Tetramethylammonium Hydroxide Solution	1L
1089602	Thioacetamide Solution	1L
1090701	Thymolphthalein 0.05% Indicator Solution	1L
1094201	Tris(hydroxymethyl) Aminomethane Solution	100ml
1095502	Carbon Dioxide Free Water	1L
1096601	Zinc Chloride Formic Acid Solution	1L
1096602	Zinc Chloride Solution Iodinated	1L
1102301	Zinc Acetate Solution	1L

Accreditations at Reagecon

ISO 9001:2015 (Ref No. 19.2769)

- Registration number 19.2769
- Accreditation held since May 1988
- Certificate of Registration of Quality Management System covering the manufacture and distribution of chemicals, reagents, consumables, apparatus, safety and scientific equipment. The provision of IQ/OQ, equipment maintenance and calibration services. The provision of Vendor Managed Inventory (VMI) services to allow customers to outsource the management and replenishment of their consumables and equipment.

Accreditations ISO/IEC 17025 (A2LA Ref: 6739.03)

Hold accreditation to ISO 17025 since May 1988. The accredited test methods are used to analyse and report the results for a wide variety of products in the following families:

- pH Buffers
- Conductivity Standards
- Analytical Volumetric Standards
- Brix Standards
- Refractive Index Standards
- Density Standards
- Total Acid/Total Base No. (TAN/TBN) Standards
- Total Organic/Inorganic Carbon (TOC/TIC) Standards
- Osmolality Standards

For more information see our full scope of Accreditation

Accreditations ISO/IEC 17025 (A2LA Ref: 6739.02)

Calibration of the following devices:

Weighing Devices 1mg-160kg

Calibration of Temperature Measuring Equipment

Digital Thermometer with Probes -45°C to 400°C

Temperature Control Enclosures

Freezers, Refrigerators, Baths, Incubators and Ovens in the temperature range of -45°C to 140°C





Reagecon

Physical & Chemical Standards Compendium



QUALITY
I.S. EN ISO 9001:2008
NSAI Certified

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