

# Chemistry

Charles's Law	276	Electrolysis	275	Molecular Sets	274
Chemicals	272	Kipps Apparatus	275	Thermometers	276
Classifying Materials	274	Measuring Scales & Balances	277	Vacuum Pumps	275

Full range of Chemistry products available at:

www.rapidonline.com



Chemicals A		Order code	1+
Acetone LR (Propanone LR) ((CH3)2CO)	500ml	52-7400	4.54
Acetone LR (Propanone LR) ((CH3)2CO)	1L	52-7401	5.17
Acetone LR (Propanone LR) ((CH3)2CO)	2.5L	52-7402	10.74
Agar fine powder	100g	52-7403	8.15
Agar fine powder	250g	52-7404	16.42
Albumen Egg Powder	100g	52-7405	5.09
Albumen Egg Powder	250g	52-7406	10.40
Aluminium Oxide LR (Alumina) (Al2O3)	500g	52-7407	3.79
Aluminium Powder Fine (AI)	500g	52-7408	18.69
4-Aminobenzoic Acid as Alternative	100g	52-7616	9.93
Di-Ammonium Iron (II) Sulphate 6-Water LR, (NH4)2SO4FeSO3.6H2O 500g	500g	52-7409	15.21
Ammonium Nitrate LR (NH4NO3)	500g	52-7410	5.68
Amylase (Bacterial Source)	10g	52-7411	4.04
Amylase (Bacterial Source)	25g	52-7412	5.55
Amylase (Bacterial Source)	100g	52-7413	21.80
Chemicals B			
Benedict's Reagent (Qualitative)	2.5L	52-7414	9.40
Benedict's Reagent (Qualitative)	500ml	52-7415	3.10
Benzoic acid	100g	52-7615	2.30
Benzyl Alcohol (Phenylmethanol)	200ml	52-7614	5.00
Bicarb indicator	500ml	52-7416	2.21
Biuret Reagent (Working) Solution	500ml	52-7417	3.40
Buffer Solution Borate pH10	500ml	52-7418	3.52
Buffer Solution Phthalate pH3	500ml	52-7419	3.52
Buffer Solution Phthalate pH4	500ml	52-7420	3.52
Buffer Solution Phthalate pH5	500ml	52-7421	3.52
Buffer Solution Phosphate pH6	500ml	52-7422	3.52
Buffer Solution Phosphate pH7	500ml	52-7423	3.52
Buffer Solution Borate pH8	500ml	52-7424	3.52
Buffer Tablets pH4 (Phthalate)	Pk of 50	52-7425	11.43
Buffer Tablets pH7 (Phosphate)	Pk of 50	52-7426	11.43
Buffer Tablets pH9.2 (Borate)	Pk of 50	52-7427	11.79
Butan-1-ol	500ml	52-7586	5.34
Butan-2-ol	500ml	52-7587	5.21
Butanal	100ml	52-7588	5.54
Butane-1,4-Diamine, (1,4-Diaminobutane), C4H12N	250g	52-7618	18.29
Butanoic acid	100ml	52-7589	10.12
Chemicals C			
Calcium carbide	100g	52-7590	5.63
Calcium Chloride Fused Granular Size 2.0- (CaCl2)	500g	52-7428	3.86
Calcium Granules (Ca)	100g	52-7429	10.22
Calcium Granules (Ca)	25g	52-7430	3.92
Calcium Sulphate LR (Plaster of Paris)	5kg	52-7431	10.08
Ceramic Fibre Wool (Mineral Wool)	500g	52-7432	5.24
Citric Acid Crystals LR (HOC(COOH)(CH2COOH)2.H2O)	500g	52-7433	5.37
Citric Acid Crystals LR Un Nr (HOC(COOH)(CH2COOH)2.H2O)	3kg	52-7434	15.07
Copper (II) Carbonate Basic LR (Cupric Carbonate Basic) (CuCO3Cu(OH)2)	500g	52-7435	11.72
Copper (II) Carbonate Basic LR (Cupric Carbonate Basic)			
(CuCO3Cu(OH)2)	250g	52-7436	6.13
Copper (II) Carbonate Basic LR Un Nr (Cupric Carbonate	2lv4	52-7437	EE 27
Basic) (CuCO3Cu(OH)2)	3kg	52-1431	55.37
Copper (2) Chloride	100g	52-7617	2.57
Copper (II) Chloride 2 Water LR (Cupric Chloride)(CuCl2.2H2O)	250g	52-7438	8.67
Copper (II) Oxide Powder LR (Cupric Oxide) (CuO)	500g	52-7439	12.70
Copper (II) Oxide Powder LR (Cupric Oxide) (CuO)	250g	52-7440	9.50
Copper (II) Sulphate 5 Water LR (Cupric Sulphate)(CuSO4.5H2O)	3kg	52-7441	15.49
	500g	52-7442	6.21
Copper (II) Sulphate 5 Water LR (Cupric Sulphate)	1kg	52-7443	8.99
(CuSO4.5H2O)	0		5.55
Copper (II) Sulphate Anhydrous LR (Cupric Sulphate	250g	52-7444	10.42
Anhydrous) (CuSO4)	0		
Copper (II) Sulphate Anhydrous LR (Cupric Sulphate	500g	52-7445	14.91
Anhydrous) (CuSO4)			
Copper foil	100g	52-7619	4.71
Copper Foil 0.10mm LR (Cu)	250g	52-7446	11.26
	500g	52-7447	17.93
	100g	52-7448	5.93
Copper Powder Precipitated (Cu)	FOC	52-7449	13.21
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu)	500g		
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red	5g	52-7591	3.57
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12)	5g 500ml	52-7591 52-7450	5.51
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12)	5g 500ml 2.5l	52-7591 52-7450 52-7451	5.51 14.71
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10)	5g 500ml	52-7591 52-7450	5.51
Copper Foil 0.10mm LR (Cu) Copper Prowder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D	5g 500ml 2.5l 250ml	52-7591 52-7450 52-7451 52-7452	5.51 14.71 8.93
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane 5% Aqueous Solution	5g 500ml 2.5l	52-7591 52-7450 52-7451	5.51 14.71
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexene LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane 5% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine)	5g 500ml 2.5l 250ml	52-7591 52-7450 52-7451 52-7452	5.51 14.71 8.93
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane 5% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2)	5g 500ml 2.5l 250ml 250ml 250ml	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454	5.51 14.71 8.93 6.35 4.71
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane 5% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.)	5g 500ml 2.5l 250ml 250ml 25g 1g	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7455	5.51 14.71 8.93 6.35 4.71 3.64
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Cyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane 5% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol (D.C.P.I.P.)	5g 500ml 2.5l 250ml 250ml 25g 1g 5g	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7455 52-7456	5.51 14.71 8.93 6.35 4.71 3.64 14.14
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D  1,6-Diaminohexane 5% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol (D.C.P.I.P.)	5g 500ml 2.5l 250ml 250ml 25g 1g 5g Pk of 10	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7455 52-7456 52-7457	5.51 14.71 8.93 6.35 4.71 3.64 14.14 7.23
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane S% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol Tablets (D.C.P.I.P.) Di(dodecanoyl)Peroxide/ Di-Lauroyl Peroxide	5g 500ml 2.5l 250ml 250ml 25g 1g 5g	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7455 52-7456	5.51 14.71 8.93 6.35 4.71 3.64 14.14
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Cyclohexane LR (C6H12) Cyclohexane LR (Geth12) Cyclohexane LR (Geth12) Cyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane S% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol (D.C.P.I.P.) 2-6 Dichlorophenolindophenol Tablets (D.C.P.I.P.) Di(dodecanoyl)Peroxide/ Di-Lauroyl Peroxide Chemicals E	5g 500ml 2.5l 250ml 250ml 25g 1g 5g Pk of 10 10g	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7454 52-7455 52-7456 52-7457 52-7592	5.51 14.71 8.93 6.35 4.71 3.64 14.14 7.23 4.38
Copper Powder Precipitated (Cu) Copper Small Pieces (Cu) Cresol red Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (C6H12) Oyclohexane LR (Tetrahydrobenzene) (C6H10) Chemicals D 1,6-Diaminohexane S% Aqueous Solution 1,6-Diaminohexane LR (Hexamethylenediamine) (NH2(CH2)6NH2) 2-6 Dichlorophenolindophenol (D.C.P.I.P.)	5g 500ml 2.5l 250ml 250ml 25g 1g 5g Pk of 10	52-7591 52-7450 52-7451 52-7452 52-7453 52-7454 52-7455 52-7456 52-7457	5.51 14.71 8.93 6.35 4.71 3.64 14.14 7.23

Objectively E			
Chemicals F	500ml	52-7460	4.13
Fehling's Solution No 1 Fehling's Solution No 2	500ml	52-7461	5.68
D (-) Fructose (D-Laevulose) (C6H1206)	100g	52-7462	2.50
Formaldehyde (Methanal) LR (LQ 5L) UN2209, Solution, 8, III	100ml	52-7622	1.63
Chemicals G	05.	F0 7400	
D (+) Galactose Anhydrous LR (C6H12O6)	25g	52-7463	6.79
D-Glucose Anhydrous LR (Dextrose) (C6H12O6)	500g	52-7464	3.71
D-Glucose Monohydrate LR (Dextrose) (C6H12O6)	500g	52-7465	3.30
Glycerol (Glycerine) LR (Propane-1,2,3-Triol) (HOCH2CH(OH)	500ml	52-7466	9.28
CH2OH)	3001111	32-1400	3.20
Glycerol (Glycerine) LR (Propane-1,2,3-Triol) (HOCH2CH(OH)	2.5L	52-7467	21.16
CH2OH)	Z.JL	32-1401	21.10
Chemicals H			
Hydrochloric Acid 0.1M (0.1N) Standard Solution (HCl)	2.5L	52-7468	8.05
Hydrochloric Acid 1M (N) Standard Solution (HCl)	1L	52-7469	5.06
Hydrochloric Acid 1M (N) Standard Solution (HCl)	2.5L	52-7470	9.91
Hydrochloric Acid 2M (2N) Standard Solution (HCI)	1L	52-7471	3.50
Hydrochloric Acid 2M (2N) Standard Solution (HCI)	2.5L	52-7472	8.47
Hydrochloric Acid 36% AR (HCI)	1L	52-7473	6.21
Hydrochloric Acid 36% LR (HCI)	1L	52-7474	5.63
Hydrochloric Acid 36% LR (HCl)	2.5L	52-7475	10.42
Hydrogen Peroxide 100 Volume (H202)	500ml	52-7476	4.59
Hydrogen Peroxide 100 Volume (H2O2)	1L	52-7477	5.68
Hydrogen Peroxide 100 Volume (H2O2)	2L	52-7478	11.54
Hydrogen Peroxide 20 Volume (H2O2)	2L	52-7479	7.43
Chemicals I			
Iodine Resublimed LR (I2)	100g	52-7480	12.70
Iodine Solution with 1% Potassium Iodide	500ml	52-7481	4.96
1-lodobutane LR (Butyl lodide) (CH3(CH2)3I)	25ml	52-7482	11.00
Iron (II) Sulphate 7-Water LR (Ferrous Sulphate) (FeSO4.7H2O)	500g	52-7483	11.00
		_	
Iron (3) Nitrate	250g	52-7620	4.86
Iron (III) Nitrate 9 - Water LR (Ferric Nitrate) (Fe(N03)3.9H20)		52-7484	10.89
Iron (III) Oxide Calcined LR (Ferric Oxide) (Fe2O3)	500g	52-7485	4.15
Iron-Filings Coarse (Fe)	500g	52-7487	3.61
Iron-Filings Coarse (Fe)	3kg	52-7488	10.32
Iron Filings Fine (Fe)	500g	52-7486	2.96
Iron-Filings Fine (Fe)	3kg	52-7489	10.32
Iron-Powder, Reduced By Hydrogen (Fe)	500g	52-7490	11.14
Isoamyl (Isopentyl) Alcohol	200ml	52-7613	3.60
Chemicals L			
L-Ascorbic Acid (Vitamin C ) (C6H8O6)	100g	52-7491	3.66
	250g		
Lead Carbonate		52-7596	10.02
Lead (2) Nitrate	250g	52-7621	6.57
Lead (II) Nitrate LR (Pb(NO3)2)	500g	52-7492	11.09
Lead Foil LR 0.5mm (Pb)	500g	52-7493	7.71
Lime Water (Calcium Hydroxide Solution)		52-7493 52-7494	7.71 6.72
	500g	52-7493	7.71
Lime Water (Calcium Hydroxide Solution)	500g 2.5I	52-7493 52-7494	7.71 6.72
Lime Water (Calcium Hydroxide Solution) Lipase	500g 2.5l 10g	52-7493 52-7494 52-7495	7.71 6.72 6.09
Lime Water (Calcium Hydroxide Solution) Lipase Lipase	500g 2.5l 10g 25g	52-7493 52-7494 52-7495 52-7496	7.71 6.72 6.09 10.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCl) Lithium Metal in Liquid Paraffin (Li)	500g 2.5l 10g 25g 100g 10g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498	7.71 6.72 6.09 10.21 8.87 10.71
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO)	500g 2.5l 10g 25g 100g	52-7493 52-7494 52-7495 52-7496 52-7497	7.71 6.72 6.09 10.21 8.87
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCt) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M	500g 2.5l 10g 25g 100g 10g 1g	52-7494 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499	7.71 6.72 6.09 10.21 8.87 10.71 7.29
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg)	500g 2.5l 10g 25g 100g 10g 1g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499	7.71 6.72 6.09 10.21 8.87 10.71 7.29
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCl) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499 52-7500 52-7501	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499 52-7500 52-7501 52-7502	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sliphate 7-Water LR (MgS04.7H20)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 1kg	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499 52-7500 52-7500 52-7502 52-7503	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 1kg 100g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02)	500g 2.5i 10g 2.5g 100g 10g 1g 10g 1g 100g 500g 25g 1kg 100g 250g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02)	500g 2.5i 10g 2.5g 100g 10g 1g 10g 1g 100g 500g 25g 1kg 100g 250g 500g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Libase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22OI1.H2O) Manganese (IV) Oxide, Precipitated LR (Mn02) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaC03)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 14g 100g 500g 25g 1kg 100g 500g 3kg	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7506 52-7507	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Stibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 1kg 100g 25g 1kg 100g 500g 3kg 3kg	52-7493 52-7494 52-7495 52-7496 52-7497 52-7499 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7507 52-7507 52-7507	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 5.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Libase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22OI1.H2O) Manganese (IV) Oxide, Precipitated LR (Mn02) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaC03)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 14g 100g 500g 25g 1kg 100g 500g 3kg	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7506 52-7507	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Stibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3)	500g 2.5l 10g 25g 100g 10g 1g 100g 500g 25g 1kg 100g 25g 1kg 100g 500g 3kg 3kg	52-7493 52-7494 52-7495 52-7496 52-7497 52-7499 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7507 52-7507 52-7507	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 5.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Prowder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol	500g 2.5l 10g 25g 100g 1g 100g 500g 25g 100g 500g 25g 100g 500g 25g 1kg 100g 500g 3kg 3kg 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7501 52-7503 52-7504 52-7505 52-7506 52-7506 52-7507 52-7508 52-7508 52-7508	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 5.00 1.63
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Wibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Marganese (IV) Oxide, Precipitated LR (Mn02) Marble Chips 4-6mm (CaC03) Marble Chips Medium - Large (CaC03) Methanolic Acid Methanolic Acid	500g 2.5l 10g 25g 100g 10g 10g 10g 500g 25g 1kg 100g 25og 500g 3kg 100ml 250ml 500ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509	7.71 6.72 6.09 10.21 8.87 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 5.00 1.63 2.43 3.31
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H2O) Maltose LR (C12H22OI1.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Manganese (IV) Oxide - Powder (Manganese Dioxide) (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol Methannol Methannol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH)	500g 2.5l 10g 25g 100g 10g 10g 10g 1g 10g 500g 500g 25g 1kg 100g 25g 1kg 100g 250g 10g 250g 500g 10g 250g 500g 250g 10g 250g 10g 250g 500g 250g 10g 250g 250g 250g 250g 250g 250g 250g 25	52-7493 52-7494 52-7495 52-7496 52-7497 52-7497 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7507 52-7508 52-7508 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 2.43 3.31 8.47
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Manganese (IV) Oxide - Prowder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methannol Methannol CAId Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W,/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)	500g 2.5l 10g 25g 100g 10g 10g 10g 10g 500g 25g 1kg 100g 500g 25g 1kg 100g 500g 3kg 3kg 3kg 100m 500g 250g 500g 250g 500g 250g 500g 250g 500g 250g 500g 5	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7506 52-7507 52-7508 52-7508 52-7508 52-7508 52-7508 52-7508 52-7508 52-7509 52-7509 52-7509 52-7509 52-7509 52-7508 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509	7.71 6.72 6.09 10.21 8.87 7.29 7.74 4.85 8.00 6.77 13.93 7.23 5.00 1.63 3.31 8.47 5.86
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Malltose LR (C12H22011.H20) Manganese (IV) Oxide - Powder (Manganese Dioxide) (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol Methanol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH) Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH) 2-Methylpropan-1-ol (Isobutyl alcohol)	500g 2.5l 10g 2.5l 10g 10g 1g 10g 1g 100g 25g 1kg 100g 25g 1kg 100g 3kg 3kg 100ml 250ml 500ml 250ml 250ml 250ml 250ml 250ml 250ml 30ml 250ml 30ml 30ml 30ml 30ml 30ml 30ml 30ml 3	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7507 52-7507 52-7507 52-7509 52-7509 52-7509 52-7511 52-7511 52-7511	7.71 6.72 6.09 10.21 8.87 7.74 18.71 4.23 4.85 5.00 6.77 13.93 7.23 5.00 1.63 2.43 3.31 8.47 5.86 2.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Matlose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Marbie Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)	500g 2.5l 10g 25g 100g 10g 10g 10g 10g 500g 25g 1kg 100g 500g 25g 1kg 100g 500g 3kg 3kg 3kg 100m 500g 250g 500g 250g 500g 250g 500g 250g 500g 250g 500g 5	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7506 52-7507 52-7508 52-7508 52-7508 52-7508 52-7508 52-7508 52-7508 52-7509 52-7509 52-7509 52-7509 52-7509 52-7508 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509 52-7509	7.71 6.72 6.09 10.21 8.87 7.29 7.74 4.85 8.00 6.77 13.93 7.23 5.00 1.63 3.31 8.47 5.86
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Marble Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methanol Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (CH50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)	500g 2.5l 10g 2.5l 10g 25g 100g 11g 100g 500g 25g 1kg 100g 500g 25g 3kg 3kg 3kg 3kg 30m 250ml 250ml 100ml 250ml 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509 52-7510 52-7509 52-7510 52-7509 52-7510 52-7510 52-7510 52-7510	7.71 6.72 6.09 10.21 7.74 18.71 4.85 8.00 6.77 13.93 7.23 1.63 2.43 3.31 8.47 5.86 4.20 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Manganese (IV) Oxide, Precipitated LR (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol Methannol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH) Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq Ll) (CH3(CH2)4CH3)	500g 2.5l 10g 25g 100g 1g 10g 1g 100g 1g 100g 25g 100g 25g 10g 3kg 3kg 3kg 30m 100ml 500ml 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7497 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7507 52-7508 52-7507 52-7508 52-7509 52-7510	7.71 6.72 6.09 10.21 7.74 18.71 7.29 7.74 4.23 8.00 6.77 13.93 7.23 2.43 3.31 8.47 5.86 2.00 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol Methannol Methannol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3)	500g 2.5l 10g 2.5l 10g 25g 100g 11g 100g 500g 25g 1kg 100g 500g 25g 3kg 3kg 3kg 3kg 30m 250ml 250ml 100ml 250ml 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509 52-7510 52-7509 52-7510 52-7509 52-7510 52-7510 52-7510 52-7510	7.71 6.72 6.09 10.21 7.74 18.71 4.85 8.00 6.77 13.93 7.23 1.63 2.43 3.31 8.47 5.86 4.20 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Manganese (IV) Oxide, Precipitated LR (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol Methannol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH) Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq Ll) (CH3(CH2)4CH3)	500g 2.5l 10g 25g 100g 1g 10g 1g 100g 1g 100g 25g 100g 25g 10g 3kg 3kg 3kg 30m 100ml 500ml 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7497 52-7500 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7507 52-7508 52-7507 52-7508 52-7509 52-7510	7.71 6.72 6.09 10.21 7.74 18.71 7.29 7.74 4.23 8.00 6.77 13.93 7.23 2.43 3.31 8.47 5.86 2.00 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgSO4.7H2O) Maltose LR (C12H22O11.H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Marble Chips Medium - Large (CaCO3) Marble Chips Medium - Large (CaCO3) Methanolic Acid Methanolic Acid Methanolic R (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W,/W (C2H5OH & CH3OH) Methylated Spirit Industrial 98/1960 (CH5OH) Methylated Spirit Industrial 98/	500g 2.51 10g 2.51 10g 25g 100g 10g 11g 10g 500g 25g 10g 500g 38g 38g 100ml 250ml 100ml 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509 52-7510 52-7510 52-7511 52-7511 52-7512 52-7598	7.71 6.72 6.09 10.21 7.74 18.71 7.29 7.74 4.23 8.00 6.77 13.93 7.23 2.43 3.31 8.47 5.86 2.00 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Magnesium Sulphate 7-Water LR (MgS04.7H20) Manganesium (VI) Oxide - Precipitated LR (Mn02) Manganese (IV) Oxide - Precipitated LR (Mn02) Marble Chips 4-6mm (CaC03) Marble Chips Medium - Large (CaC03) Matchanol Methannol LR (Methyl alcohol) (CH30H) Methylated Spirit Industria 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industria 98/99% W/W (C2H50H & CH30H) 2-Methylpropan-1-ol (Isobutyl alcohol) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) Chemicals O	500g 2.51 10g 25g 100g 11g 10g 11g 100g 500g 25g 1kg 100g 25g 1kg 100g 25g 100g 100g 100g 100g 100g 100g 100g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7501 52-7502 52-7503 52-7505 52-7506 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510	7.71 6.72 6.09 10.21 8.87 7.72 18.71 4.23 4.85 6.77 13.93 7.23 5.00 6.77 13.93 2.43 3.31 8.47 2.00 4.21
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgSO4.7H2O) Maltose LR (C12H22O11.H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Marble Chips Medium - Large (CaCO3) Marble Chips Medium - Large (CaCO3) Methanolic Acid Methanolic Acid Methanolic R (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W,/W (C2H5OH & CH3OH) Methylated Spirit Industrial 98/1960 (CH5OH) Methylated Spirit Industrial 98/	500g 2.51 10g 2.51 10g 25g 100g 10g 11g 10g 500g 25g 10g 500g 38g 38g 100ml 250ml 100ml 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509 52-7510 52-7510 52-7511 52-7511 52-7512 52-7598	7.71 6.72 6.09 10.21 8.87 10.71 7.29 18.71 4.23 4.85 6.77 13.93 7.23 5.00 4.21 5.86 4.87 1.63 2.43 3.31 4.87 1.63 2.43 3.31 4.87 1.64 4.87 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1.64
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiC) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Manganese (IV) Oxide, Precipitated LR (Mn02) Marble Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Inineariised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylatel Spirit Mineralised (Blue) (CH50H) Methylatel Spirit Mineralised (Blue) (CH50H & CH30H) Methylatel Spirit Mineralised (Blue) (CH50H & CH30H) Methylatel Spirit Mineralised (Blue) (CH50H & CH30H) Methylatel (CH10) (CH3(CH2)4CH3) N-Hexane LR (Lq 11) (CH3(CH2)4CH3) N-Hexane LR (Lq 11) (CH3(CH2)4CH3) Chemicals O Octan-1-0 Oil Crude Synthetic (CLEAPSE formulation)	500g 2.51 10g 2.51 10g 10g 110g 110g 110g 110g 110g 110g	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7598	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 4.23 4.85 8.00 6.77 13.93 7.23 5.00 1.63 3.31 8.47 5.86 2.00 4.21 10.16
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Manganese (IV) Oxide - Precipitated LR (Mn02) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol LR (Mettyl alcohol) (CH30H) Methylated Spirit Industria 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) Chemicals O Octan-1-ol Oil Crude Synthetic (CLEAPSE formulation) Orcein Acetic Chemicals P	500g 2.51 10g 2.51 10g 25g 100g 11g 100g 500g 25g 1kg 100g 500g 25g 1kg 100ml 250ml 250ml 100ml 100ml 500ml 100ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7504 52-7506 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7510 52-7598	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 4.23 4.85 8.00 6.77 13.93 7.23 5.00 1.63 3.31 8.47 5.86 2.00 4.21 10.16
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LICI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Marbie Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methanolic Acid Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (CH50H & CH30H) Methylated Spirit Industrial 98/198/199% W/W (CH50H & CH30H) Methylated Spirit Industrial 98/199% W/W (CH50H) Methylated Spirit Industrial	500g 2.5l 10g 25g 100g 10g 10g 10g 10g 10g 10g 500g 25g 1kg 100g 25g 1kg 100g 25g 1kg 100g 25g 1kg 100g 25g 1kg 100g 25g 1kg 100g 25og 50og 25og 10g 10og 25og 50og 10g 10og 10og 25og 10og 10og 10og 10og 10og 25og 10og	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7502 52-7502 52-7503 52-7506 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7510 52-7510 52-7511 52-7598 52-7511 52-7598 52-7511 52-7598 52-7512 52-7512 52-7512 52-7512 52-7513	7.71 6.72 6.09 10.21 8.87 7.72 18.71 4.23 4.85 5.00 6.77 13.93 7.23 5.00 4.21 5.43 3.31 10.16 8.93 10.32 7.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiC) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Marble Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methanol Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Chemicals N  Ortania N  Phenoled N  Phenoled N  Phenoled Indicator  Phenolphthalein 1% Solution	500g 2.51 10g 2.51 10g 25g 100g 10g 11g 100g 500g 25g 1kg 100g 500g 3kg 3kg 3kg 3kg 100ml 100ml 100ml 500ml 100ml 500ml 500ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7511 52-7512 52-7513 52-7513 52-7511 52-7512 52-7513	7.71 6.72 6.09 10.21 8.87 10.71 7.29 18.71 4.23 4.85 8.00 6.77 13.93 7.23 5.00 4.21 10.16 8.93 10.32 7.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lipase Libaum Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22OI1.H2O) Maltose LR (C12H22OI1.H2O) Manganese (IV) Oxide, Precipitated LR (Mn02) Manganese (IV) Oxide, Previpitated LR (Mn02) Marbie Chips 4-6mm (CaC03) Marbie Chips Medium - Large (CaC03) Methanol Methanol IR (Methyl alcohol) (CH30H) Methylated Spirit Inineralised (Blue) (CO4) Methylated Spirit Inineralised (Blue) (CO4) Methylated Spirit Mineralised (Blue) (Mn02) Methylated Spirit Mineralised (Blue) (M	500g 2.51 10g 25g 100g 11g 10g 25g 100g 11g 10g 12g 10g 10g 11g 10og 10g 10g 10g 10g 10g 10g 10g 10g 10g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7507 52-7508 52-7509 52-7509 52-7511 52-7598 52-7513 52-7513 52-7513 52-7514 52-7514 52-7509	7.71 6.72 6.09 10.21 8.87 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 3.31 16.3 2.43 3.31 10.16 8.93 10.32 7.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Mallose LR (C12H22011.H20) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methannoic Acid Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated S	500g 2.51 10g 2.51 10g 25g 100g 10g 11g 100g 500g 25g 1kg 100g 500g 3kg 3kg 3kg 3kg 100ml 100ml 100ml 500ml 100ml 500ml 500ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7511 52-7512 52-7513 52-7513 52-7511 52-7512 52-7513	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 4.23 4.85 8.00 6.77 13.93 7.23 5.00 4.21 10.16 8.93 10.32 7.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiC) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide - Precipitated LR (Mn02) Marganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marbie Chips 4-6mm (CaC03) Marbie Chips Medium - Large (CaC03) Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) 2-Methylated Spirit Industrial 98/99% W/W (CH50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit (Mineralised (Blue) (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mineralised (Blue) (C2H50H & CH30H)  Methylated Spirit Mi	500g 2.51 10g 25g 100g 11g 10g 25g 100g 11g 10g 12g 10g 10g 11g 10og 10g 10g 10g 10g 10g 10g 10g 10g 10g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7507 52-7508 52-7509 52-7509 52-7511 52-7598 52-7513 52-7513 52-7513 52-7514 52-7514 52-7509	7.71 6.72 6.09 10.21 8.87 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 3.31 16.3 2.43 3.31 10.16 8.93 10.32 7.93
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgSO4.7H2O) Maltose LR (C12H22O11.H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide, Precipitated LR (MnO2) Marble Chips Medium - Large (CaCO3) Marble Chips Medium - Large (CaCO3) Methanolic Acid Methanolic Acid Methanolic Acid Methanolic Acid (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 88/99% W/W (C2H5OH & CH3OH) Methyls Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) Chemicals O Octan-1-ol Oil Crude Synthetic (CLEAPSE formulation) Orcein Acetic Chemicals P Phenol Red Indicator Phenolphthalein 1% Solution Phenolphthalein 1% Solution Phenolphthalein 1% Solution Phenolpheny Salicylate (C6H4(OH)COOC6H5)	500g 2.51 10g 2.51 10g 25g 100g 10g 11g 100g 500g 25g 1kg 100g 500g 3kg 3kg 1100ml 250ml 100ml 500ml 100ml 500ml 100ml 500ml 250ml 500ml 1250ml 250ml 250ml 250ml 250ml	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7500 52-7501 52-7502 52-7503 52-7505 52-7506 52-7507 52-7508 52-7508 52-7509 52-7510 52-7511 52-7512 52-7513 52-7525	7.71 6.72 6.09 10.21 8.87 10.71 7.29 18.71 4.23 4.85 6.06 6.77 13.93 7.23 5.00 4.21 10.16 8.93 10.32 7.93 3.64 4.75 2.48 6.14 13.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiC) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Maltose LR (C12H22011.H20) Maltose LR (C12H22011.H20) Manganese (IV) Oxide, Precipitated LR (Mn02) Marble Chips Medium - Large (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methanol Methanol Methanoland LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (CH50H) Methylated Spirit Mineralised (Blue) (CH50H & CH30H) Methylated Spirit Mineralised (Blue) (CH50H4(OH)) Methylated Spirit Mineralised (Blue) (CH50H4(OH)) Methylated Spirit Mineralised (Blue) (CH50H4(OH)) Methylated Spirit Mineralised (Blue) (Mn02) Methylated Spirit Mineralised (Blue)	500g 2.51 10g 2.51 10g 25g 100g 11g 10g 11g 10g 12g 10g 10g 11g 10og 10g 10g 10g 10g 10g 10g 10g 10g 10g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7499 52-7501 52-7501 52-7502 52-7503 52-7504 52-7505 52-7506 52-7506 52-7507 52-7508 52-7508 52-7508 52-7509 52-7511 52-7585 52-7512 52-7513 52-7512 52-7513 52-7514 52-7515 52-7515 52-7510 52-7512 52-7513 52-7512 52-7513 52-7512 52-7513 52-7512 52-7513 52-7513 52-7514 52-7600 52-7601 52-7615 52-7516 52-7516 52-7516 52-7517	7.71 6.72 6.09 10.21 8.87 10.71 7.29 7.74 18.71 4.23 4.85 8.00 6.77 13.93 7.23 7.23 5.00 4.21 10.16 8.93 10.32 7.93 10.32 10.
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCl) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Bibbon LR (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgS04.7H20) Mallose LR (C12H22011.H20) Manganese (IV) Oxide - Powder (Manganese Dioxide) (Mn02) Marble Chips 4-6mm (CaC03) Marble Chips Medium - Large (CaC03) Methanol Methannoic Acid Methanol LR (Methyl alcohol) (CH30H) Methylated Spirit Industrial 98/99% W/W (C2H50H & CH30H) Methylated Spirit Mineralised (Blue) (C2H50H) Methylated Spirit Mineralised (Blue) (C2H50H) Methylated Spirit Mineralised (Blue) (C2H50H) Methylated Spirit Mineralised (B	500g 2.51 10g 2.51 10g 25g 100g 11g 10g 11g 10g 11g 10g 10g 11g 10g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7502 52-7502 52-7503 52-7505 52-7506 52-7506 52-7507 52-7508 52-7509 52-7511 52-7585 52-7512 52-7513 52-7513 52-7513 52-7513 52-7513 52-7515 52-7510 52-7511 52-7512 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513	7.71 6.72 6.09 10.21 8.87 7.29 7.74 18.71 4.23 4.85 6.77 13.93 7.23 2.43 3.31 10.16 8.93 10.32 7.93 3.64 4.75 2.48 6.14 13.00
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCI) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NHZC6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Sulphate 7-Water LR (MgSO4.7H2O) Maltose LR (C12H22O11.H2O) Maltose LR (C12H22O11.H2O) Manganese (IV) Oxide - Precipitated LR (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 88/99% W/W (C2H5OH & CH3OH) Methylated Spirit Industrial 88/99% W/W (C2H5OH & CH3OH) Methylated Spirit Industrial 88/99% W/W (C2H5OH & CH3OH) Methyl Salicylate (Oil of Wintergreen) Chemicals N N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) N-Hexane LR (Lq 1L) (CH3(CH2)4CH3) Chemicals O Octan-1-ol Oil Crude Synthetic (CLEAPSE formulation) Orcein Acetic Chemicals P Phenol Red Indicator Phenolphthalein 1% Solution Phenolphthalein 1% Solution Phenolphthalein 1% Solution Phenyl Salicylate LR (Salol / Phenyl-2-Hydroxybenzoate) (C6H4(OH)COOC6H5) Phosphoric acid Polyvinyl Alcohol (Ethenol) (CH2 CHOH)n Potassium Bromide LR (KBr)	500g 2.51 10g 2.51 10g 10g 11g 100g 10g 11g 100g 500g 25g 1kg 100m 250m 100m 100m 100m 100m 100m 100m 100m 1	52-7493 52-7494 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7502 52-7502 52-7503 52-7506 52-7506 52-7507 52-7508 52-7508 52-7509 52-7511 52-7528 52-7512 52-7512 52-7513 52-7514 52-7515 52-7514 52-7515 52-7515 52-7515 52-7510 52-7510 52-7510 52-7510 52-7511 52-7512 52-7513	7.71 6.72 6.09 10.21 8.87 7.72 18.71 4.23 4.85 8.00 6.77 13.93 7.23 2.43 3.31 10.16 8.93 10.32 7.93 10.32 10.32 4.75 2.48 4.75 4.75 4.75 4.75 4.75 4.75 4.75 4.75
Lime Water (Calcium Hydroxide Solution) Lipase Lipase Lipase Lithium Chloride Anhydrous LR (LiCl) Lithium Metal in Liquid Paraffin (Li) Luminol (3-Aminopthalhydrazide) (NH2C6H3.CO.NH.NH.CO) Chemicals M Magnesium Powder (Mg) Magnesium Powder (Mg) Magnesium Browder (Mg) Magnesium Ribbon LR (Mg) Magnesium Sulphate 7-Water LR (MgSO4.7H2O) Mallose LR (C12H22O11.H2O) Manganese (IV) Oxide - Precipitated LR (MnO2) Manganese (IV) Oxide - Powder (Manganese Dioxide) (MnO2) Marble Chips 4-6mm (CaCO3) Marble Chips Medium - Large (CaCO3) Methanol LR (Methyl alcohol) (CH3OH) Methylated Spirit Industrial 98/99% W/W (C2H5OH & CH3OH) Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH) Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH & CH3OH)  Methylated Spirit Mineralised (Blue) (C2H5OH)  Methylated Spirit Mineralised (Blue) (C2	500g 2.51 10g 2.51 10g 25g 100g 11g 10g 11g 10g 11g 10g 10g 11g 10g 10	52-7493 52-7494 52-7495 52-7496 52-7497 52-7498 52-7501 52-7502 52-7502 52-7503 52-7505 52-7506 52-7506 52-7507 52-7508 52-7509 52-7511 52-7585 52-7512 52-7513 52-7513 52-7513 52-7513 52-7513 52-7516 52-7510 52-7511 52-7512 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513 52-7513	7.71 6.72 6.09 10.21 8.87 7.29 7.74 18.71 4.23 4.85 6.77 13.93 7.23 2.43 3.31 10.16 8.93 10.32 7.93 3.64 4.75 2.48 6.14 13.00

Potassium Chlorate Potassium Chlorate (N. L.P. (KCIO.3)	100g	52-7623 52-7521	4.39 23.49
Potassium Chlorate (V) LR (KCIO3) Potassium Chloride LR (KCI)	500g 500g	52-7522	6.39
Potassium Dihydrogen Phosphate	250g	52-7624	2.68
Potassium Dihydrogen Phosphate (V) LR (KH2PO4)	500g	52-7523	5.00
Potassium Iodide LR (KI)	100g	52-7524	11.46
Potassium Iodide LR (KI) Potassium Manganate (VII) LR (Potassium permanganate) (KMnO4)	500g 500g	52-7525 52-7526	47.49 8.15
Potassium Manganate (VII) LR (Potassium permanganate) (KMnO4)	1kg	52-7527	9.50
Potassium Nitrate	250g	52-7625	2.81
Potassium Nitrate LR (KNO3)	500g	52-7528	4.49
Propan-2-ol LR (Lq 1L) (iso-Propyl alcohol) ((CH3)2CHOH)  Propan-2-ol LR (Lq 1L) (iso-Propyl alcohol) ((CH3)2CHOH)	500ml 2.5L	52-7529 52-7530	9.32
Propan-1-ol LR (1L) (n-Propyl alcohol) (CH3CH2CH2OH)	500ml	52-7531	5.79
Propan-1-ol LR (Lq 1L) (n-Propyl alcohol) (CH3CH2CH2OH)	2.5L	52-7532	11.43
Propanoic Acid	250ml	52-7626	3.83
Propionaldehyde Propionic Acid LR (Propanoic acid) (CH3CH2COOH)	100ml 500ml	52-7604 52-7533	6.21
Chemicals S	0001111	02 1000	0.11
Salicylic Acid LR (2-Hydroxybenzoic acid) (C6H4OHCOOH)	100g	52-7534	5.74
Salicylic Acid LR (2-Hydroxybenzoic acid) (C6H4OHCOOH)	500g	52-7535	13.86
Acid Washed Sand Schiff's Aldehyde Testing Reagent	1kg 500ml	52-7536 52-7605	4.75 7.64
Sebacoyl Chloride 5% in Cyclohexane (C10H16Cl202)	100ml	52-7537	6.77
Silicone Gease	50g	52-7606	9.07
Silver Nitrate LR (AgNO3)	25g	52-7538	30.47
Silver Nitrate LR (AgNO3)  Sodium Apotato 2 Water LB (Sodium Ethanoato) (CH2COONs 2H2O)	100g	52-7539 52-7540	4.29
Sodium Acetate 3-Water LR (Sodium Ethanoate) (CH3COONa.3H2O) Sodium Alginate	25g	52-7541	3.00
Sodium Carbonate Anhydrous LR (Na2CO3)	500g	52-7542	3.10
Sodium Carbonate Anhydrous LR (Na2CO3)	1kg	52-7543	4.54
Sodium Carbonate Anhydrous LR (Na2CO3)	3kg	52-7544	7.37
Sodium Chloride LR (NaCl ) Sodium Chloride LR (NaCl )	500g 1kg	52-7545 52-7546	2.59 3.52
Sodium Chloride LR (NaCl )	3kg	52-7547	4.85
Sodium Chloride Native Rock Salt (NaCl )	1kg	52-7548	2.50
Sodium Hydrogen Carbonate LR (Sodium bicarbonate) (NaHCO3)	500g	52-7549	3.10
Sodium Hydrogen Carbonate LR (Sodium bicarbonate) (NaHCO3) Sodium Hydrogen Carbonate LR (Sodium bicarbonate) (NaHCO3)	1kg 3kg	52-7550 52-7551	2.93 8.87
Di-Sodium Hydrogen Phosphate (V)-12-Water, (Na2HP04.12H20)	500g	52-7552	9.65
Sodium Hydroxide 0.1M (0.1N) Standard Solution (NaOH)	2.5L	52-7553	7.63
Sodium Hydroxide 1.0M (1N) (NaOH)	2.5L	52-7554	9.28
Sodium Hydroxide 2M (2N) Standard Solution (NaOH)	2.5L	52-7555 52-7556	9.91
Sodium Hydroxide Pearl 98-100% LR (NaOH) Sodium Hydroxide Pellets LR (NaOH)	500g 500g	52-7557	6.39
Sodium Hydroxide Pellets LR (NaOH)	1kg	52-7558	10.02
Sodium Hypochlorite Solution	250ml	52-7627	1.66
Sodium Hypochlorite Sol 10-14% (NaClO)	500ml	52-7559	3.43
Sodium Hypochlorite Sol 10-14% (NaClO) Sodium Hypochlorite Sol 10-14% (NaClO)	1L 2.5L	52-7560 52-7561	7.46
Sodium Iodide LR (NaI)	100g	52-7562	8.89
Sodium Metabisulphite	250g	52-7607	2.03
Sodium Molybdate	50g	52-7608	20.00
Sodium Tauroglycocholate (Bile Salts) Di-Sodium Tetraborate 10-Water LR (Borax) (Na2B407.10H20)	25g 500g	52-7563 52-7564	10.25 4.15
Sodium Thiosulphate 5-Water LR (Na2S203.5H20)	3kg	52-7565	11.05
Sodium Thiosulphate 5-Water LR (Na2S203.5H20)	500g	52-7566	3.92
Starch Soluble LR	500g	52-7567	5.79
Sucrose LR (Cane sugar) (C12H22O11) Sulphuric Acid 1M Standard Solution (H2SO4)	500g 1L	52-7568 52-7569	3.92 5.58
Sulphuric Acid 2M Standard Solution (H2SO4)	1L	52-7570	5.79
Sulphuric Acid 98% LR (H2SO4)	1L	52-7571	7.85
Sulphuric Acid 98% LR (H2SO4)	2.5L	52-7572	16.94
Chemicals T Trypsin, From Beef Pancreas	10a	52-7573	10.71
Trypsin, From Beef Pancreas	10g 25g	52-7574	22.00
Chemicals U			
Universal Indicator Ph 1- 14	500ml	52-7575	10.84
Universal Indicator Ph 4-11 Universal Indicator Ph 4-11	500ml	52-7576	5.47
Chemicals V	100ml	52-7577	3.10
Vanadium Pentoxide (Vanadium V Oxide)	50g	52-7609	9.71
Chemicals W			
Water Daissiand (IIOO)	25L	52-7578	24.10
Water Deionised (H2O)		52-7579	9.28
Chemicals Y	500ø	1010	J.20
	500g		
Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide	500g 100g	52-7610	14.71
Chemicals Y Yeast Dried Active 500g Chemicals Z Zince Bromide Zinc Chloride	100g 200g	52-7612	2.92
Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Foil (Zn)	100g 200g 250g	52-7612 52-7580	2.92 12.39
Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Chloride Zinc Foil (Zn) Zinc Granulated LR (Zn)	100g 200g 250g 500g	52-7612 52-7580 52-7581	2.92 12.39 11.29
Chemicals Y Yeast Dried Active 500g Chemicals Z Zince Bromide Zinc Chloride Zinc Foil (Zn)	100g 200g 250g	52-7612 52-7580	2.92 12.39 11.29 3.50
Chemicals Y Yeast Dried Active 500g Chemicals Z Zinc Bromide Zinc Foil (Zn) Zinc Foil (Zn) Zinc Granulated LR (Zn) Zinc Oxide	100g 200g 250g 500g 250g	52-7612 52-7580 52-7581 52-7611	14.71 2.92 12.39 11.29 3.50 10.02 10.67

16

## **Chemicals**

## **=**Rapid

#### **Nutrient Agar**

Nutrient agar is a general purpose growth medium suitable for use in a range of biological experiments. Use 28g powder to 1 litre deionised water. Leave for 10 minutes, swirl and sterilise for 15 minutes at 121°C. Cool to 47°C, mix well then pour into plates or petri dishes.



Pack size	Order code 1	+
100g	<b>52-2601</b> 10	98
		FF0F #

## ₹Rapid

#### **Protactinium Generator**

This **Protactinium** generator is ideal for demonstrating radioactive decay. The half-life of the isotope is short enough for students to complete the decay curve within a single lesson and is perfect for use with a datalogger and GM tube sensor or a standard GM



tube and counter. The generator is completely sealed in a leakproof enclosure and consists of uranyl nitrate and an organic solvent. These settle into two distinct layers but when shaken together react and produce a short term burst of Beta radiation with a half-life of about 1 minute.

- Supplied complete with MSDS
- Recommended storage period up to 8 years
- Bottle dimensions 120 x 70 x 70mm

Bottle dimensions	Urder code	1+	
120 x 70 x 70mm	<b>52-2704</b> 3	315.00	
	•		550

## **=Rapid**

#### **Radioactive Source Chemicals**



These radioactive chemicals can be used for studies into radiation in nuclear and atomic physics.

Туре	Order code	1+	
Americium 241	52-2701	820.00	
Cobalt 60	52-2702	820.00	
Strontium 90	52-2703	820.00	
			EEGEGE

## Order online

Save time, and place your order at: www.rapidonline.com 24 hours a day

## **Classifying Materials**

## **=**Rapid

#### **Density Identification Set**

This set consists of specimens of 15 different types of materials. Its aim is to challenge students to identify materials by measuring their mass, length and volume to determine their density.



- Sturdy storage base
- 1 sample each of: walnut, oak, maple, polypropylene, polyethylene, polyamide, acrylic, polyurethane, phenolic, polyvinylchloride (PVC), acetyl, teflon, aluminium, brass and copper
- · Samples are stamped with a letter code for easy identification
- Instructions included

Туре	Order code 1+	
Density ID set	<b>06-2164</b> 18.32	

## eisco

#### Solid Materials Set



A selection of materials in the form of rectangular blocks. intended to familiarize students with the appearance. feel, texture, hardness and density of a range of common

- Blocks, 50 x 40 x 30mm: softwood, hardwood, paraffin wax, aluminium, iron, foamed polystyrene
- Blocks, 20 x 20 x 100mm: Perspex, glass, slate, aluminium, softwood, marble
- Lead 50 x 50 x 20mm
- Aluminium 50 x 50 x 80mm
- Hardwood 50 x 50 x 200mm
- Brass 20 x 20 x 50mm
- Iron 40 x 40 x 20mm
- Supplied as a set of 34 blocks, 2 of each material
- Eisco type PH0114

Туре	Order code	1+		
Materials set	52-3346	60.95		
			5	6553

## **=**Rapid

#### **Mole Set**

The four specimens in this set will help explain to students the concept of mole

The Mole Set contains four element specimens: Copper, Iron, Zinc and aluminium. Each sample



contains one mole (6.02 x 1023 atoms) of the element.

- Helps to explain the concept of mole
- Each sample contains 1 mole (6.02 x 1023 atoms) Set contains specimens of Copper, Iron, Zinc
  - and Aluminium

Туре	Order code 1+	
Mole set	<b>06-2161</b> 14.19	

## eisco

#### 12-piece Science Metal Strips Set

This 12-piece metal strip set includes a strip of each of aluminium, brass, copper, bronze, nickel, mild steel, galvanized iron, magnetic and nonmagnetic stainless



steel, zinc, chrome and lead.

- · All strips are marked with a letter to identify each metal
- Ideal for experiments to demonstrate magnetic properties and classifications of metals
- Strip size: 50 x 25mm
- Supplied as a set of 12 strips

Technical spe	ecification		
Code letter	Metal	Code letter	Metal
A	Aluminium	G	Galvanized iron
В	Brass	Н	Stainless steel - non-magnetic
C	Copper	1	Stainless steel - magnetic
D	Bronze	J	Zinc
E	Nickel	K	Chrome
F	Mild steel	L	Lead

Туре	Order code	1+
Metal strip set	06-0595	6.01

## **Molecular Sets**

## molymod®

#### **Molecular Model Sets** Inorganic-Organic



Molymod Molecular Model Sets are the original dual-scale, quality system of molecular and atomic models.

Scales: Open/Ball & stick models: 2.5cm/Angstrom, Closed/semi-space filling models: 1.5cm/Angstrom

Atom-parts: range from 17 to 23mm in diameter.

Bonds: Single bonds are represented by medium links (19mm) and multiple bonds by longer, flexible links (30mm). For compact models, bonds are represented by short links (2mm).

Valence: Represented by the number of holes: 1 hole (I), 2 holes (II), 3 holes (III), 4 holes (IV), 5 holes (IV), 6 holes (VI)

- Inorganic Organic sets
- Available as teacher and student sets
- Teacher Set contains 108 atoms: 14 Hydrogen (I, II), 20 Carbon (IV, V), 22 Oxygen (II, IV), 10 Nitrogen (III, IV), 13 Sulphur (II, IV, I), 7 Phosphorus (III, IV, I), 8 Halogen (I), 14 Metal (I, II, III, IV, IV), 18 Lone pair 2D paddles (6 pink, 6 purple, 6 beige) **Links:** 38 Medium grey, 12 medium purple, 36 Long flexible
- Student set contains 52 atoms: 14 Hydrogen (I), 6 Carbon (IV), 7 Oxygen (II, IV), 3 Nitrogen (III, IV), 2 Sulphur (II, VI), 2 Phosphorus (III, V), 6 Halogen (I), 8 Metal (I, II, III, IV, VI), 4 Brown (III, IV, V, VI), 3 Lone pair 2D paddles (beige) **Links:** 20 Medium grey, 5 Medium purple, 12 Long flexible

Important notice: These products are designed for educational use and are only suitable for students 12 years and over. WARNING: CHOKING HAZARD - Small parts. Not for children under

o years.		
Туре	Order code 1+	
Teacher set 108 atoms	<b>52-0474</b> 26.41	
Ctudent cet 52 stome	E2 047E 12 24	



### molymod®

#### **Crystal Structure Molecular Model Kits**



A range of Molymod Molecular Model Sets showing the structure of various crystaline substances.

Scales: Open/Ball & stick models: 2.5cm/Angstrom, Closed/semi-space filling models: 1.5cm Angstrom

Atom-parts: range from 17 to 23mm in diameter.

Bonds: Single bonds are represented by medium links (19mm) and multiple bonds by longer, flexible links (30mm). For compact models, bonds are represented by short links (2mm).

 $\textbf{Valence:} \ \ \text{Represented by the number of holes: 1 hole (I), 2}$ holes (II), 3 holes (III), 4 holes (IV), 5 holes (IV), 6 holes (VI)

#### Kits available:

- Diamond 30 atoms
- Graphite 45 atoms
- Ice 26 water units
- Supplied singly

Туре	Order code	1+	
Diamond	52-0476	9.30	
Graphite	52-0477	11.36	
Ice 26 water units	52-0479	14.07	
			525540



#### Cochranes of Oxford

#### **Minit Proview Model Graphite Kit** 350 Atoms



This skeletal Graphite model is particularly suitable for showing the nature of the solid as it is effectively transparent in depth.

The Graphite model is supplied with full instructions and a work card that discusses the nature of the bonding, crystal structure, growth and physical properties.

- Provides 30/60 minutes of self-tuition
- · Shape: 4 layers to represent flake
- Atoms: 350
- Cochranes type 0088

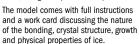
Туре	Order code	1+		
Graphite model	52-7103	29.40		



#### Cochranes of Oxford

#### **Minit Proview Model Ice Kit** - 420 Atoms

A skeletal Ice model particularly suitable for showing the nature of the solid, being transparent in depth.





- Gives between 30 and 60 minutes of self-tuition
- . Shape: extended prism to represent snowflake
- 420 atoms
- Cochranes type 0093

Туре	Order code	1+	
Ice model	52-7107	30.27	
			52630

## **Vacuum Pumps**

## **≒Rapid**

#### **Hand Vacuum Pump**

This portable, hand operated vacuum

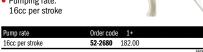






 Complete with vacuum gauge and release valve

• Pumping rate: 16cc per stroke



# **Kipps Apparatus**

## **₹Rapid**

#### Kipp's Apparatus

A 3-chamber Kipp's Apparatus set made of unbreakable polyethylene.

- Top has thistle funnel and bulb structure though which dilute acid can be poured
- Acid reacts with a metal sulphide in the base
- H2S gas collects in the middle dome where it can he released via a PTFF stop cock
- · Lower chamber has outlet with cap for cleaning
- High density polyethylene (HDPE) construction
- 500ml capacity

Туре	Order code	1+	
500ml	52-1494	18.72	
			122497

## **Electrolysis**



#### **Hoffman's Complete Electrolysis Apparatus**

Hoffman's apparatus is used for demonstrating the decomposition of water, determination of chemical composition by electrolysis and has applications in the evaluation of the electrochemical equivalent of hydrogen.

The glass unit has two connected limbs, each of approximately 50ml capacity (graduated 2 to 50ml), integral reservoir tube and funnelshaped bulb, with a PTFE stopcock at the top of each limb.

- Supplied with 2 carbon and
- 2 platinum electrodes Requires a 12V DC power supply
- . Must be set up vertically using a clamp and stand (sold separately)
- · Chemicals required: water, molar sodium, or potassium sulphate or sulphuric acid
- Eisco type CH0740B



Stand sold separately.

Туре	Order code	1+	
Hoffmans apparatus	52-3343	47.38	
Support stand	52-3437	12.49	
			565532



#### **Brownlee Water Electrolysis Apparatus**

Brownlee's Water Electrolysis Apparatus is used to demonstrate that electrically conductive liquids can be decomposed and resolved into their constituent elements by means of a unidirectional electric current. The gaseous



components formed by this method can be trapped and their relative volumes estimated.

The apparatus consists of a support which rests on a 1 litre beaker or jar and has two clips that each hold an inverted test tube. Platinum electrodes are positioned under the inverted test tubes and are attached to insulated connecting rods which are attached to binding posts mounted on the support. When the beaker is filled with a water-based solution and a direct current is passed between the electrodes, gases will begin to collect in the inverted test tubes.

- Requires a 1 litre beaker or jar, 6V battery or 10V DC power supply (not included)
- Includes:
- 1x apparatus
- 2x corks
- · 2x inverted test tubes • Includes full instruction manual
- Eisco type PH0941B

Note: battery, power supply and battery jar are not included.

Туре	Order code	1+	
Browm;ee apparatus	52-3604	27.16	

16

## **₹Rapid**

#### **Brass Sheets**

Economical brass sheets, ideal for cutting, shaping and bending.

- · Superb rich brass finish
- 0.1mm thick sheets



A4 <b>06-0744</b> 4.14	
A3 <b>06-0746</b> 6.79	

## **≒**Rapid

## Copper Sheets

These economical 0.1mm thick copper sheets are perfect for embossing, bending and cutting.



• Basic Design & Technology and Science resource

Туре	Order code	1+	
A4	06-0752	5.16	
A3	06-0754	6.79	
			06602/

## **≒Rapid**

## **Aluminium Foil**

Food grade Aluminium Foil ideal for cookery as well as experiments with



metal.		
<ul> <li>Available on 75 and 90m rolls</li> </ul>		
Туре	Order code 1+	
450mm x 75m	<b>06-0921</b> 10.02	
500mm x 90m	<b>06-0922</b> 16.72	

## **Charles's Law**

# eisco

#### **Charles's Law Apparatus**

This apparatus from Eisco has been designed to demonstrate Charles's Law that in a gas under constant pressure, the volume is proportional to the absolute temperature. The apparatus includes a U-shaped glass 15mm in diameter with one plain limb 220mm long, one 120mm graduated limb terminating in a 37mm diameter bulb with a third limb, jointed at right angles to the other two. A short length of rubber tubing with two pinch clips on a length of glass tubing is mounted at the end of one limb with a rubber bung.

- · Supplied with 1000ml capacity tall form beaker and stirrer
- · All glass parts made from borosilicate glass
- Manufacturer's part PH0422

Туре	Order code	1+	
Charles law apparatus	52-4091	18.99	
			56



We bring STEAM to life

## **Thermometers**



#### 300mm Rainbow Dial Thermometer

A white, 300mm diameter rainbow dial thermometer with a black temperature scale showing measurements in both Centigrade and Fahrenheit.



- for safety Suitable for outside
- and patio use
- Ideal for primary school use
- Accuracy: ± 2°C/4°F
- Scale divisions: 1°C/2°F
- Suitable for Key Stages 1 & 2 (ages 5 to 11)

Туре	Order code	1+		
Dial thermometer	85-2651	11.39		



#### **General Purpose Glass Thermometers**

A 305mm, general-purpose glass thermometer with red

- Scaling from -10°C to +110°C in 1°C steps
- · Can measure both the freezing and the boiling points of water, etc.
- · Fitted with hanging hook/anti roll device
- · Calibration is correct when immersed 76mm into liquid

Туре	Order code	1+	
305mm thermometer	87-4308	3.89	
			060615



#### **Breaksafe Thermometer**

This breaksafe safety coated thermometer is encapsulated in PVC to contain any glass or filling material in event

- Available in a range of -10 +110°C
- Clear permanent markings
- Green filled
- Partial immersion
- Length 200mm

Туре	Order code	1+	
Breaksafe thermometer	85-2655	5.98	
			073000



#### Green Fill Laboratory Thermometers

These green fill laboratory thermometers are a safe alternative to traditional mercury filling.

- Moulded glass triangular top to prevent rolling
- Available in 150mm, 200mm and 300mm lengths
- 150mm thermometer is available in total immersion and the 200mm and 300mm thermometers are available in partial immersion
- Temperature range -10 to +110°C
- · Clear permanent markings

Туре	Order code	1+	
150mm	85-2652	1.56	
200mm	85-2653	1.63	
300mm	85-2654	1.68	

## **Full range** available online

www.rapidonline.com/education

## **=**Rapid

#### Classroom Thermometer

This oversized thermometer features a large, accurate 30cm glass magnifying tube, giving the current temperature in both Centigrade and Fahrenheit. Ideal for use in the classroom or outside.

- Kerosene filled
- Range -40° to +50°C (-40° to +120°F)
- · Length: 380mm



**FRapid** 

			Phon
Length	Order code	1+	
380mm	06-9963	4.29	
			563492

## **VOLTCRAFT**

#### **LCD Digital Thermometer and Clock**

The Voltcraft LCD digital thermometer and clock has an extended temperature range up to 110°C for many ranges for temperature monitoring.



There are two limit values that can be pre-adjusted, and when this value is reached, a switch output and an alarm output are activated.

Also available is a replacement NTC temperature probe that features a -10°C to +110°C range and 3m lead.

- Temperature range -10°C to +110°C
- Accuracy: ±1°C
- . Measurement rate: 1 or 10 secs
- Temperature resolution: 0.1°C
- · Digit height: 13mm
- Operating voltage: 1x AA batteries
- Dimensions: 68(W) x 35(H) x 24(D)mm

Please Note: Requires 1x AA battery (not supplied).

Technical specification Order code + 1°C Digit height 13mm 68 x 35 x 24mm Dimensions W x H x D Measurement range - temperature Measurement rate -10°C to +110°C 1 or 10 secs 1x AA battery Operating voltage Temperature resolution

Туре	Order code	1+	
Temperature probe	52-0919	5.42	
			525180

## **STEAM resources**

Don't forget to visit our STEAM Lab online

www.rapidonline.com/steam-lab

## **VOLTCRAFT**

**=**Rapid

#### **DET3R Penetration thermometer**

The Voltcraft DET3R is a penetration thermometer that is ideal for measurements in the food industry, butcheries, food testing laboratories and for health inspectors. Having a waterproof casing makes it suitable for use in liquids. The simple and quick execution of zero balance in ice water ensures higher accuracy for longer

- · Min/Max Hold Memory with dynamic update
- C/F switch
- T90 Measure time approx. 8 seconds
- Auto-switch-off
- · Continuous measurement function
- Measuring range -40°C to +250°C
- Waterproof as per the IPx7 standard · High accuracy by simple calibration
- in ice water Supplied with Voltcraft DET3R penetration thermometer, protection cap with clip, 1x LR1 battery and

Protection cap with clip, 1x LR1 battery, user manual

Technical specification

user manual.

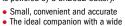
Sensor type Penetration sensor Temperature range Resolution -40°C to +250°C 0.1°C Basic accuracy +0.5C Power supply 1x LR44

Voltcraft DET3R

# **VOLTCRAFT**

#### **IR 110-1S Infrared Thermometer**

The Voltcraft IR-110-1S mini infrared thermometer is intended for noncontact measuring of temperatures of -33°C to +110°C. The IR-110-1S can also be used as a clock or a stopwatch. It is not suitable for industrial or medical use. The product is powered by a CR2032 battery.



- variety of optional features Min/ Max function
- Automatic power off after 15 seconds
- · Duration measuring activated
- Integrated clock
- Stopwatch
- · Display of the room temperature
- Switchable between C and F
- Optics 1:1
- Measuring range -30°C to +110°C
- Integrated stopwatch

Lithium battery (CR2032), Manual.

Please Note: Use only in a dry indoor environment.

Please Note: It is not suitable for industrial or medical use.

+2.5°C or 2.5%

Technical specification Accuracy Dimensions W x H x D

33 x 73 x 14mm 0.95 fix Emissivity -33°C to +110°C Measurement range - temperature Pick-up time Lithium Battery CR2032 Power supply Operating temperature Battery life 0°C to +50°C 40 hours in continuous operation

Temperature resolution 0.2°C

Voltcraft IR 110-1S **51-5190** 16.96



...where price meets quality

## **Measuring Scales** & Balances



#### **School Scales**

These scales are ideal for general purpose weighing in laboratory environments through to quality control applications.



- Very easy to use Large 16mm LCD
- display Adjustment
- program CAL
- Battery powered

Technical specification

- (supplied) or by optional AC/DC power adaptor
- Impact resistant ABS case with non-slip rubber feet
- Splash-proof membrane keypad

iecimicai specificat	1011		
Kern No. Readout Weigh range Stabilisation Auto-off (batt) Operating temp Battery supply Mains adaptor Dimensions (mm) Weight approx. Order code	EMB 200-2 0.01g 200g 2 to 3 secs After 3 mins 0°C to +40°C 1x 9V 85-1681	EMB 2200-0 1g 2,200g 2 to 3 secs After 3 mins 0°C to +40°C 2x AA 85-1681 170(W) x 240(D) x 39(H) 600g 85-2358	EMB 5.2K5 5g 5,200g 2 to 3 secs After 3 mins 0°C to +40°C 2x AA 85-1681 170(W) x 240(D) x 39(H) 600g 85-2359
Older code	65-2556	00-2300	00-2309
Kern No. Readout Weigh range Stabilisation Auto-off (batt) Operating temp Battery supply Mains adaptor Dimensions (mm) Weight approx. Order code	EMB 500-1 0.1 500g 2 to 3 secs After 3 mins +5°C to +35°C 1x 9V 85-1681 170(W) x 240(D) x 38(H) 0.5kg 85-3436	EMB 5.2K1 1 5200 2 to 3 secs After 3 mins +5°C to +35°C 1x 9V 85-1681 170(W) x 240(D) x 38(H) 0.5kg 85-3437	

Туре	Order code	e 1+	
EMB 200-2 Scales	85-2356	107.65	
EMB 2200-0 Scales	85-2358	53.72	
EMB 5.2K5 Scales	85-2359	38.07	
EMB 500-1 Scales	85-3436	51.83	
EMB 5.2K1 Scales	85-3437	54.10	
EMD 0.21(1 Octales	00 0 101	04.10	07

## KERN

#### 440-35N Precision Balance 400g

This is the ideal entry-level model for all laboratory technicians





- · Can be used for parts counting
- and also for weighing different mixtures Data transfer to printer or PC function
- · Four function keys
- · Protective working cover as standard
- Includes test weight, **DKD** approved
- · Supplied with an AC/DC mains power adaptor

Technical specification Kern part No Readout

Weighing range Stabilisation time Auto-off function (batt. mode) Operating temperature Weight approx Order code

440-35N 0.01g 400g 3 seconds After 3 minutes +10°C to +40°C 165(W) x 230(D) x 80(H) mm 1kg 85-2361

Type Order code 1+ 440 35N Scales 85-2361 297.53

## medline

# White Diamond Square Weighing

These Medline 'White Diamond' weighing dishes are made of white, translucent polystyrene and are easily bent into pouring



spouts for non-spill transfer of liquids. They are biologically inert, contaminant-free and are resistant to diluted acids. aqueous solutions, alcohols and bases.

- · Suitable for microwave
- Will withstand temperatures from -10 to +80°C
- Not antistatic
- 5ml size are supplied in packs of 250
- 30ml size are supplied in packs of 500
- Medline types 1911103 (5ml) and 1911104 (30ml)

Technical specification Nominal capacity Dimensions 41 x 41 x 8mm 89 x 89 x 25mm

Туре	Order code	1+	
5ml (250)	85-2366	2.78	
30ml (500)	85-2349	8.89	
			50032

## **SALTER**

#### **Electronic Disc Kitchen Scale**

The Salter Disc Scale's Add & Weigh function allows you to measure multiple ingredients in the same bowl - saving you washing up!



Weigh ingredients directly onto the scale or use your own bowl

- Switch between g/kg and oz. lb
- Easy to read LCD display · Compact slim design for easy storage
- Contemporary design
- Capacity: 5kg/11lb
- Resolution 1g/0.1oz.
- · Powered by a single Lithium CR2032 battery (included)
- Manufacturer's 15-year guarantee
- Salter model 1036 BKSSDR

Туре	Order code	1+		
Salter disc scale	52-7245	12.70		
				30059



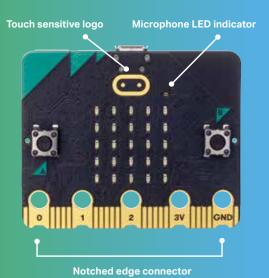
# Meet the latest BBC micro:bit,

more than just a :bit of an upgrade

Same great features, easier ways to use sound and touch to get creative in the classroom and add to your projects.

£10.49
Order code
75-0153





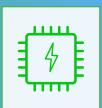
- Play, sense and react to sound with the built-in Microphone & Speaker
- Capacitive touch sensor
- More computing power
- For full details visit
   www.rapidonline.com







Power saving mode



More computing