

CHEMICAL NAME	A SPECIFICATION	PACK SIZE	FORMULA
Acetic Acid glacial LR	97.0% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ COOH
Acetic Acid glacial AR	98% minimum	500ml, 2.5ltr, 4 x 2.5ltr	CH ₃ COOH
Acetone LR	98.0% minimum	2.5ltr, 4 x 2.5ltr, 25ltr, 200ltr	CH ₃ COCH ₃
Acetone AR	99.5% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ COCH ₃
Aluminium metal fine powder AR	93% minimum	500g, 6 x 500g	Al
Aluminium 1000 ppm standard solution AR		500ml	Al
Aluminium chloride hexahydrate AR	99% minimum	500g, 6 x 500g, 25kg	AlCl ₃ ·6H ₂ O
Aluminium Potassium Sulphate 12-hydrate AR	99% minimum	500g, 6 x 500g	KAl(SO ₄) ₂ ·12H ₂ O
Aluminium Sulphate 18-hydrate AR	100 - 110%	500g, 6 x 500g	Al ₂ (SO ₄) ₃ ·18H ₂ O
4-Aminobenzoic Acid AR	98.5 - 101.5%	500g, 6 x 500g	NH ₂ C ₆ H ₄ COOH
Ammonia Solution LR	25% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	NH ₃ (anhydrous), NH ₄ OH (in aqueous solution)
Ammonia Solution 25% AR	25% minimum	2.5ltr, 4 x 2.5ltr	NH ₃ (anhydrous), NH ₄ OH (in aqueous solution)
Ammonia Soution 32% AR	30 - 33%	2.5ltr, 4 x 2.5ltr	NH ₃ (anhydrous), NH ₄ OH (in aqueous solution)
Ammonium Acetate LR	97% minimum	500g, 6 x 500g	CH ₃ COONH ₄
Ammonium Acetate AR	97% minimum	500g, 6 x 500g	CH ₃ COONH ₄
Ammonium Carbonate AR	30.0 - 34.0%	500g, 6 x 500g	A mixture of ammonium carbamate and ammonium hydrogen carbonate, NH ₄ HCO ₃ ·NH ₄ CO ₂ NH ₂ . Contains 30 - 34% NH ₃ and about 45% CO ₂ .
Ammonium Ceric Sulphate AR	94.0% minimum	100g	(NH ₄) ₂ Ce(SO ₄) ₄ ·2H ₂ O
Ammonium Chloride LR	99% minimum	500g, 6 x 500g	NH ₄ Cl
Ammonium Chloride AR	99.5% minimum	500g, 6 x 500g	NH ₄ Cl
tri-Ammonium Citrate AR	97% minimum	500g, 6 x 500g	(NH ₄) ₃ C ₆ H ₅ O ₇
Ammonium Dichromate LR	97% minimum	500g, 6 x 500g	(NH ₄) ₂ Cr ₂ O ₇
Ammonium Ferric Sulphate dodecahydrate AR	99% minimum	500g, 6 x 500g	NH ₄ Fe(SO ₄) ₂ ·12H ₂ O
Ammonium Ferrous Sulphate LR	98% minimum	500g, 6 x 500g	(NH ₄) ₂ Fe(SO ₄) ₂ ·6H ₂ O
Ammonium Ferrous Sulphate AR	98% minimum	500g, 6 x 500g	(NH ₄) ₂ Fe(SO ₄) ₂ ·6H ₂ O
Ammonium Fluoride LR	95% minimum	500g, 6 x 500g	NH ₄ F
Ammonium Hydrogen Difluoride LR	95% minimum	500g, 6 x 500g	NH ₄ F·HF
di-Ammonium Hydrogen Orthophosphate AR	98.5% minimum	500g, 6 x 500g	(NH ₄) ₂ HPO ₄
Ammonium Metavanadate AR	98.5% minimum	500g, 6 x 500g	NH ₄ VO ₃
Ammonium molybdate AR	99% minimum	500g, 6 x 500g	(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O
Ammonium Nitrate LR	98% minimum	500g, 6 x 500g	NH ₄ NO ₃
Ammonium Nitrate AR	98% minimum	500g, 6 x 500g	NH ₄ NO ₃
Ammonium Oxalate monohydrate AR	99% minimum	500g, 6 x 500g	NH ₄ OCCCONH ₄ ·H ₂ O
Ammonium Persulphate LR	96.0% minimum	500g, 6 x 500g	(NH ₄) ₂ S ₂ O ₈
Ammonium Persulphate AR	97.5% minimum	500g, 6 x 500g	(NH ₄) ₂ S ₂ O ₈
Ammonium Sulphate LR	99% minimum	500g, 6 x 500g	(NH ₄) ₂ SO ₄
Ammonium Sulphate AR	99% minimum	500g, 6 x 500g	(NH ₄) ₂ SO ₄
Ammonium Thiocyanate LR	98% minimum	500g, 6 x 500g	NH ₄ SCN
Ammonium Thiocyanate AR	99% minimum	500g, 6 x 500g	NH ₄ SCN
Amyl acetate LR	96% minimum	2.5ltr, 4 x 2.5ltr	C ₇ H ₁₄ O ₂
Amyl alcohol for milk testing LR		2.5ltr, 4 x 2.5ltr	CH ₃ (CH ₂) ₃ CH ₂ OH (n-amyl alcohol)
Ascorbic Acid LR	99% minimum	500g, 6 x 500g	C ₆ H ₈ O ₆
Ascorbic Acid AR	99% minimum	500g, 6 x 500g	C ₆ H ₈ O ₆
Auramine O LR		100g	C ₁₇ H ₂₂ ClN ₃

	B SPECIFICATION	PACK SIZE	FORMULA
Barium standard solution 1000 ppm		500ml	Ba
Barium Chloride 2-Hydrate LR	98% minimum	500g, 6 x 500g	BaCl ₂ ·2H ₂ O
Barium Chloride 2-Hydrate AR	99% minimum	500g, 6 x 500g	BaCl ₂ ·2H ₂ O
Barium diphenylamine-4-sulphonate AR		5g	C ₂₄ H ₂₀ BaN ₂ O ₆ S ₂
Barium Hydroxide octahydrate AR	97% minimum	500g, 6 x 500g	Ba(OH) ₂ ·8H ₂ O
Barium Nitrate AR	99% minimum	500g, 6 x 500g	Ba(NO ₃) ₂
Benedict's Solution		500ml	A solution on sodium carboate, copper sulphate and sodium citrate
Benzoic Acid inivAR	99.0% minimum	500g, 6 x 500g	C ₆ H ₅ COOH
Boiling Stones 2 mm diameter LR		500g, 6 x 500g	
Boiling Stones 4-8 mesh LR		500g, 6 x 500g	
Boric Acid crystals LR	99.0% minimum	500g, 6 x 500g, 25kg	H ₃ BO ₃
Boric Acid powder AR	99.0% minimum	500g, 6 x 500g	H ₃ BO ₃
Boron Standard solution 1000 ppm		500ml	B
Brij® 35 Solution		100ml	(C ₂ H ₄ O) _n C ₁₂ H ₂₆ O

Bromocresol Green		25g	$C_{21}H_{14}Br_4O_5S$
Bromocresol Green Indicator solution		100ml	$C_{21}H_{14}Br_4O_5S$
Bromocresol Purple		25g	$C_{21}H_{14}Br_4O_5S$
Bromoform LR	97% minimum	500ml	$CHBr_3$
Bromophenol Blue		25g	$C_{19}H_{10}Br_4O_5S$
Bromothymol Blue		25g	$C_{27}H_{28}Br_2O_5S$
Bromothymol Blue Indicator solution		100ml	$C_{27}H_{28}Br_2O_5S$
Buffer solution pH 2		500ml	
Buffer pH 4		500ml, 5ltr, 4 x 5ltr	
Buffer solution pH7		500ml, 5ltr, 4 x 5ltr	
Buffer solution pH9		500ml, 5ltr	
Buffer solution pH10		500ml, 5ltr, 4 x 5ltr	
Buffer Tablet pH 4.0		50 tablets	
Buffer Tablet pH 6.8		50 tablets	
Buffer Tablet pH 7.0		50 tablets	
Buffer Tablet pH 9.2		50 tablets	
Butan-1-ol LR	98% minimum	2.5ltr, 4 x 2.5ltr	$CH_3(CH_2)_3OH$
Butan-1-ol AR	99% minimum	2.5ltr, 4 x 2.5ltr	$CH_3(CH_2)_3OH$
Butanone LR	98% minimum	2.5ltr, 4 x 2.5ltr	$CH_3CH_2COCH_3$
n-Butyl Acetate AR	99% minimum	2.5ltr, 4 x 2.5ltr	$CH_3COO(CH_2)_3CH_3$

C

Caesium Chloride AR	99.9% minimum	100g	CsCl
Calcium standard solution 1000 ppm		500ml	
Calcium Acetate monohydrate LR	98% minimum	500g, 6 x 500g	$(CH_3COO)_2Ca$
Calcium Carbonate LR	97% minimum	1kg	$CaCO_3$
Calcium Carbonate AR	98.0 - 100.5%	500g, 6 x 500g	$CaCO_3$
Calcium Chloride anhydrous 4 - 8 mesh LR	95% minimum	500g, 6 x 500g	$CaCl_2$
Calcium Chloride dihydrate AR	99% minimum	500g, 6 x 500g	$CaCl_2 \cdot 2H_2O$
Calcium Chloride 6-hydrate AR	97 - 103%	500g, 6 x 500g	$CaCl_2 \cdot 6H_2O$
Calcium hydroxide LR	95% minimum	500g, 6 x 500g	$Ca(OH)_2$
Calcium nitrate 2.5-hydrate LR	98% minimum	500g, 6 x 500g	$Ca(NO_3)_2 \cdot 2.5H_2O$
Calcium Oxide LR	95% minimum	500g, 6 x 500g	CaO
Calcium Oxide AR	95% minimum	500g, 6 x 500g	CaO
Calcium Sulphate dihydrate LR	98% minimum	500g, 6 x 500g	$CaSO_4 \cdot 2H_2O$
Carbon Disulphide AR	99.5% minimum	2.5ltr, 4 x 2.5ltr	CS_2
Celite® 545 LR		5kg	Largely silica
N-Cetyl-N,N,N-trimethyl Ammonium Bromide LR	98% minimum	100g, 500g, 6 x 500g	$C_{18}H_{42}BrN$
Charcoal activated powder LR		500g, 6 x 500g, 2.5kg	C
Choral Hydrate LR	98.5 - 101.0%	500g, 6 x 500g	$C_2H_3Cl_3O_2$
Chloroform LR	99.0% minimum	2.5ltr, 4 x 2.5ltr 25ltr	$CHCl_3$
Chloroform AR	99.0% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	$CHCl_3$
Chromic acid for cleaning LR		500ml	A solution of chromic trioxide in sulphuric acid
Chromic Chloride Hexahydrate LR	93% minimum	500g, 6 x 500g	$CrCl_3 \cdot 6H_2O$
Citric Acid Monohydrate LR	99% minimum	500g, 6 x 500g	$HOOCCH_2C(OH)(COOH)CH_2COOH \cdot H_2O$
Citric Acid Monohydrate AR	99.5% minimum	500g, 6 x 500g	$HOOCCH_2C(OH)(COOH)CH_2COOH \cdot H_2O$
Cobalt standard solution 1000 ppm		500ml	Co
Cobaltous Chloride hexahydrate AR	98% minimum	500g, 6 x 500g	$CoCl_2 \cdot 6H_2O$
Cobaltous Nitrate hexahydrate AR	97.0% minimum	500g, 6 x 500g	$Co(NO_3)_2 \cdot 6H_2O$
Congo Red AR		25g	$C_{22}H_{22}O_6N_6S_2Na_2$
Copper metal powder LR		500g, 6 x 500g	Cu
Copper standard solution 5000 ppm		500ml	Cu
Copper standard solution 1000 ppm		500ml	Cu
Crystal Violet LR		25g	$C_{25}H_{30}ClN_3$
Crystal Violet solution		100ml	$C_{25}H_{30}ClN_3$ (crystal violet)
Cupric Carbonate basic LR	54 - 57%	500g, 6 x 500g	$CuCO_3 \cdot Cu(OH)_2 \cdot nH_2O$ where n is about 0.5
Cupric Chloride dihydrate LR	97% minimum	500g, 6 x 500g	$CuCl_2 \cdot 2H_2O$
Cupric Chloride dihydrate AR	97% minimum	500g, 6 x 500g	$CuCl_2 \cdot 2H_2O$
Cupric Nitrate trihydrate LR	98% minimum	500g, 6 x 500g	$Cu(NO_3)_2 \cdot 3H_2O$
Cupric Sulphate Anhydrous AR	98.5% minimum	500g, 6 x 500g	$CuSO_4$
Copper (11) Sulphate Pentahydrate LR	98% minimum	500g, 6 x 500g, 5kg	$CuSO_4 \cdot 5H_2O$
Copper (11) Sulphate Pentahydrate AR	98.5 - 101.0%	500g, 6 x 500g, 5kg	$CuSO_4 \cdot 5H_2O$

Cyclohexane LR	98% minimum	2.5ltr, 4 x 2.5ltr	C ₆ H ₁₂
Cyclohexane LR	98.5% minimum	2.5ltr, 4 x 2.5ltr	C ₆ H ₁₀ O

D

1,2-Diaminocyclohexane-N,N,N',N'-tetra acetic acid LR	98% minimum	25g, 100g	C ₁₄ H ₂₂ N ₂ O ₈ ·H ₂ O
Diatomaceous Earth LR		20kg	Largely silica (SiO ₂)
DIBK - 336 LR		2.5ltr, 4 x 2.5ltr, 25ltr	NA
Dichloromethane LR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₂ Cl ₂
Dichloromethane AR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₂ Cl ₂
Diethylamine AR	99% minimum	500ml	(C ₂ H ₅) ₂ NH
Diethyl Ether LR		2.5ltr, 4 x 2.5ltr, 25ltr	(C ₂ H ₅) ₂ O
Diethyl Ether LR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	(C ₂ H ₅) ₂ O
Diethyl glycol LR		2.5ltr, 4 x 2.5ltr	(HOCH ₂ CH ₂) ₂ O
4-(N,N-dimethylamino)-benzaldehyde AR	98.5% minimum	25g	C ₉ H ₁₁ NO
N,N-dimethyl Formamide AR	99%	2.5ltr, 4 x 2.5ltr	HCON(CH ₃) ₂
Dimethylglyoxime AR		500g	C ₄ H ₈ N ₂ O ₂
2,6-Dimethylheptan-4-one LR (di-isobutyl ketone)		2.5ltr, 4 x 2.5ltr	[(CH ₃) ₂ CHCH ₂] ₂ CO
Dimethyl Sulphoxide LR	99% minimum	500ml, 2.5ltr, 4 x 2.5ltr	(CH ₃) ₂ SO
Dimidium Bromide LR	95% minimum	1g	C ₂₀ H ₁₈ BrN ₃
Dimidium Bromide Disulphide Indicator solution		100ml	
1,4-Dioxane AR	99% minimum	500ml	C ₄ H ₈ O ₂
DPX Mountant for microscopy LR		500ml	NA

E

Ekon D concentrate LR		5ltr, 4 x 5ltr	
Eosin yellowish AR		25g, 100g	C ₂₀ H ₆ Br ₄ Na ₂ O ₅
Eriochrome Black T AR		25g	C ₂₀ H ₁₂ N ₄ NaO ₇ S
Ethylene glycol LR	98% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	HOCH ₂ CH ₂ OH
Ethylene glycol AR	99% minimum	2.5ltr, 4 x 2.5ltr	HOCH ₂ CH ₂ OH
Ethanol 90% LR	90% ± 1%	2.5ltr, 4 x 2.5ltr	CH ₃ CH ₂ OH (anhydrous)
Ethanol rectified 96% LR	96% / minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ CH ₂ OH (anhydrous)
Ethanol rectified 96% AR	96% / minimum	2.5ltr, 4 x 2.5ltr	CH ₃ CH ₂ OH (anhydrous)
Ethanol absolute LR	99% / minimum	2.5ltr, 4 x 2.5ltr	CH ₃ CH ₂ OH (anhydrous)
Ethanol absolute AR	99.5% / minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ CH ₂ OH (anhydrous)
Ethanolamine LR	98% minimum	25ltr	H ₂ N(CH ₂) ₂ OH
2-Ethoxyethanol LR	98% minimum	2.5ltr, 4 x 2.5ltr	HOCH ₂ CH ₂ O CH ₂ CH ₃
Ethyl Acetate LR	98.0% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ COOC ₂ H ₅
Ethyl Acetate AR	99.5% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ COOC ₂ H ₅
Ethylenediamine tetra-acetic acid AR	98.5% minimum	500g, 6 x 500g	C ₁₀ H ₁₄ N ₂ O ₈
EDTA di-Sodium Salt dihydrate LR	98.5% minimum	500g, 6 x 500g	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O
EDTA di-Sodium Salt dihydrate AR	99 - 101%	500g, 6 x 500g	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ·2H ₂ O
EDTA disodium salt 0.02N (0.01M) solution		1ltr	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ (solute)
EDTA disodium salt 0.2N (0.1M) solution		2.5ltr, 4 x 2.5ltr	C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ (solute)

F

Fehling's solution A		500ml	
Fehling's solution B		500ml	
Ferric Chloride anhydrous LR	97% minimum	500g, 6 x 500g	FeCl ₃
Ferric Chloride 6-Hydrate AR	99% minimum	500g, 6 x 500g	FeCl ₃ ·6H ₂ O
Ferric Nitrate nonahydrate LR	97% minimum	500g, 6 x 500g	Fe(NO ₃) ₃ ·9H ₂ O
Ferric Sulphate hydrate LR	70% minimum	500g, 6 x 500g	Fe ₂ (SO ₄) ₃ ·xH ₂ O
Ferrous Sulphate anhydrous LR	80 - 90%	500g, 6 x 500g	FeSO ₄
Ferrous Sulphate Heptahydrate LR	98 - 105%	500g, 6 x 500g	FeSO ₄ ·7H ₂ O
Ferrous Sulphate Heptahydrate AR	98 - 105%	500g, 6 x 500g	FeSO ₄ ·7H ₂ O
Field's Stain A LR		25g	
Field's Stain B LR		25g	
Fluorescein Sodium Salt AR	50% minimum	1kg	C ₂₀ H ₁₀ Na ₂ O ₅
Formaldehyde solution LR	35% minimum	2.5ltr, 4 x 2.5ltr, 5ltr, 4 x 5ltr, 25ltr	HCHO (anhydrous)
Formic Acid 85% LR	85% minimum	2.5ltr, 4 x 2.5ltr	HCOOH
Formic Acid 90% AR	90% ± 0.1%	2.5ltr, 4 x 2.5ltr	HCOOH
Formic Acid 99% AR	98% minimum	2.5ltr, 4 x 2.5ltr	HCOOH

D(-) Fructose AR	99.0% minimum	500g, 6 x 500g	C ₆ H ₁₂ O ₆
Fuchsin basic LR		25g	C ₂₀ H ₂₀ ClN ₃

G

Gelatine powder LR		500g, 6 x 500g	A mlxture of water soluble proteins
Giemsa's Stain LR		25g	NA
Giemsa's Stain Solution		500ml	NA
Glass beads LR		500g, 6 x 500g	
Glass wool LR		500g, 6 x 500g	
D(+) Glucose monohydrate AR		500g, 6 x 500g	C ₆ H ₁₂ O ₆ ·H ₂ O
D(+) Glucose anhydrous LR		500g, 6 x 500g, 5kg	C ₆ H ₁₂ O ₆
D(+) Glucose anhydrous AR		500g, 6 x 500g	C ₆ H ₁₂ O ₆
Glycerol LR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	HOCH ₂ CHOHCH ₂ OH
Glycerol AR	99.5% minimum	500ml, 2.5ltr, 4 x 2.5ltr	HOCH ₂ CHOHCH ₂ OH
Glycine AR	98.5 - 101.5%	500g, 6 x 500g	NH ₂ CH ₂ COOCH
Gram's Iodine solution		500ml	

H

Haematoxylin LR		25g	C ₁₆ H ₁₄ O ₆
Heptane LR		2.5ltr, 4 x 2.5ltr	C ₇ H ₁₆ (heptane component)
n-Heptane AR	99% minimum	2.5ltr, 4 x 2.5ltr	C ₇ H ₁₆
Hexamine AR	98.5% minimum	500g, 6 x 500g	C ₆ H ₁₂ N ₄
n-Hexane LR	96% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ (CH ₂) ₄ CH ₃
Hexane fraction LR		2.5ltr, 4 x 2.5ltr, 25ltr	
n-Hexane AR	99% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ (CH ₂) ₄ CH ₃
Hyrazine hydrate 98% LR	98% minimum	500ml	H ₂ NNH ₂ ·H ₂ O
Hydrobromic Acid LR	48% minimum	2.5ltr, 4 x 2.5ltr	HBr (anhydrous)
Hydrochloric Acid LR	30 - 34%	2.5ltr, 4 x 2.5ltr, 25ltr	HCl (anhydrous)
Hydrochloric Acid AR	32% minimum	2.5ltr, 4 x 2.5ltr	HCl (anhydrous)
Hydrochloric Acid 37% AR	37% minimum	2.5ltr, 4 x 2.5ltr	HCl (anhydrous)
Hydrochloric Acid 1N (1M)	1.000N ± 0.5%	1ltr	HCl (anhydrous)
Hydrochloric Acid cocentrated solution 1N (M)		Ampoule	HCl (anhydrous)
Hydrochloric acid concentrated solution 0. 1N		Ampoule	HCl (anhydrous)
Hydrochloric Acid 40% LR	40% minimum	500ml, 2.5ltr, 4 x 2.5ltr	HF (anhydrous)
Hydrofluoric Acid 40% AR	40% minimum	500ml, 2.5ltr, 4 x 2.5ltr	HF (anhydrous)
Hydrofluoric Acid 48% AR	48% minimum	500ml, 2.5ltr, 4 x 2.5ltr	HF (anhydrous)
Hydrogen Peroxide 100 volumes LR	30% minimum	500ml, 2.5ltr, 4 x 2.5ltr	H ₂ O ₂ (anhydrous)
Hydrogen Peroxide 100 volumes AR	30% minimum	500ml, 2.5ltr, 4 x 2.5ltr	H ₂ O ₂ (anhydrous)
Hydrogen Peroxide 200 volumes AR	50% minimum	500ml, 2.5ltr, 4 x 2.5ltr	H ₂ O ₂ (anhydrous)
Hydoxylammonium Chloride AR	98.0% minimum	500g, 6 x 500g	NH ₂ OH.HCl
8-Hydroxyquinoline AR	99.0% minimum	500g, 6 x 500g	C ₉ H ₇ NO
Hypophosphorous Acid 50% LR	49 - 51%	500ml	H ₃ PO ₂ (anhydrous)

I

Indigo Carmine LR		25g	C ₁₆ H ₈ N ₂ Na ₂ O ₆ S ₂
Iodine resublimed LR	99% minimum	500g, 6 x 500g	I ₂
Iodine resublimed AR	99.5% minimum	100g, 500g, 6 x 500g	I ₂
Iodine solution Lugol's		500ml	I ₂ and KI
Iodine concentrated solution 0.1 N (0.05M)		Ampoule	I ₂ (anhydrous)
Iodine Indicator Vitex®		100g	(C ₆ H ₁₀ O ₅) _n - Potato or corn starch hydrolised with hydrochloric acid
Iron metal filings fine LR		500g, 6 x 500g	Fe
Iron reduced powder AR	96.0% minimum	500g, 6 x 500g	Fe
Iron standard solution 1000 ppm		500ml	Fe

K

Karl Fischer Solution LR		2.5ltr, 4 x 2.5ltr	NA
Kieselguhr purified acid washed LR		500g, 6 x 500g	Largely silica (88%)
Kjeldahl Catalyst Tablets Selenium LR		pack of 500	NA
Kovacs Indole Reagent		100ml	

L

Lactic Acid AR	88% minimum	500ml	HOOCCH(OH)CH ₃
Lactose monohydrate LR		500g, 6 x 500g	C ₁₂ H ₂₂ O ₁₁ ·H ₂ O
Lanthanum Chloride heptahydrate LR	36.7 - 38.1%	250g	LaCl ₃ ·7H ₂ O
Lanthanum Chloride heptahydrate AR	99.9% minimum	250g	LaCl ₃ ·7H ₂ O
Lanthanum Oxide AR	99.8% minimum	100g	La ₂ O ₃
Lead standard solution 1000 ppm		500ml	Pb (from Latin plumbum)
Lead Acetate 3-hydrate LR	99% minimum	500g, 6 x 500g	Pb(CH ₃ COO) ₂ ·3H ₂ O
Lead Acetate 3-hydrate AR	99.5% minimum	500g, 6 x 500g	Pb(CH ₃ COO) ₂ ·3H ₂ O
Lead Nitrate AR	98% minimum	500g, 6 x 500g	Pb(NO ₃) ₂
Lithium Carbonate LR	98% minimum	100g	Li ₂ CO ₃
Lithium Chloride anhydrous AR	99.1% minimum	500g, 6 x 500g	LiCl
Lithium Metaborate anhydrous LR	99.0% minimum	500g, 6 x 500g	LiBO ₂

M

Magnesium metal ribbon LR	99% minimum	25g	Mg
Magnesium standard solution 1000 ppm		500ml	Mg
Magnesium Chloride hexahydrate LR	98% minimum	500g, 6 x 500g	MgCl ₂ ·6H ₂ O
Magnesium Chloride hexahydrate AR	98 - 101%	500g, 6 x 500g	MgCl ₂ ·6H ₂ O
Magnesium Oxide light AR	96% minimum	250g	MgO
Magnesium Perchlorate anhydrous 10-20 # AR		500g, 6 x 500g	Mg(ClO ₄) ₂
Magnesium Sulphate anhydrous LR	62 - 70%	500g, 6 x 500g	MgSO ₄
Magnesium Sulphate heptahydrate LR	99.0% minimum	500g, 6 x 500g	MgSO ₄ ·7H ₂ O
Magnesium Sulphate heptahydrate AR	99.0% minimum	500g, 6 x 500g	MgSO ₄ ·7H ₂ O
Malachite Green AR		100g	C ₂₃ H ₂₅ ClN ₂ (chloride compound), C ₄₈ H ₅₀ NaO ₄ ·2C ₂ H ₂ O ₄ (oxalate compound)
Manganese standard solution 1000 ppm		500ml	Mn
Manganous Sulphate monohydrate AR	99% minimum	500g, 6 x 500g	MnSO ₄ ·H ₂ O
D(-) Mannitol AR	98.0 - 102%	500g, 6 x 500g	C ₆ H ₁₄ O ₆
May-Grünwald Stain LR		25g	
Mercuric Acetate AR	98.5% minimum	100g	Hg(CH ₃ COO) ₂
Mercuric Chloride LR	99.0% minimum	500g, 6 x 500g	HgCl ₂
Mercuric Chloride AR	99.0% minimum	100g, 500g, 6 x 500g	HgCl ₂
Mercuric Oxide red AR	99.0% minimum	500g, 6 x 500g	HgO
Mercuric sulphate AR	99% minimum	100g, 500g, 6 x 500g	HgSO ₄
Mercury double distilled LR	99.5% minimum	500g, 6 x 500g	Hg
Mercury triple distilled AR	99.8% minimum	500g, 6 x 500g	Hg
Methanol LR	99.0% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ OH
Methanol AR	99.5% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ OH
Methylated spirits non coloured LR		2.5ltr, 4 x 2.5ltr, 5ltr, 4 x 5ltr, 25ltr	
Methylated spirits coloured LR		2.5ltr, 4 x 2.5ltr, 5ltr, 4 x 5ltr, 25ltr	
Methylene Blue LR		25g, 100g, 500g, 6 x 500g	C ₁₆ H ₁₈ ClN ₃ S
Methylene Blue aqueous solution		100ml	C ₁₆ H ₁₈ ClN ₃ S (anhydrous)
Methyl Orange AR		100g	C ₁₄ H ₁₄ N ₃ NaO ₃ S
Methyl Orange Indicator Solution		500ml	C ₁₄ H ₁₄ N ₃ NaO ₃ S
2-Methyl-2,4-pentanediol LR	80% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	C ₈ H ₁₈ O ₂
4-Methylpentan-2-one AR (MIBK)	99% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ COCH ₂ CH(CH ₃) ₂
2-Methylpropan- 1 -ol LR	98% minimum	2.5ltr, 4 x 2.5ltr	(CH ₃) ₂ CHCH ₂ OH
Methyl Red AR		25g	C ₁₅ H ₁₅ N ₃ O ₂
Methyl Red Indicator Solution		100ml	C ₁₅ H ₁₅ N ₃ O ₂
Methyl Salicylate LR	98% minimum	500ml	C ₈ H ₈ O ₃
Murexide AR	98% minimum	25g	C ₈ H ₈ N ₆ O ₆

N

Nessler's Reagent for ammonium salts		500ml	NA
Nickel standard solution 1000 ppm		500ml	Ni
Nickel Sulphate hexahydrate LR	98% minimum	500g, 6 x 500g	NiSO ₄ ·6H ₂ O
Nitric Acid 55% LR	55% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	HNO ₃ (anhydrous)
Nitric Acid 55% AR	55% minimum	2.5ltr, 4 x 2.5ltr	HNO ₃ (anhydrous)
Nitric Acid 60% AR	60% minimum	25ltr	HNO ₃ (anhydrous)
Nitric Acid 65% AR	65% minimum	2.5ltr, 4 x 2.5ltr	HNO ₃ (anhydrous)
Nitroso-R-Salt LR	90% minimum	25g	C ₁₀ H ₇ NNa ₂ O ₈ S ₂

O			
Oil for immersion lenses LR		100ml	
Orthophosphoric Acid LR	85% minimum	2.5ltr, 4 x 2.5ltr	H ₃ PO ₄
Orthophosphoric Acid AR	85% minimum	2.5ltr, 4 x 2.5ltr	H ₃ PO ₄
Oxalic Acid dihydrate LR	98% minimum	500g, 6 x 500g, 5kg	(COOH) ₂ ·2H ₂ O
Oxalic Acid dihydrate AR	99 - 102.5%	500g, 6 x 500g	(COOH) ₂ ·2H ₂ O

P			
Paraffin liquid LR		2.5ltr, 4 x 2.5ltr	A mixture of liquid hydrocarbons from petroleum
Paraffin Wax melting point 57 - 60 °C		500g, 6 x 500g	A mixture of solid hydrocarbons from petroleum having the general formula C _n H _{2n-2}
Pentane LR	70 - 80%	2.5ltr, 4 x 2.5ltr	mostly CH ₃ CH ₂ CH ₂ CH ₂ CH ₃ + (CH ₃) ₂ CHCH ₂ CH ₃
Pepsin LR		500g, 6 x 500g	Complex protein
Peptone Powder LR		250g	Varies with composition
Perchloric Acid 60% AR	59.0% - 62.0%	2.5ltr, 4 x 2.5ltr, 25ltr	HClO ₄ (anhydrous)
Perchloric Acid 70% AR	69.0 - 72.0%	2.5ltr, 4 x 2.5ltr	HClO ₄ (anhydrous)
Perchloric acid O. 1 N in acetic acid AR	0.1N ± 0.5%	500ml	
Periodic acid AR	99% minimum	100g	H ₅ IO ₆ or HIO ₄ ·2H ₂ O
Petroleum Ether 30 - 60 AR		2.5ltr, 4 x 2.5ltr, 25ltr	Variable mixture of light weight hydrocarbons
Petroleum Ether 40 - 60 AR		2.5ltr, 4 x 2.5ltr, 25ltr	Variable mixture of light weight hydrocarbons
Petroleum Jelly white LR		500g, 6 x 500g	A colloidal system of nonstraight-chain solid hydrocarbons and high boiling liquid hydrocarbons. General formula C _n H _{2n-2}
Petroleum Ether 60 - 80 AR		2.5ltr, 4 x 2.5ltr	Variable mixture of light weight hydrocarbons
Petroleum Ether 80 - 100 AR		2.5ltr - 4 x 2.5ltr	Variable mixture of light weight hydrocarbons
1,10-Phenanthroline Monohydrate LR		5g, 25g	C ₁₂ H ₈ N ₂ ·H ₂ O
1,10-Phenanthroline -Ferrous complex solution		100ml	
Phenol LR	98% minimum	500g, 6 x 500g	C ₆ H ₆ O
Phenol AR	99.5% minimum	500g, 6 x 500g	C ₆ H ₆ O
Phenolphthalein Solution		500ml	C ₂₀ H ₁₄ O ₄
Phenol Red		25g	C ₁₈ H ₁₄ O ₂ S
Phenol Red Indicator Solution		100ml	C ₁₉ H ₁₄ O ₂ S
Phosphorous Pentoxide AR	98.5% minimum	500g, 6 x 500g	P ₂ O ₅
Polyethylene Glycol 400 LR		2.5ltr, 4 x 2.5ltr	H(OCH ₂ CH ₂ nOH) - average n is between 8.2 and 9.1
Potassium Acetate LR	98.0 - 101%	500g, 6 x 500g	CH ₃ COOK
Potassium Bromide AR	99.0% minimum	500g, 6 x 500g	KBr
Potassium Carbonate anhydrous AR	99.50%	500g, 6 x 500g	K ₂ CO ₃
Potassium Chloride LR	98.5% minimum	500g, 6 x 500g	KCl
Potassium Chloride AR	99.0% - 100.5%	500g, 6 x 500g, 5kg	KCl
Potassium Chloride saturated solution		500ml	KCl
Potassium Chromate AR	99% minimum	500g, 6 x 500g	K ₂ CrO ₄
Potassium citrate monohydrate AR	99% minimum	500g, 6 x 500g	K ₃ C ₆ H ₅ O ₇ ·H ₂ O
Potassium Cyanide LR	95% minimum	500g, 6 x 500g	KCN
Potassium Cyanide AR	96% minimum	500g, 6 x 500g	KCN
Potassium Dichromate LR	98% minimum	500g, 6 x 500g	K ₂ Cr ₂ O ₇
Potassium Dichromate AR	99.5% minimum	500g, 6 x 500g	K ₂ Cr ₂ O ₇
Potassium Dihydrogen Orthophosphate AR	99% minimum	500g, 6 x 500g	KH ₂ PO ₄
Potassium Ferricyanide LR	97% minimum	500g, 6 x 500g	K ₃ Fe(CN) ₆
Potassium Ferricyanide AR	99% minimum	500g, 6 x 500g	K ₃ Fe(CN) ₆
Potassium Fluoride LR	98% minimum	250g	KF
Potassium Fluoride AR	99% minimum	250g	KF
Potassium Hydrogen Carbonate AR	99% minimum	500g, 6 x 500g	KHCO ₃
di-Potassium Hydrogen Orthophosphate anhydrous LR	98 - 101%	500g, 6 x 500g	K ₂ HPO ₄
Potassium Hydrogen Phthalate AR	99.5% minimum	500g, 6 x 500g	HOCC ₆ H ₄ COOK
Potassium Hydroxide pellets LR	85% minimum	500g, 6 x 500g, 5kg	KOH
Potassium Hydroxide pellets AR	85% minimum	500g, 6 x 500g	KOH
Potassium Iodate AR	99.0 - 101.0%	500g, 6 x 500g	KIO ₃
Potassium Iodate/Iodide concentrated solution N/64		Ampoule	KI / KIO ₃
Potassium Iodide LR	99% minimum	500g, 6 x 500g	KI
Potassium Iodide AR	99% minimum	500g, 6 x 500g, 5kg	KI
Potassium Iodide solution 10%		500ml	KI
Potassium Nitrate LR	98.0% minimum	500g, 6 x 500g	KNO ₃
Potassium Nitrate AR	99.0% minimum	500g, 6 x 500g	KNO ₃
Potassium Oxalate 1 -Hydrate AR	99% minimum	500g, 6 x 500g	(COOK) ₂ ·H ₂ O
Potassium Perchlorate LR	98.5% minimum	500g, 6 x 500g, 25kg	KClO ₄

Potassium Permanganate LR	98.0% minimum	500g, 6 x 500g	KMnO ₄
Potassium Permanganate AR	99.0% minimum	500g, 6 x 500g	KMnO ₄
Potassium Permanganate concentrated solution 0.1N (0.02M)		Ampoule	KMnO ₄
Potassium Persulphate LR	98% minimum	500g, 6 x 500g	K ₂ S ₂ O ₈ (gradually decomposes losing oxygen)
Potassium Sodium Tartrate tetrahydrate AR	99 - 101%	500g, 6 x 500g	(KOOC)(CHOH) ₂ (COONa).4H ₂ O
Potassium Sulphate LR	99.0 - 100.5%	500g, 6 x 500g	K ₂ SO ₄
Potassium Sulphate AR	99.0% minimum	500g, 6 x 500g, 5kg	K ₂ SO ₄
Potassium Thiocyanate LR	98% minimum	500g, 6 x 500g	KSCN
Potassium Thiocyanate AR	98% minimum	500g, 6 x 500g	KSCN
Potassium thiocyanate solution 0.1N	0.1N ± 0.5%	500ml	KSCN
Propylene- 1,2-diol LR		2.5ltr, 4 x 2.5ltr	CH ₃ CHOHCH ₂ OH
Propan- 1 -ol LR	99% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ CH ₂ CH ₂ OH
Propan- 1 -ol AR	99% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ CH ₂ CH ₂ OH
Propan-2-ol LR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	CH ₃ CHOHCH ₃
Propan-2-ol AR	99.0% minimum	2.5ltr, 4 x 2.5ltr	CH ₃ CHOHCH ₃
Pyridine AR	99% minimum	2.5ltr, 4 x 2.5ltr	C ₅ H ₅ N
Q			
Quinol LR	99% minimum	500g, 6 x 500g	C ₆ H ₄ (OH) ₂
Quinol AR	96% minimum	2.5ltr, 4 x 2.5ltr	C ₉ H ₇ N
R			
Resorcinol AR	98.5 - 101%	500g, 6 x 500g	C ₆ H ₄ (OH) ₂
S			
Safranine O LR		25g	C ₂₀ H ₁₉ ClN ₄
Salicylic Acid LR	99% minimum	500g, 6 x 500g	(HO)C ₆ H ₄ (COOH)
Sand acid washed AR		1kg	Mostly silicates
Scandium Oxide AR	98% minimum	5g	Sc ₂ O ₃
Silicia Gel Self indicating LR		500g, 6 x 500g, 2kg	SiO ₂
Silicon standard solution 1000ppm		500ml	Si
Silver Nitrate LR	99.0% minimum	25g, 100g, 500g, 6 x 500g	AgNO ₃
Silver Nitrate AR	99.2% minimum	100g, 500g, 6 x 500g	AgNO ₃
Silver Nitrate concentrated solution 0.1N		Ampoule	AgNO ₃ (anhydrous)
Silver Sulphate LR	98% minimum	100g	Ag ₂ SO ₄
Silver Sulphate AR	99% minimum	100g	Ag ₂ SO ₄
Soda Lime 4 to 8 mesh LR		500g, 6 x 500g	See under composition
Sodium standard solution 1000ppm		500ml	Na
Sodium Acetate anhydrous LR	98% minimum	500g, 6 x 500g	CH ₃ COONa
Sodium Acetate anhydrous AR	99% minimum	500g, 6 x 500g	CH ₃ COONa
Sodium Acetate trihydrate LR	98.0% minimum	500g, 6 x 500g	CH ₃ COONa.3H ₂ O
Sodium Acetate trihydrate AR	99.0 - 101.0%	500g, 6 x 500g	CH ₃ COONa.3H ₂ O
Sodium Benzoate LR	99% minimum	500g, 6 x 500g	C ₆ H ₅ COONa
Sodium Borohydride powder LR	95% minimum	100g	NaBH ₄
Sodium Bromide LR	98.00%	500g, 6 x 500g	NaBr
Sodium Bromide AR	98.00%	500g, 6 x 500g, 5kg	NaBr
Sodium Carbonate anhydrous LR	98.0% minimum	500g, 6 x 500g, 5kg	Na ₂ CO ₃
Sodium Carbonate anhydrous AR	99.5% minimum	500g, 6 x 500g	Na ₂ CO ₃
Sodium Chloride LR	99.0% minimum	500g, 6 x 500g, 5kg	NaCl
Sodium Chloride AR	99.0% - 100.5%	500g, 6 x 500g, 5kg	NaCl
tri-Sodium Citrate dihydrate AR	99.0 - 100.5%	500g, 6 x 500g	C ₆ H ₅ Na ₃ O ₇
Sodium Cyanide LR	95% minimum	500g, 6 x 500g	NaCN
Sodium Dichromate dihydrate LR	99% minimum	500g, 6 x 500g	Na ₂ Cr ₂ O ₇ .2H ₂ O
Sodium Dihydrogen Orthophosphate anhydrous LR	98% minimum	500g, 6 x 500g	NaH ₂ PO ₄
Sodium di-Hydrogen Orthophosphate dihydrate LR	98.0 - 100.5%	500g, 6 x 500g	NaH ₂ PO ₄ .2H ₂ O
Sodium di-Hydrogen Orthophosphate dihydrate AR	98.0 - 100.5%	500g, 6 x 500g	NaH ₂ PO ₄ .2H ₂ O
Sodium Diphenylamine-4-sulphonate LR		10g	C ₆ H ₅ NHC ₆ H ₄ SO ₃ Na
Sodium Fluoride AR	98% minimum	500g, 6 x 500g	NaF
Sodium Hexametaphosphate LR	65% minimum	500g, 6 x 500g	(NaPO ₃) _{n-n=2 to 25 and even higher. It is not necessarily a hexamer}
Sodium Hydrogen Carbonate LR	99.0% minimum	500g, 6 x 500g	NaHCO ₃
Sodium Hydrogen Carbonate AR	99.0% minimum	500g, 6 x 500g	NaHCO ₃

di-Sodium Hydrogen Orthophosphate anhydrous LR	98.0% minimum	500g, 6 x 500g	Na ₂ HPO ₄
di-Sodium Hydrogen Orthophosphate anhydrous AR	99.0% minimum	500g, 6 x 500g	Na ₂ HPO ₄
di-Sodium Hydrogen Orthophosphate dihydrate AR	98.5 - 101%	500g, 6 x 600g	Na ₂ HPO ₄ ·2H ₂ O
di-Sodium Hydrogen Orthophosphate 12-H ₂ O AR	98.5 - 101%	500g, 6 x 500g	Na ₂ HPO ₄ ·12H ₂ O
Sodium Hydroxide Flakes LR	97% minimum	5kg	NaOH
Sodium Hydroxide Pearls LR	97% minimum	500g, 6 x 500g, 5kg	NaOH
Sodium Hydroxide Pellets LR	98% minimum	500g, 6 x 500g, 5kg	NaOH
Sodium Hydroxide Pellets AR	98% minimum	500g, 6 x 500g, 5kg	NaOH
Sodium Hydroxide concentrated solution 1N (1M)		Ampoule	NaOH (anhydrous)
Sodium Hydroxide concentrated solution 0. 1N (0. 1M)		Ampoule	NaOH (anhydrous)
Sodium Hypochlorite 5% solution	5% minimum	500ml, 2.5ltr, 4 x 2.5ltr	NaClO (anhydrous)
Sodium Iodide LR	99% minimum	500g, 6 x 500g	NaI
Sodium Iodide AR	99% minimum	500g, 6 x 500g	NaI
Sodium Lactate solution 60%	58 - 62% m/v	500ml	CH ₃ CHOHCOONa (anhydrous)
Sodium Laurel Sulphate LR	90% minimum	500g, 6 x 500g	CH ₃ (CH ₂) ₁₀ CH ₂ OSO ₃ Na
Sodium Laurel Sulphate AR	90% minimum	500g, 6 x 500g	CH ₃ (CH ₂) ₁₀ CH ₂ OSO ₃ Na
Sodium Metabisulphite AR	97.0% minimum	500g, 6 x 500g	Na ₂ S ₂ O ₅
Sodium Nitrate LR	98% minimum	500g, 6 x 500g	NaNO ₃
Sodium Nitrate AR	98.5% minimum	500g, 6 x 500g	NaNO ₃
Sodium Nitrite AR	98.5% minimum	500g, 6 x 500g	NaNO ₂
Sodium Nitroprusside dihydrate AR	99% minimum	100g	Na ₂ [Fe(CN) ₅ NO]·2H ₂ O
tri-Sodium Orthophosphate anhydrous LR	97% minimum	500g, 6 x 500g	Na ₃ PO ₄
tri-Sodium Orthophosphate dodecahydrate AR	97% minimum	500g, 6 x 500g	Na ₃ PO ₄ ·12H ₂ O
Sodium Perborate tetrahydrate LR	96% minimum	500g, 6 x 500g	NaBO ₃ ·4H ₂ O. Alternatively NaBO ₂ ·H ₂ O ₂ ·3H ₂ O
Sodium Periodate AR	99% minimum	500g, 6 x 500g	Na ₂ D ₄ O ₇ ·D ₄ 54I ₀
Sodium Peroxide LR		500g, 6 x 500g	Na ₂ O ₂
tetra-Sodium Pyrophosphate anhydrous AR	98% minimum	500g, 6 x 500g	Na ₄ P ₂ O ₇
tetra-Sodium Pyrophosphate decahydrate AR	99% minimum	500g, 6 x 500g	Na ₄ P ₂ O ₇ ·10H ₂ O
Sodium Salicylate AR	99.0 - 101.0%	500g, 6 x 500g	C ₇ H ₅ NaO ₃
Sodium Seletine AR	44% minimum	100g	Na ₂ SeO ₃
Sodium Stearate LR		500g, 6 x 500g	CH ₃ (CH ₂) ₁₆ COONa. Usually contains sodium palmitate
Sodium Sulphate decahydrate AR	99.0 - 101.0%	500g, 6 x 500g	Na ₂ SO ₄ ·10H ₂ O
Sodium Sulphate Anhydrous LR	97.00%	500g, 6 x 500g	Na ₂ SO ₄
Sodium Sulphate Anhydrous AR	99.00%	500g, 6 x 500g, 5kg	Na ₂ SO ₄
Sodium Sulphide hydrate AR	32% - 38%	500g, 6 x 500g	Na ₂ SxH ₂ O x= 7 - 9
Sodium Sulphite anhydrous LR	96% minimum	500g, 6 x 500g	Na ₂ SO ₃
Sodium Sulphite anhydrous AR	97% minimum	500g, 6 x 500g	Na ₂ SO ₃
Sodium Tartrate dihydrate AR	99% minimum	500g, 6 x 500g	NaOOC(OH)C(OH)COONa·2H ₂ O
Sodium Tetraborate 10-hydrate LR	98.5% minimum	500g, 6 x 500g	Na ₂ B ₄ O ₇ ·10H ₂ O
Sodium Tetraborate 10-hydrate AR	99.0 - 103.0%	500g, 6 x 500g	Na ₂ B ₄ O ₇ ·10H ₂ O
Sodium Thiosulphate pentahydrate LR	99.0% minimum	500g, 6 x 500g	Na ₂ S ₂ O ₅ ·5H ₂ O
Sodium Thiosulphate pentahydrate AR	99.0 - 101.0%	500g, 6 x 500g	Na ₂ S ₂ O ₅ ·5H ₂ O
Sodium thiosulphate concentrated solution 0. 1N		Ampoule	Na ₂ S ₂ O ₅ (anhydrous)
Sorbic Acid AR	99% minimum	100g	CH ₃ CH=CHCH=CHOOCH
Stannous Chloride anhydrous AR	98% minimum	500g, 6 x 500g	SnCl ₂
Soluble Starch (Vitex®) AR		500g, 6 x 500g	(C ₆ H ₁₀ O ₅) _n . Potato or corn starch hydrolysed with hydrochloric acid
Stearic Acid LR		500g, 6 x 500g	CH ₃ (CH ₂) ₁₆ COOH
Sucrose LR		500g, 6 x 500g, 5kg	C ₁₂ H ₂₂ O ₁₁
Sucrose AR		500g, 6 x 500g	C ₁₂ H ₂₂ O ₁₁
Sulphamic Acid LR	98% minimum	500g, 6 x 500g	H ₂ NSO ₃ H
Sulphanilamide AR	99% minimum	250g	H ₂ N-C ₆ H ₄ -SO ₂ NH ₂
5-Sulphosalicylic acid dihydrate AR	99% minimum	500g, 6 x 500g	C ₇ H ₆ O ₆ ·2H ₂ O
Sulphur powder LR	98.0 - 102.0%	500g, 6 x 500g	S
Sulphuric Acid 91% LR	90 - 91%	2.5ltr, 4 x 2.5ltr	H ₂ SO ₄ (anhydrous)
Sulphuric Acid LR	95% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	H ₂ SO ₄ (anhydrous)
Sulphuric Acid 95 - 99% AR	95 - 99%	2.5ltr, 4 x 2.5ltr	H ₂ SO ₄ (anhydrous)
Sulphuric Acid 4N (2M)		5ltr, 4 x 5ltr	H ₂ SO ₄ (anhydrous)
Sulphuric Acid concentrated solution 1N (0.5M)		Ampoule	H ₂ SO ₄ (anhydrous)
Sulphuric Acid Solution 0. 1N (0.05M) concentrated		Ampoule	H ₂ SO ₄ (anhydrous)

T

Tannic Acid LR

500g

Gallic acid derivatives or varying composition

L(+)- Tartaric Acid AR	99.5 - 101.0%	500g, 6 x 500g	HOOC(CHOH) ₂ COOH
Tellurium Tetrachloride LR	98% minimum	100g	TeCl ₄
1, 1,2,2-Tetrabromoethane LR	98% minimum	500ml	Br ₂ CHCHBr ₂
Tetrachloroethylene LR		2.5ltr, 4 x 2.5ltr	Cl ₂ C=CCl ₂
Tetrachloroethylene AR	99% minimum	2.5ltr, 4 x 2.5ltr	Cl ₂ C=CCl ₂
Tetrahydrofuran LR	98% minimum	2.5ltr, 4 x 2.5ltr	C ₄ H ₈ O
Tetrahydrofuran AR	99.5% minimum	2.5ltr, 4 x 2.5ltr	C ₄ H ₈ O
Thiourea LR	98% minimum	500g, 6 x 500g	H ₂ NCSNH ₂
Thymol LR	98% minimum	25g	C ₁₀ H ₁₄ O
Toluene LR		2.5ltr, 4 x 2.5ltr, 25ltr	C ₆ H ₅ CH ₃
Toluene AR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	C ₆ H ₅ CH ₃
Trichloroacetic acid AR	99.0% minimum	500g, 6 x 500g	CCl ₃ COOH
Trichloroethylene LR		2.5ltr, 4 x 2.5ltr	CCl ₂ =CHCl
Triethanolamine AR	98.5% minimum	2.5ltr, 4 x 2.5ltr	N(CH ₂ CH ₂ OH) ₃
Tris-(hydroxymethyl)-aminomethane AR	99.5% minimum	500g, 6 x 500g	(CH ₂ OH) ₃ CNH ₂
dodeca - Tungstophosphoric Acid hydrate AR		100g	H ₃ [P(W ₃ O ₁₀) ₄].xH ₂ O where x may vary appreciably
Tween®20 LR		500ml	Varies depending on degree of polymerisation
Tween®80 LR		500ml	Varies depending on degree of polymerisation

U

Universal indicator solution		100ml	
Urea AR	99% minimum	500g, 6 x 500g	(NH ₂) ₂ CO

W

Water de-ionised LR		5ltr, 4 x 5ltr	H ₂ O
Water de-ionised AR		25ltr	H ₂ O

X

Xylene LR		2.5ltr, 4 x 2.5ltr, 25ltr	(CH ₃) ₂ C ₆ H ₄
Xylene AR	99% minimum	2.5ltr, 4 x 2.5ltr, 25ltr	(CH ₃) ₂ C ₆ H ₄
Xylenol Orange		5g	C ₃₁ H ₂₈ N ₂ Na ₄ O ₁₃ S
D(+) Xylose LR	97% minimum	25g	C ₅ H ₁₀ O ₅

Z

Zinc metal powder AR		500g, 6 x 500g	Zn
Zinc metal granular (mossy) LR		500g, 6 x 500g	Zn
Zinc standard solution 1000 ppm		500ml	Zn (zinc)
Zinc Acetate 2-hydrate AR	99 - 102%	500g	Zn(CH ₃ COO) ₂ ·2H ₂ O
Zinc Chloride LR	97% minimum	500g, 6 x 500g	ZnCl ₂
Zinc Chloride AR	98% minimum	500g, 6 x 500g	ZnCl ₂
Zinc Nitrate hexahydrate LR	98% minimum	500g, 6 x 500g	Zn(NO ₃) ₂ ·6H ₂ O
Zinc Sulphate Heptahydrate LR	98% minimum	500g, 6 x 500g	ZnSO ₄ ·7H ₂ O
Zinc Sulphate Heptahydrate AR	99 - 104%	500g, 6 x 500g	ZnSO ₄ ·7H ₂ O