

ATOMIC ABSORPTION STANDARDS

ALL STANDARD CONCENTRATIONS AT 1000PPM - OTHER CONCENTRATIONS CAN BE MANUFACTURED TO ORDER

ELEMENT	SYMBOL
ALUMINIUM	Al
AMMONIA	NH ₃
AMMONIUM	NH ₄
ANTIMONY	Sb (stibium)
ARSENIC	As
BARIUM	Ba
BERYLLIUM	Be
BISMUTH	Bi
BORON	B
BROMINE	Br
CADMIUM	Cd
CAESIUM	Cs
CALCIUM	Ca
CERIUM	Ce
CHLORIDE	Cl
CHROMIUM	Cr
COBALT	Co
COPPER	Cu (cuprum)
CYANIDE	CN
DYSPROSIUM	Dy
ERBIUM	Er
FLOURINE	F
GADOLINIUM	Gd
GALLIUM	Ga
GERMANIUM	Ge
GOLD	Au (aurum)
HAFNIUM	Hf
HOLMIUM	Ho
INDIUM	In
IODINE	I
IRIDIUM	Ir
IRON	Fe (ferrum)
LANTHANUM	La
LEAD	Pb (plumbum)

ELEMENT	SYMBOL
LITHIUM	Li
MAGNESIUM	Mg
MANGANESE	Mn
MERCURY	Hg (hydrargium)
MOLYBDENUM	Mo
NICKEL	Ni
NITRATE	NO ₃
NITROGEN	N
PALLADIUM	Pd
PHOSPHATE	PO ₄
PHOSPHORUS	P
PLATINUM	Pt
POTASSIUM	K (kalium)
SAMARIUM	Sm
SCANDIUM	Sc
SELENIUM	Se
SILICON	Si
SILVER	Ag (argentum)
SODIUM	Na (natrium)
STRONTIUM	Sr
SULPHATE	SO ₄
SULPHUR	S
TANTALUM	Ta
TELLURIUM	Te
TERBIUM	Tb
TIN	Sn (stannum)
TITANIUM	Ti
TUNGSTEN	W (wolfram)
URANIUM	U
VANADIUM	V
YTTRIUM	Y
ZINC	Zn
ZIRCONIUM	Zr

REFERENCE BUFFERS

BUFFER pH 1.0
BUFFER pH 1.68
BUFFER pH 2.0
BUFFER pH 3.0
BUFFER pH 4.0
BUFFER pH 5.0
BUFFER pH 6.0
BUFFER pH 6.86
BUFFER pH 7.0
BUFFER pH 8.0
BUFFER pH 9.0
BUFFER pH 9.18
BUFFER pH 9.21
BUFFER pH 10.0
BUFFER pH 11.0
BUFFER pH 12.0
BUFFER pH 12.45
BUFFER pH 13.0

ACETATE BUFFERS
BARBITAL BUFFERS
BARBITAL ACETATE BUFFERS
BARBITAL EDTA BUFFERS
BARBITAL GLYCINE BUFFERS
GLYCINE BUFFERS
HEPES BUFFERS
PHOSPHATE BUFFERS
TRICINE BUFFERS
TRIS BUFFERS

THIS LIST INCLUDES ONLY THE MORE COMMONLY ORDERED REAGENTS

pH INDICATORS

pH INDICATOR	pH RANGE
ALIZAROL 68/70/72/80	6.0 - 6.4 / 6,45 - 6,75 / 6,8+
ALKALI BLUE	11.5 - 13.0
BROMOCRESOL GREEN	4.0 - 5.4
BROMOCRESOL PURPLE	5.2 - 6.8
BROMOPHENOL BLUE	3.0 - 4.6
BROMOTHYMOL BLUE	6.0 - 7.6
CONGO RED	3.0 - 5.0
CRESOL PURPLE	1.2 - 2.8 / 7.4 - 9.0
CRESOL RED	0.5 - 2.4 / 6.5 - 8.5
DIMETHYL YELLOW	2.9 - 4.0
LITMUS	4.5 - 8.3
METHYL ORANGE	3.0 - 4.4
METHYL ORANGE-XYLENE CYANOL	3.0 - 4.4
METHYL PURPLE	4.2 - 6.3
METHYL RED	4.2 - 6.2
METHYL YELLOW	2.9 - 4.0
MIXED INDICATOR 5 (for NH ₃ titrations)	4.2 - 6.2
PHENOLPHTHALEIN	8.3-10.0
PHENOL RED	6.8 - 8.4
PHTHALEIN PURPLE	8.2 - 9.8
THYMOL BLUE	1.2 - 2.8 / 8.0 - 9.6
THYMOLPHTHALEIN	9.4 - 10.4
UNIVERSAL INDICATOR	1 - 13 / 4 - 11
4.5 INDICATOR	4.1 - 4.8

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TITRATION INDICATORS

BARIUM DIPHENYLAMINE SULPHONATE	Redox
BICARBONATE INDICATOR	Bicarbonate
CRYSTAL VIOLET in acetic acid	Perchlorate
DIMIDIUM BROMIDE-DISULPHINE BLUE	Ionic surfactants
ERIOCHROME BLACK "T"	Al, Ca, Hg, Mg, Mn, Ni, Zn
FERROIN (Phenanthroline ferrous complex)	Redox
METHYLENE BLUE	Redox
MUREXIDE	Ca, Co, Cu, Ni
PATTON & RHEEDER (HSN)	Calcium
POTASSIUM CHROMATE, 10%	Silver ions
PYRIDYL AZO NAPHTHOL (PAN)	Ni, Co, V, Zn
PYRIDYL AZO RESORCINOL (PAR)	Various Metal ions
SODIUM DIPHENYLAMINE SULPHONATE	Redox
STARCH	Iodine
o-TOLIDINE	Chlorine
XYLENOL ORANGE	Bi, Hf, Ni, Zn, Zr

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MISCELLANEOUS REAGENTS

ACID ALCOHOL 3% & 10%
BENEDICT'S REAGENT (qualitative & quantitative)
BIURET REAGENT (Weichselbaum)
BORON triFLUORIDE METHANOL complex
BRIX 5° - 70°
CALCIUM CHLORIDE M/40
CITRIC ACID 6%
CONDUCTIVITY STANDARDS 84µS/cm - 120 000µS/cm
CUPRIETHYLENE DIAMINE
DEIONISED WATER
FEHLING'S solution "A"
FEHLING'S solution "B"
HAZEN COLOUR STANDARD
HYDROCHLORIC ACID 6% - 50%
HYDROGEN PEROXIDE 2% - 50%
KOVAC'S INDOLE REAGENT
"NORMAL" PHYSIOLOGICAL SALINE
PEPSIN 1% & 10%
PETROLEUM ETHER 30 - 40 / 40 - 60 / 60 - 80 / 80 - 100
PHENOL 80% & 90% (liquified)
PHOSPHATE BUFFER M/15 pH 6.8
POTASSIUM CHLORIDE 1M - 4M
POTASSIUM CHLORIDE 3M, 4M / in sat AgCl
POTASSIUM HYDROXIDE 1% - 52%
REDOX 220mV
REDOX 263mV
REDOX 475mV
SODIUM HYDROXIDE 1% - 50%
SULPHURIC ACID 1% - 91%
TDS STANDARDS 50PPM - 6050PPM
WIJ'S IODINE > 0.2 N

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STAINS

ALBERT'S STAIN
AMMONIUM OXALATE-CRYSTAL VIOLET
CARBOL FUCHSIN
CRYSTAL VIOLET for C.S.F.s
CRYSTAL VIOLET 0.5%
DELAFIELD HAEMATOXYLIN
EHRlich'S HAEMATOXYLIN
EOSIN 1% & 5%
EOSIN-ERYTHROSIN COUNTERSTAIN
FIELD'S STAIN "A"
FIELD'S STAIN "B"
GENTIAN VIOLET
GIEMSA STAIN
GILL'S HAEMATOXYLIN No.2
GRAM'S IODINE
GRAM STAIN SET
HARRIS' HAEMATOXYLIN
JENNER'S STAIN
LACTOPHENOL COTTON BLUE
LEISHMAN STAIN
LÖFFLER'S METHYLENE BLUE
LUGOL'S IODINE
MALACHITE GREEN 0.5% ZN counterstain
MAYER'S HAEMALUM (HAENATOXYLIN)
MAY-GRUNWALD STAIN
METHYLENE BLUE 0.5% ZN counterstain
METHYL VIOLET 0.5%
NEUTRAL RED 0.1% Gram counterstain
NEWMAN'S STAIN (modified)
NIGROSIN 5% & 10%
PAPANICOLAOU EA 36, EA 50 & EA 65
PAPANICOLAOU OG 6
PONDER'S STAIN
RAPIDIFF* DIFFERENTIAL STAIN

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STAINS

RETICULOCYTE STAIN
SAFRANIN Gram counterstain
SCHIFF'S ALDEHYDE REAGENT
SCHULTZES STAIN for cellulose
STERNHEIMER-MALBIN STAIN
STEVENEL'S BLUE
SUDAN III
SUDAN IV
WEIGERT'S IRON HAEMATOXYLIN A
WEIGERT'S IRON HAEMATOXYLIN B
WRIGHT'S STAIN

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WATER TEST KITS

TEST KIT ALKALINITY M L/R / H/R (Drop test) (10 - 2400ppm)	DWTA21
TEST KIT ALKALINITY M L/R (Drop test) (10 - 600ppm)	DWTA09
TEST KIT ALKALINITY M H/R (Drop test) (200 - 2400ppm)	DWTA11
TEST KIT ALKALINITY P L/R / H/R (Drop test) (10 - 2400ppm)	DWTA20
TEST KIT ALKALINITY P L/R (Drop test) (10 - 600ppm)	DWTA10
TEST KIT ALKALINITY P H/R (Drop test) (200 - 2400ppm)	DWTA12
TEST KIT ALKALINITY P OH L/R (Drop test) (10 - 600ppm)	DWTA16
TEST KIT ALKALINITY P OH H/R (Drop test) (200 - 2400ppm)	DWTA17
TEST KIT ALKALINITY M/P L/R / H/R (Drop test) (10 - 2400ppm)	DWTA08
TEST KIT ALKALINITY M/P L/R (Drop test) (10 - 600ppm)	DWTA18
TEST KIT ALKALINITY M/P H/R (Drop test) (200 - 2400ppm)	DWTA19
TEST KIT ALKALINITY M/P OH L/R / H/R (Drop test) (10 - 2400ppm)	DWTA24
TEST KIT ALKALINITY M/P OH L/R (Drop test) (10 - 600ppm)	DWTA14
TEST KIT ALKALINITY M/P OH H/R (Drop test) (200 - 2400ppm)	DWTA15
TEST KIT CHLORIDE L/R / H/R (Drop test) (20 - 20 000ppm)	DWTC01
TEST KIT CHLORIDE L/R (Drop test) (20 - 400ppm)	DWTC02
TEST KIT CHLORIDE H/R (Drop test) (100 - 20 000ppm)	DWTC03
TEST KIT CHLORINE Free & Total (Colour card) (0 - 4ppm)	WTCC02
TEST KIT CHLORINE Free (Colour card) (0 - 4ppm)	WTCC03
TEST KIT CHLORINE Total (Colour card) (0 - 4ppm)	WTCC04
TEST KIT CHLORINE Free L/R (Drop test) (50 - 1200ppm)	DWTC04
TEST KIT CHLORINE Free H/R (Drop test) (500 - 60 000ppm)	DWTC05
TEST KIT CHLORINE Free V/H/R (Drop test) (40 000 - 150 000ppm)	DWTC06
TEST KIT CHROMATE (VI) (Colour card) (0 - 2ppm)	WTCC05
TEST KIT HARDNESS Calcium L/R / H/R (Drop test) (5 - 600ppm)	DWTH01
TEST KIT HARDNESS Calcium L/R (Drop test) (5 - 150ppm)	DWTH02
TEST KIT HARDNESS Calcium H/R (Drop test) (50 - 600ppm)	DWTH03
TEST KIT HARDNESS Total L/R / H/R (Drop test) (5 - 600ppm)	DWTH04
TEST KIT HARDNESS Total L/R (Drop test) (5 - 150ppm)	DWTH05
TEST KIT HARDNESS Total H/R (Drop test) (50 - 600ppm)	DWTH06
TEST KIT HARDNESS Ca & Total L/R / H/R (Drop test) (5 - 600ppm)	DWTH07
TEST KIT HARDNESS Ca & Total L/R (Drop test) (5 - 150ppm)	DWTH08
TEST KIT HARDNESS Ca & Total H/R (Drop test) (50 - 600ppm)	DWTH09

WATER TEST KITS

TEST KIT HYDROGEN PEROXIDE L/R / H/R (Drop test)	DWTH10
TEST KIT HYDROGEN PEROXIDE LR (Drop test)	DWTH12
TEST KIT HYDROGEN PEROXIDE H/R (Drop test)	DWTH11
TEST KIT IRON L/R / H/R (Colour card) (0 - 10ppm)	WTCT01
TEST KIT IRON L/R (Colour card) (0.5 - 3ppm)	WTCT02
TEST KIT IRON H/R (Colour card) (0 - 10ppm)	WTCT03
TEST KIT MOLYBDATE L/R (Colour card) (0 - 50ppm)	WTCT02
TEST KIT NITRITE L/R / H/R (Drop test) (10 - 10 000ppm)	DWTN01
TEST KIT NITRITE L/R (Drop test) (10 - 2 000ppm)	DWTN02
TEST KIT NITRITE H/R (Drop test) (200 - 10 000ppm)	DWTN03
TEST KIT PHOSPHATE M/R (Colour card) (0 - 100ppm)	WTCP04
TEST KIT PHOSPHONATE (Drop test)	DWTP02
TEST KIT QAC L/R / H/R (Drop test) (1 - 1000ppm)	DWTQ01
TEST KIT QAC L/R (Drop test) (20 - 100ppm)	DWTQ02
TEST KIT QAC H/R (Drop test) (100 - 1000ppm)	DWTQ03
TEST KIT SILICA L/R / H/R (Colour card) (0 - 100ppm)	WTCS01
TEST KIT SILICA L/R (Colour card) (0 - 10ppm)	WTCS02
TEST KIT SILICA H/R (Colour card) (0 - 100ppm)	WTCS03
TEST KIT SULPHITE (Drop test) (0 - 150ppm)	DWTS01
TEST KIT TANNIN L/R / H/R (Drop test)	DWTT01
TEST KIT TANNIN L/R (Drop test)	DWTT02
TEST KIT TANNIN H/R (Drop test)	DWTT03
TEST KIT ZINC (Colour card) (0 - 5ppm)	WTCZ01

TITRANTS

AMMONIUM THIOCYANATE 0.10N
BENZETHONIUM CHLORIDE 0,004M
CERIC AMMONIUM SULPHATE 0.10N
CERIC SULPHATE 0.10N
EDTA 0.020N - 0.20N
FERROUS AMMONIUM SULPHATE 0.10N
HYDROCHLORIC ACID 0.010N - 10.00N
HYDROCHLORIC ACID 0.10N - 1.00N in ALCOHOL
IODINE 0.05N - 1.00N
NITRIC ACID 0.02N - 5.00N
PERCHLORIC ACID 0.10N in acetic acid
POTASSIUM BROMATE-BROMIDE 0.10N
POTASSIUM DICHROMATE 0.10N
POTASSIUM FERRICYANIDE 0.10N
POTASSIUM HYDROXIDE 0.010N - 8,00N
POTASSIUM HYDROXIDE 0.10N - 1.00N in ALCOHOL
POTASSIUM IODATE-IODIDE 0.10N
POTASSIUM PERMANGANATE 0.010N - 1,00N
POTASSIUM THIOCYANATE 0.10N
SILVER NITRATE 0.010N - 1,00N
SODIUM HYDROXIDE 0.010N - 15,00N
SODIUM HYDROXIDE 0.10N - 1.00N in ALCOHOL
SODIUM THIOSULPHATE 0.005N - 1,00N
SULPHURIC ACID 0.020N - 36,00N
TETRABUTYL AMMONIUM HYDROXIDE 0.10N
WIJ'S IODINE

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