

ANALYTICAL VOLUMETRIC SOLUTIONS

Reagecon manufacture a complete range of volumetric solutions for all analytical laboratory applications which can be used for manual or automatic titrations. These are available as ready to use aqueous and non-aqueous titrants and in concentrated format.

READY TO USE AQUEOUS SOLUTIONS

This range of standardised solutions provides a convenient method for accurate volumetric analysis in the laboratory and a cost-effective answer to time and labour consuming preparation problems. These products are certified to a specification as outlined in the Certificate of Analysis. Lot No. and Expiry Date are printed on the label. Where possible, all of these solutions are certified traceable to N.I.S.T and this will be stated in the Certificate of Analysis. Please Note: All 10 litre pack sizes are in "Bag-in-Box" containers. (Please contact your distributor/Reagecon if you require 5L or 20L pack size "Bag-in-Box").



Product NO.	Description	Normality	Molarity	Pack Size
CH22005	Acetic Acid	2.0N	2.0M	5L
CH22001				1L
CH21005	Acetic Acid	1.0N	1.0M	5L
CH21001				1L
CH20055	Acetic Acid	0.5N	0.5M	5L
CH20051				1L
CH20105	Acetic Acid	0.1N	0.1M	5L
CH20101				1L
NH20105	Ammonia	0.1N	0.1M	5L
NH20101				1L
AS2055	Ammonium Sulphate	1.0N	0.5M	5L
AS2051				1L
AT2105	Ammonium Thiocyanate	1.0N	1.0M	2.5L
AT2101				1L
BACL2105	Barium Chloride	2.0N	1.0M	5L
BACL2101				1L
BACL2055	Barium Chloride	1.0N	0.5M	5L
BACL2051				1L
BACL20055	Barium Chloride	0.1N	0.05M	5L
BACL20051				1L
HY045	Benzethonium Chloride	0.04N	0.04M	5L
HY041				1L
HY0045	Benzethonium Chloride	0.004N	0.004M	5L
HY0041				1L
BR20105	Bromine (Bromate/bromide)	0.1N	0.05M	5L
BR20101				1L
CAAC2105	Calcium Acetate	1.0N	1.0M	5L
CAAC2101				1L

ANALYTICAL VOLUMETRIC SOLUTIONS
READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
CACL2055	Calcium Chloride	1.0N	0.5M	5L
CACL2051				1L
CACL20025	Calcium Chloride	0.04N	0.02M	5L
CACL20021				1L
CACL2001255	Calcium Chloride	0.025N	0.0125M	5L
CACL2001251				1L
CACL20015	Calcium Chloride	0.02N	0.01M	5L
CACL20011				1L
CACL20055	Calcium Chloride	0.01N	0.005M	5L
CACL20051				1L
CS2105	Cerium IV Sulphate	1.0N	1.0M	5L
CS2101				1L
CS20255	Cerium IV Sulphate	0.2N	0.2M	5L
CS20251				1L
CS2015	Cerium IV Sulphate	0.1N	0.1M	5L
CS2011				1L
CS20055	Cerium IV Sulphate	0.05N	0.05M	5L
CS20051				1L
CUS02055	Copper II Sulphate	0.5N	0.5M	5L
CUS02051				1L
CUS02015	Copper II Sulphate	0.1N	0.1M	5L
CUS02011				1L
CUCL2055	Copper II Chloride	0.5N	0.5M	5L
CUCL2051				1L
CU201685	Cupric Solution	0.168N	0.168M	5L
CU201681				1L
EDB50510	EDTA (Disodium salt)	1.0N	0.5M	10L
ED2055				5L
ED2051				1L
EDB20110	EDTA (Disodium salt)	0.2N	0.1M	10L
ED2015				5L
ED2011				1L
EDB200110	EDTA (Disodium salt)	0.02N	0.01M	10L
ED20015				5L
ED20011				1L
HB25010	Hydrochloric Acid	5.0N	5.0M	10L
H25005				5L
H25001				1L
HB235710	Hydrochloric Acid	3.57N	3.57M	10L
H23575				5L
H23571				1L
HB22010	Hydrochloric Acid	2.0N	2.0M	10L
H22005				5L
H22001				1L
H218025	Hydrochloric Acid	1.8N	1.8M	25L
H21805				5L
HB21010	Hydrochloric Acid	1.0N	1.0M	10L
H21005				5L
H21001				1L
HB20510	Hydrochloric Acid	0.5N	0.5M	10L
H20505				5L
H20501				1L

ANALYTICAL VOLUMETRIC SOLUTIONS
READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
HB2035710	Hydrochloric Acid	0.357N	0.357M	10L
H203575				5L
H203571				1L
HB202510	Hydrochloric Acid	0.25N	0.25M	10L
H20255				5L
H20251				1L
HB20210	Hydrochloric Acid	0.2N	0.2M	10L
H20205				5L
H20201				1L
HB20110	Hydrochloric Acid	0.1N	0.1M	10L
H20105				5L
H20101				1L
HB200510	Hydrochloric Acid	0.05N	0.05M	10L
H20055				5L
H20051				1L
HB20035710	Hydrochloric Acid	0.0357N	0.0357M	10L
H2003575				5L
H2003571				1L
HB200210	Hydrochloric Acid	0.02N	0.02M	10L
H20025				5L
H20021				1L
HF20055	Hydrofluoric Acid	0.05N	0.05M	5L
HF20051				1L
I2050W	Iodine	1.0N	0.5M	2.5L
I2050F				1L
I2005W	Iodine	0.1N	0.05M	2.5L
I2005F				1L
I20023F	Iodine	0.0473N	0.02365M	1L
FES2025	Iron (II) Sulphate	0.2N	0.2M	5L
FES2021				1L
FECL215	Iron (III) Chloride	1.0N	1.0M	5L
FECL211				1L
PBA2055	Lead (II) Acetate	1.0N	0.5M	5L
PBA2051				1L
PBA20055	Lead (II) Acetate	0.1N	0.05M	5L
PBA20051				1L
PBNO2055	Lead (II) Nitrate	1.0N	0.5M	5L
PBNO2051				1L
MG2015	Magnesium Chloride	0.2N	0.1M	5L
MG2011				1L
MG20015	Magnesium Chloride	0.02N	0.01M	5L
MG20011				1L
MGSO2015	Magnesium Sulphate	0.1N	0.1M	5L
MGS2011				1L
MNCL2055	Manganese (II) Chloride	0.5N	0.5M	5L
MNCL2051				1L
MNCL20055	Manganese (II) Chloride	0.05N	0.05M	5L
MNCL20051				1L
HGN2015	Mercury (I) Nitrate	0.1N	0.1M	5L
HGN2011				1L
HGN20015	Mercury (II) Nitrate	0.02N	0.01M	5L
HGN20011				1L

ANALYTICAL VOLUMETRIC SOLUTIONS

READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
HGN200055	Mercury (II) Nitrate	0.01N	0.005M	5L
HGN200051				1L
NICL2055	Nickel (II) Chloride	0.5N	0.5M	5L
NICL2051				1L
NICL20055	Nickel (II) Chloride	0.05N	0.05M	5L
NICL20051				1L
NOB280010	Nitric Acid	8.0N	8.0M	10L
NO28005				5L
NO28001				1L
NOB240010	Nitric Acid	4.0N	4.0M	10L
NO24005				5L
NO24001				1L
NOB220010	Nitric Acid	2.0N	2.0M	10L
NO22005				5L
NO22001				1L
NOB210010	Nitric Acid	1.0N	1.0M	10L
NO21005				5L
NO21001				1L
NOB20110	Nitric Acid	0.1N	0.1M	10L
NO20105				5L
NO20101				1L
NOB200210	Nitric Acid	0.02N	0.02M	10L
NO20025				5L
NO20021				1L
OA2055	Oxalic Acid	1.0N	0.5M	5L
OA2051				1L
OA20055	Oxalic Acid	0.1N	0.05M	5L
OA20051				1L
OA200255	Oxalic Acid	0.05N	0.025M	5L
OA200251				1L
P2050F	Perchloric Acid in Acetic Acid	0.5N	0.5M	1L
P2050H				500ml
P2010W	Perchloric Acid in Acetic Acid	0.1N	0.1M	2.5L
P2010F				1L
P2010H				500ml
KB20016W	Potassium Bromate/Bromide	0.1N	0.0167M	2.5L
KB20016F				1L
KCL2105	Potassium Chloride	1.0N	1.0M	5L
KCL2101				1L
KCL2025	Potassium Chloride	0.2N	0.2M	5L
KCL2021				1L
KC2016W	Potassium Dichromate	1.0N	0.167M	2.5L
KC2016F				1L
KC20041W	Potassium Dichromate	0.25N	0.041M	2.5L
KC20041F				1L
KC20016W	Potassium Dichromate	0.1N	0.0167M	2.5L
KC20016F				1L
KC2002W	Potassium Dichromate	0.125N	0.0208M	2.5L
KC2002F				1L
KFE2015	Potassium Ferricyanide	0.1N	0.1M	5L
KFE2011				1L

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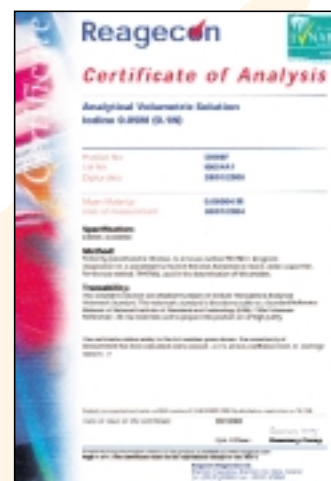
READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
PHP2015	Potassium Hydrogen	0.1N	0.1M	5L
PHP2011	Phthalate			1L
KOHB2110	Potassium Hydroxide	1.0N	1.0M	10L
KOH21005				5L
KOH21001				1L
KOHB20110	Potassium Hydroxide	0.1N	0.1M	10L
KOH20105				5L
KOH20101				1L
KOHB205010	Potassium Hydroxide	0.5N	0.5M	10L
KOH20505				5L
KOH20501				1L
KOHB200510	Potassium Hydroxide	0.05N	0.05M	10L
KOH20055				5L
KOH20051				1L
PII2002W	Potassium Iodate/Iodide	0.02N	0.00333M	2.5L
PII2002H				500ml
PI2005W	Potassium Iodate	0.3N	0.05M	2.5L
PI20025W	Potassium Iodate	0.15N	0.025M	2.5L
PI20016W	Potassium Iodate	0.1N	0.01667M	2.5L
K12305	Potassium Iodide	3.0N	3.0M	5L
K12301				1L
K12105	Potassium Iodide	1.0N	1.0M	5L
K12101				1L
K12015	Potassium Iodide	0.1N	0.1M	5L
K12011				1L
KO20055	di-Potassium Oxalate	0.1N	0.05M	5L
KO20051				1L
PP2020W	Potassium Permanganate	1.0N	0.2M	2.5L
PP2020F				1L
PP2002W	Potassium Permanganate	0.1N	0.02M	2.5L
PP2002F				1L
PP2001W	Potassium Permanganate	0.05N	0.01M	2.5L
PP2001F				1L
KT210W	Potassium Thiocyanate	1.0N	1.0M	2.5L
KT210F				1L
KT201W	Potassium Thiocyanate	0.1N	0.1M	2.5L
KT201F				1L
KT2005W	Potassium Thiocyanate	0.05N	0.05M	2.5L
KT2005F				1L
KT2002W	Potassium Thiocyanate	0.02N	0.02M	2.5L
KT2002F				1L
N21000W	Silver Nitrate	1.0N	1.0M	2.5L
N21000F				1L
N21000H				500ml
N201709W	Silver Nitrate	0.1709N	0.1709M	2.5L
N20100W	Silver Nitrate	0.1N	0.1M	2.5L
N20100F				1L
N20100H				500ml
N20085W	Silver Nitrate	0.085N	0.085M	2.5L
N20050W	Silver Nitrate	0.05N	0.05M	2.5L
N20028W	Silver Nitrate	0.0282N	0.0282M	2.5L
N20025F	Silver Nitrate	0.025N	0.025M	1L

ANALYTICAL VOLUMETRIC SOLUTIONS

READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

ELECTRODES ARE AVAILABLE FROM REAGECON AND ARE COMPATIBLE WITH ALL MAKES AND MODELS OF AUTO-TITRATORS



Product NO.	Description	Normality	Molarity	Pack Size
N20020W	Silver Nitrate	0.02N	0.02M	2.5L
N20020F				1L
N20014W	Silver Nitrate	0.0141N	0.0141M	2.5L
SA2005W	Sodium Arsenite	0.1N	0.5M	2.5L
SC20505	Sodium Carbonate	1.0N	0.5M	5L
SC20501				1L
SC20055	Sodium Carbonate	0.1N	0.05M	5L
SC20051				1L
NACL2015	Sodium Chloride	0.1N	0.1M	5L
NACL2011				1L
NACL20055	Sodium Chloride	0.05N	0.05M	5L
NACL20051				1L
SB250010	Sodium Hydroxide	5.0N	5.0M	10L
S25005				5L
S25001				1L
SB235710	Sodium Hydroxide	3.57N	3.57M	10L
S23575				5L
S23571				1L
SB220010	Sodium Hydroxide	2.0N	2.0M	10L
S22005				5L
S22001				1L
S212025	Sodium Hydroxide	1.2N	1.2M	25L
SB212010				10L
SB21205				5L
SB210010	Sodium Hydroxide	1.0N	1.0M	10L
S21005				5L
S21001				1L
S20625	Sodium Hydroxide	0.6N	0.6M	25L
S2065				5L
SB205010	Sodium Hydroxide	0.5N	0.5M	10L
S20505				5L
S20501				1L

ANALYTICAL VOLUMETRIC SOLUTIONS

READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
S2035465	Sodium Hydroxide	0.35465N	0.35465M	5L
S2035461				1L
S203135	Sodium Hydroxide	0.313N	0.313M	5L
S203131				1L
S20255	Sodium Hydroxide	0.25N	0.25M	5L
S20251				1L
SB202010	Sodium Hydroxide	0.2N	0.2M	10L
S20205				5L
S20201				1L
S20115	Sodium Hydroxide	0.111N	0.111M	5L
S20111				1L
SB20110	Sodium Hydroxide	0.1N	0.1M	10L
S20105				5L
S20101				1L
S20025	Sodium Hydroxide	0.02N	0.02M	5L
S20021				1L
S21005LC	Sodium Hydroxide	1.0N	1.0M	5L
S21001LC	(Low in carbonate)			1L
S20505LC	Sodium Hydroxide	0.5N	0.5M	5L
S20501LC	(Low in carbonate)			1L
S20105LC	Sodium Hydroxide	0.1N	0.1M	5L
S20101LC	(Low in carbonate)			1L
NANO055	Sodium Nitrite	0.5N	0.5M	5L
NANO051				1L
NAT21005	Sodium Thiocyanate	1.0N	1.0M	5L
NAT21001				1L
NAT20105	Sodium Thiocyanate	0.1N	0.1M	5L
NAT20101				1L
TB210010	Sodium Thiosulphate	1.0N	1.0M	10L
T21005				5L
T21001				1L
TB201010	Sodium Thiosulphate	0.1N	0.1M	10L
T20105				5L
T20101				1L
T2005515	Sodium Thiosulphate	0.0551N	0.0551M	5L
T2005511				1L
T20055	Sodium Thiosulphate	0.05N	0.05M	5L
T20051				1L
TB200110	Sodium Thiosulphate	0.01N	0.01M	10L
T20015				5L
T20011				1L
SUB250010	Sulphuric Acid	10.0N	5.0M	10L
SU25005				5L
SU25001				1L
SUB225010	Sulphuric Acid	5.0N	2.5M	10L
SU22505				5L
SU22501				1L
SUB210010	Sulphuric Acid	2.0N	1.0M	10L
SU21005				5L
SU21001				1L
SU20925	Sulphuric Acid	1.8N	0.9M	25L
SU2095				5L

ANALYTICAL VOLUMETRIC SOLUTIONS

READY TO USE AQUEOUS SOLUTIONS (CONTINUED)

Product NO.	Description	Normality	Molarity	Pack Size
SUB205010	Sulphuric Acid	1.0N	0.5M	10L
SU20505				5L
SU20501				1L
SU203195	Sulphuric Acid	0.638N	0.319M	5L
SU203191				1L
SUB202510	Sulphuric Acid	0.5N	0.25M	10L
SU20255				5L
SU20251				1L
SU20135	Sulphuric Acid	0.26N	0.13M	5L
SU20131				1L
SU2012755	Sulphuric Acid	0.255N	0.1275M	5L
SU2012751				1L
SU20105	Sulphuric Acid	0.2N	0.1M	5L
SU20101				1L
SU20055	Sulphuric Acid	0.1N	0.05M	5L
SU20051				1L
SU20015	Sulphuric Acid	0.02N	0.01M	5L
SU20011				1L
SU2004165	Sulphuric Acid	0.0832N	0.0416M	5L
SU2004161				1L
ZNCL20105	Zinc Chloride	0.1N	0.01M	5L
ZNCL20101				1L
ZNCL20505	Zinc Chloride	0.5N	0.5M	5L
ZNCL20501				1L
ZNSO00505	Zinc Sulphate	0.05N	0.05M	5L
ZNSO00501				1L
ZNSO0105	Zinc Sulphate	0.1N	0.1M	5L
ZS011				1L

REAGENTS EXPRESSED IN UNITS OF MOLARITY (NORMALITY), SPECIFIC GRAVITY AND PERCENTAGE (v/v, w/v, w/w) WHICH ARE NOT LISTED IN CATALOGUE ARE ALSO AVAILABLE. SEE PAGE 64 (CUSTOMISED REAGENTS) TO REQUEST QUOTATION.



NON AQUEOUS TITRANTS


Product No	Description	Pack Size
MH2050	0.5N Methanolic HCl	2.5L
MD2050	0.5N Morpholine in Methanol	2.5L
PM2005	0.1N Potassium Methoxide	500ml
TB010H	0.1N Tetra n Butyl Ammonium Hydroxide in 50/50 Methanol/Propan-2-ol	500ml
TB050H	0.5N Tetra n Butyl Ammonium Hydroxide in 50/50 Methanol / Propan-2-ol	500ml
TB002H	0.02N Tetra N Butyl Ammonium Hydroxide in 50/50 Methanol / propan-2-ol	500ml
ETKOH1F	1.0N Potassium Hydroxide in Ethanol	1L
ETKOH1W		2.5L
ETKOH05F	0.5N Potassium Hydroxide in Ethanol	1L
ETKOH05W		2.5L
ETKOH01F	0.1N Potassium Hydroxide in Ethanol	1L
ETKOH01W		2.5L
MKOH1F	1.0N Potassium Hydroxide in Methanol	1L
MKOH1W		2.5L
MKOH205F	0.5N Potassium Hydroxide in Methanol	1L
MKOH205W		2.5L
MKOH01F	0.1N Potassium Hydroxide in Methanol	1L
MKOH01W		2.5L
LIM2015	0.1 Lithium Methoxide in Toluene/Methanol	500ml
P2010H	0.1N Perchloric Acid in Acetic Acid	500ml
P2010W		2.5L
PD201W	0.1N Perchloric Acid in 1,4 Dioxan	2.5L
MN2010F	0.1N Silver Nitrate in Methanol	1L
MN2010H		500ml
MN20010F	0.01N Silver Nitrate in Methanol	1L
MN20010H		500ml

CONCENTRATED VOLUMETRIC SOLUTIONS

Reagecon has recently revised the packaging on this range. Each ampoule is supplied in its own box. Full instructions for use are printed on the box.

Product No	Description	Pack Size
		1 Ampoule to make
CHC101L	Acetic Acid 1.0N (1.0M)	1L
NH4C101L	Ammonia 1.0N (1.0M)	1L
NH4C011L	Ammonia 0.1N (0.1M)	1L
NHTC011L	Ammonium Thiocyanate 0.1N (0.1M)	1L
EDC0101L	EDTA (di Sodium Salt) 0.2N (0.1M)	1L
EDC0011L	EDTA (di Sodium Salt) 0.02N (0.01M)	1L
ETC0051L	EDTA (tri Sodium Salt) 0.1N (0.1M)	1L
HC1001L	Hydrochloric Acid 1.0N (1.0M)	1L
HC0501L	Hydrochloric Acid 0.5N (0.5M)	1L
HC0201L	Hydrochloric Acid 0.2N (0.2M)	1L
HC0101L	Hydrochloric Acid 0.1N (0.1M)	1L
IC0051GL	Iodine 0.1N (0.05M)	1L
IC025G1L	Iodine 0.05N (0.025M)	1L
IC0251	Iodine 0.025N (0.0125M)	1L
IC00051L	Iodine 0.01N (0.005M)	1L
NOC101L	Nitric Acid 1.0N (1.0M)	1L
PCO021GL	Potassium Permanganate 0.1N (0.02M)	1L
NC0101L	Silver Nitrate 0.1N (0.1M)	1L
NC00281L	Silver Nitrate 0.0282N (0.0282M)	1L
SC1001L	Sodium Hydroxide 1.0N (1.0M)	1L
SC0501L	Sodium Hydroxide 0.5N (0.5M)	1L
SC0101L	Sodium Hydroxide 0.1N (0.1M)	1L
TC0101L	Sodium Thiosulphate 0.1N (0.1M)	1L
TC00121L	Sodium Thiosulphate 0.0125N (0.0125M)	1L
SUC051L	Sulphuric Acid 1.0N (0.5M)	1L
SUC0051L	Sulphuric Acid 0.1N (0.05M)	1L
SUC0011L	Sulphuric Acid 0.02N (0.01M)	1L