

Reagecon

Nonalcoholic Beverages & Concentrates



Beverage Standards

Reagents and Standards for the Non Alcoholic Beverages and Fruit Juices Industry



As per Official Methods of Analysis of AOAC International, 19th Edition, 2012 Volume 2. Dr George W. Latimer, Jr.

AOAC Official Method 979.08 Benzoate, Caffeine, and Saccharin in Carbonated Beverages

Chapter	Product No.	Description	Pack Size
29.1.14A.b	CH3C00H201	Acetic Acid, CH ₃ COOH, 20% v/v	1L

AOAC Official Method 967.21 Ascorbic Acid in Vitamin Preparations and Juices

Chapter	Product No.	Description	Pack Size
45.1.14.B.d	TB04F	Indicator Thymol Blue Alcoholic Sol. 0.04%	500ml

AOAC Official Method 940.26 Ash of Fruits and Fruit Products

Chapter	Product No.	Description	Pack Size
37.1.18.B	H20101	Analytical Volumetric Solution Hydrochloric Acid 0.1N, 0.1M	1L
37.1.18.B	S20101	Analytical Volumetric Solution Sodium Hydroxide 0.1N, 0.1M	1L

AOAC Official Method 967.22 Vitamin C (Total) in Vitamin Preparations

Chapter	Product No.	Description	Pack Size
45.1.15B.d	TB04F	Indicator Thymol Blue Alcoholic Sol. 0.04%	500ml

Reagecon's Colour Standards

ASTM Colour Standards

Product No.	Description	Colour	APHA, ACS and ASTM Methods to include the following	Pack Size
ASTMA101	ASTM Colour Standard Sample A1	1	D6045,D1500	100ml
ASTMA105	ASTM Colour Standard Sample A1	1	D6045,D1500	500ml
ASTMA301	ASTM Colour Standard Sample A3	3	D6045,D1500	100ml
ASTMA305	ASTM Colour Standard Sample A4	3	D6045,D1500	500ml
ASTMA501	ASTM Colour Standard Sample A5	5	D6045,D1500	100ml
ASTMA505	ASTM Colour Standard Sample A5	5	D6045,D1500	500ml
ASTMA701	ASTM Colour Standard Sample A7	7	D6045,D1500	100ml
ASTMA705	ASTM Colour Standard Sample A7	7	D6045,D1500	500ml

Saybolt Colour Standards

Product No.	Description	Colour	APHA, ACS and ASTM Methods to include the following	Pack Size
SAYP301	Saybolt Colour +30	S+30	D6045	100ml
SAYP305	Saybolt Colour +30	S+30	D6045	500ml
SAYP251	Saybolt Colour +25	S+25	D6045	100ml
SAYP255	Saybolt Colour +25	S+25	D6045	500ml
SAYP191	Saybolt Colour +19	S+19	D6045	100ml
SAYP195	Saybolt Colour +19	S+19	D6045	500ml
SAYP151	Saybolt Colour +15	S+15	D6045	100ml
SAYP155	Saybolt Colour +15	S+15	D6045	500ml
SAYP121	Saybolt Colour +12	S+12	D6045	100ml
SAYP125	Saybolt Colour +12	S+12	D6045	500ml
SAYP01	Saybolt Colour +0	S0	D6045	100ml
SAYP05	Saybolt Colour +0	S0	D6045	500ml
SAYN151	Saybolt Colour -15	S-15	D6045	100ml
SAYN155	Saybolt Colour -15	S-15	D6045	500ml

Platinum-Cobalt Colour Standards* (Hazen)

Product No.	Description	Colour	APHA, ACS and ASTM Methods to include the following	Pack Size
HAZ0	Platinum-Cobalt Colour 0	0	D1209	1000ml
HAZ5	Platinum-Cobalt Colour 5	5	D1209	1000ml
HAZ10	Platinum-Cobalt Colour 10	10	D1209	1000ml
HAZ25	Platinum-Cobalt Colour 25	25	D1209	1000ml
HAZ40	Platinum-Cobalt Colour 40	40	D1209	1000ml
HAZ50	Platinum-Cobalt Colour 50	50	D1209	1000ml
HAZ80	Platinum-Cobalt Colour 80	80	D1209	1000ml
HAZ100	Platinum-Cobalt Colour 100	100	D1209	1000ml
HAZ250	Platinum-Cobalt Colour 250	250	D1209	1000ml
HAZ500	Platinum-Cobalt Colour 500	500	D1209	1000ml

* Standards with intermediate Platinum-Cobalt values are available on request

Gardner Colour Standards**

Product No.	Description	Colour	APHA, ACS and ASTM Methods to include the following	Pack Size
GARD02	Gardner Colour 2	2	D6166	500ml
GARD021	Gardner Colour 2	2	D6166	100ml
GARD04	Gardner Colour 4	4	D6166	500ml
GARD041	Gardner Colour 4	4	D6166	100ml
GARD06	Gardner Colour 6	6	D6166	500ml
GARD061	Gardner Colour 6	6	D6166	100ml
GARD08	Gardner Colour 8	8	D6166	500ml
GARD081	Gardner Colour 8	8	D6166	100ml
GARD10	Gardner Colour 10	10	D6166	500ml
GARD101	Gardner Colour 10	10	D6166	100ml
GARD12	Gardner Colour 12	12	D6166	500ml
GARD121	Gardner Colour 12	12	D6166	100ml
GARD14	Gardner Colour 14	14	D6166	500ml
GARD141	Gardner Colour 14	14	D6166	100ml
GARD16	Gardner Colour 16	16	D6166	500ml
GARD161	Gardner Colour 16	16	D6166	100ml

** Standards with intermediate Gardner values are available on request

Reagents as Outlined in Chapter 2 of European Pharmacopeia

Product No.	Description	Pack Size
EPP0S01	Primary Opalescent Standard	100ml

Colouration - Primary Solutions

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

Standard Solutions

Product No.	Description	Pack Size
EP703	Standard Solution B (Brown)	100ml
EP704	Standard Solution BY (Brown/Yellow)	100ml
EP705	Standard Solution GY (Green/Yellow)	100ml
EP706	Standard Solution Y (Yellow)	100ml
EP707	Standard Solution R (Red)	100ml

USP (631) Colour Standards

Product No.	Description	Pack Size
USPCS101	Cupric Sulfate CS	100ml
USPCS102	Ferric Chloride CS	100ml
USPCS103	Cobaltous Chloride CS	100ml

AOAC Official Method 950.29 Sucrose in Nonalcoholic Beverages
AOAC Official Method 950.30 Sugars (Reducing) in Nonalcoholic Beverages
AOAC Official Method 950.31 Glucose (Commercial) in Nonalcoholic Beverages
ISO Guide 34 Sucrose in Water standards- 12 Week Shelf Life

Product No.	% Sucrose in water (w/w) @ 20°C	Nominal Brix % *	Nominal Refractive Index @ 20°C*	Pack size
BS00	0% Sucrose	0% Brix	1.332986	15ml
BS05	5% Sucrose	5% Brix	1.340264	15ml
BS07	7% Sucrose	7% Brix	1.343253	15ml
BS10	10% Sucrose	10% Brix	1.347824	15ml
BS112	11.2% Sucrose	11.2% Brix	1.349682	15ml
BS115	11.5% Sucrose	11.5% Brix	1.350149	15ml
BS12	12% Sucrose	12% Brix	1.350930	15ml
BS125	12.5% Sucrose	12.5% Brix	1.351714	15ml
BS15	15% Sucrose	15% Brix	1.355679	15ml
BS20	20% Sucrose	20% Brix	1.363842	15ml
BS25	25% Sucrose	25% Brix	1.372328	15ml
BS30	30% Sucrose	30% Brix	1.381149	15ml
BS35	35% Sucrose	35% Brix	1.390322	15ml
BS40	40% Sucrose	40% Brix	1.399860	15ml
BS45	45% Sucrose	45% Brix	1.409777	15ml
BS50	50% Sucrose	50% Brix	1.420087	15ml
BS55	55% Sucrose	55% Brix	1.430800	15ml
BS60	60% Sucrose	60% Brix	1.441928	15ml
<i>*The nominal Brix and Refractive Index values are taken from the ICUMSA published tables</i>				

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 15°C

Product No.	Description	Pack size
DEN15010PY	Density Standard 0.6960g/ml @15°C	100ml
DEN15020PY	Density Standard 0.7073g/ml @15°C	100ml
DEN15030 PY	Density Standard 0.7184g/ml @15°C	100ml
DEN15040PY	Density Standard 0.7298g/ml @15°C	100ml
DEN15050PY	Density Standard 0.7411g/ml @15°C	100ml
DEN15060PY	Density Standard 0.7524g/ml @15°C	100ml
DEN15070PY	Density Standard 0.7721g/ml @15°C	100ml
DEN15080PY	Density Standard 0.7933g/ml @15°C	100ml
DEN15090PY	Density Standard 0.8168g/ml @15°C	100ml
DEN15100PY	Density Standard 0.8428g/ml @15°C	100ml
DEN15110PY	Density Standard 0.8715g/ml @15°C	100ml
DEN15120PY	Density Standard 0.9135g/ml @15°C	100ml
DEN15130PY	Density Standard 0.9514g/ml @15°C	100ml
DEN15140PY	Density Standard 1.0040g/ml @15°C	100ml
DEN15150PY	Density Standard 1.0337g/ml @15°C	100ml
DEN15160PY	Density Standard 1.0828g/ml @15°C	100ml
DEN15170PY	Density Standard 1.1661g/ml @15°C	100ml
DEN15180PY	Density Standard 1.2498g/ml @15°C	100ml
DEN15190PY	Density Standard 1.3318g/ml @15°C	100ml
DEN15200PY	Density Standard 1.4152g/ml @15°C	100ml
DEN15210PY	Density Standard 1.5820g/ml @15°C	100ml
DEN15220PY	Density Standard 1.7495g/ml @15°C	100ml
DEN15230PY	Density Standard 1.9171g/ml @15°C	100ml
DEN15240PY	Density Standard 2.0846g/ml @15°C	100ml
DEN15250PY	Density Standard 2.2568g/ml @15°C	100ml
DEN15260PY	Density Standard 2.4261g/ml @15°C	100ml
DEN15270PY	Density Standard 2.6055g/ml @15°C	100ml
DEN15280PY	Density Standard 2.7588g/ml @15°C	100ml
DEN15290PY	Density Standard 2.9418g/ml @15°C	100ml
DEN15300PY	Density Standard 3.1140g/ml @15°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 20°C

Product No.	Description	Pack size
DEN20010PY	Density Standard 0.6919g/ml @20°C	100ml
DEN20020PY	Density Standard 0.7033g/ml @20°C	100ml
DEN20030PY	Density Standard 0.7148g/ml @20°C	100ml
DEN20040PY	Density Standard 0.7261g/ml @20°C	100ml
DEN20050PY	Density Standard 0.7374g/ml @20°C	100ml
DEN20060PY	Density Standard 0.7488g/ml @20°C	100ml
DEN20070PY	Density Standard 0.7683g/ml @20°C	100ml
DEN20080PY	Density Standard 0.7893g/ml @20°C	100ml
DEN20090PY	Density Standard 0.8126g/ml @20°C	100ml
DEN20100PY	Density Standard 0.8384g/ml @20°C	100ml
DEN20110PY	Density Standard 0.8668g/ml @20°C	100ml
DEN20120PY	Density Standard 0.9098g/ml @20°C	100ml
DEN20130PY	Density Standard 0.9476g/ml @20°C	100ml
DEN20140PY	Density Standard 1.0005g/ml @20°C	100ml
DEN20150PY	Density Standard 1.0301g/ml @20°C	100ml
DEN20160PY	Density Standard 1.0792g/ml @20°C	100ml
DEN20170PY	Density Standard 1.1651g/ml @20°C	100ml
DEN20180PY	Density Standard 1.2486g/ml @20°C	100ml
DEN20190PY	Density Standard 1.3304g/ml @20°C	100ml
DEN20200PY	Density Standard 1.4136g/ml @20°C	100ml
DEN20210PY	Density Standard 1.5799g/ml @20°C	100ml
DEN20220PY	Density Standard 1.7470g/ml @20°C	100ml
DEN20230PY	Density Standard 1.9141g/ml @20°C	100ml
DEN20240PY	Density Standard 2.0812g/ml @20°C	100ml
DEN20250PY	Density Standard 2.2531g/ml @20°C	100ml
DEN20260PY	Density Standard 2.4219g/ml @20°C	100ml
DEN20270PY	Density Standard 2.6011g/ml @20°C	100ml
DEN20280PY	Density Standard 2.7542g/ml @20°C	100ml
DEN20290PY	Density Standard 2.9370g/ml @20°C	100ml
DEN20300PY	Density Standard 3.1096g/ml @20°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 25°C

Product No.	Description	Pack size
DEN25010PY	Density Standard 0.6878g/ml @25°C	100ml
DEN25020PY	Density Standard 0.6993g/ml @25°C	100ml
DEN25030PY	Density Standard 0.7111g/ml @25°C	100ml
DEN25040PY	Density Standard 0.7223g/ml @25°C	100ml
DEN25050PY	Density Standard 0.7337g/ml @25°C	100ml
DEN25060PY	Density Standard 0.7452g/ml @25°C	100ml
DEN25070PY	Density Standard 0.7645g/ml @25°C	100ml
DEN25080PY	Density Standard 0.7853g/ml @25°C	100ml
DEN25090PY	Density Standard 0.8084g/ml @25°C	100ml
DEN25100PY	Density Standard 0.8340g/ml @25°C	100ml
DEN25110PY	Density Standard 0.8622g/ml @25°C	100ml
DEN25120PY	Density Standard 0.9060g/ml @25°C	100ml
DEN25130PY	Density Standard 0.9438g/ml @25°C	100ml
DEN25140PY	Density Standard 0.9969g/ml @25°C	100ml
DEN25150PY	Density Standard 1.0265g/ml @25°C	100ml
DEN25160PY	Density Standard 1.0755g/ml @25°C	100ml
DEN25170PY	Density Standard 1.1639g/ml @25°C	100ml
DEN25180PY	Density Standard 1.2471g/ml @25°C	100ml
DEN25190PY	Density Standard 1.3287g/ml @25°C	100ml
DEN25200PY	Density Standard 1.4117g/ml @25°C	100ml
DEN25210PY	Density Standard 1.5775g/ml @25°C	100ml
DEN25220PY	Density Standard 1.7441g/ml @25°C	100ml
DEN25230PY	Density Standard 1.9108g/ml @25°C	100ml
DEN25240PY	Density Standard 2.0775g/ml @25°C	100ml
DEN25250PY	Density Standard 2.2490g/ml @25°C	100ml
DEN25260PY	Density Standard 2.4175g/ml @25°C	100ml
DEN25270PY	Density Standard 2.5964g/ml @25°C	100ml
DEN25280PY	Density Standard 2.7493g/ml @25°C	100ml
DEN25290PY	Density Standard 2.9319g/ml @25°C	100ml
DEN25300PY	Density Standard 3.1043g/ml @25°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 40°C

Product No.	Description	Pack size
DEN40010PY	Density Standard 0.6752g/ml @40°C	100ml
DEN40020PY	Density Standard 0.6872g/ml @40°C	100ml
DEN40030PY	Density Standard 0.6997g/ml @40°C	100ml
DEN40040PY	Density Standard 0.7109g/ml @40°C	100ml
DEN40050PY	Density Standard 0.7226g/ml @40°C	100ml
DEN40060PY	Density Standard 0.7343g/ml @40°C	100ml
DEN40070PY	Density Standard 0.7531g/ml @40°C	100ml
DEN40080PY	Density Standard 0.7733g/ml @40°C	100ml
DEN40090PY	Density Standard 0.7958g/ml @40°C	100ml
DEN40100PY	Density Standard 0.8207g/ml @40°C	100ml
DEN40110PY	Density Standard 0.8482g/ml @40°C	100ml
DEN40120PY	Density Standard 0.8945g/ml @40°C	100ml
DEN40130PY	Density Standard 0.9323g/ml @40°C	100ml
DEN40140PY	Density Standard 0.9857g/ml @40°C	100ml
DEN40150PY	Density Standard 1.0152g/ml @40°C	100ml
DEN40160PY	Density Standard 1.0642g/ml @40°C	100ml
DEN40170PY	Density Standard 1.1581g/ml @40°C	100ml
DEN40180PY	Density Standard 1.2408g/ml @40°C	100ml
DEN40190PY	Density Standard 1.3217g/ml @40°C	100ml
DEN40200PY	Density Standard 1.4039g/ml @40°C	100ml
DEN40210PY	Density Standard 1.5685g/ml @40°C	100ml
DEN40220PY	Density Standard 1.7339g/ml @40°C	100ml
DEN40230PY	Density Standard 1.8994g/ml @40°C	100ml
DEN40240PY	Density Standard 2.0649g/ml @40°C	100ml
DEN40250PY	Density Standard 2.2352g/ml @40°C	100ml
DEN40260PY	Density Standard 2.4028g/ml @40°C	100ml
DEN40270PY	Density Standard 2.5807g/ml @40°C	100ml
DEN40280PY	Density Standard 2.7329g/ml @40°C	100ml
DEN40290PY	Density Standard 2.9132g/ml @40°C	100ml
DEN40300PY	Density Standard 3.0852g/ml @40°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 50°C

Product No.	Description	Pack size
DEN50010PY	Density Standard 0.6668g/ml @50°C	100ml
DEN50020PY	Density Standard 0.6791g/ml @50°C	100ml
DEN50030PY	Density Standard 0.6917g/ml @50°C	100ml
DEN50040PY	Density Standard 0.7033g/ml @50°C	100ml
DEN50050PY	Density Standard 0.7151g/ml @50°C	100ml
DEN50060PY	Density Standard 0.7269g/ml @50°C	100ml
DEN50070PY	Density Standard 0.7454g/ml @50°C	100ml
DEN50080PY	Density Standard 0.7653g/ml @50°C	100ml
DEN50090PY	Density Standard 0.7873g/ml @50°C	100ml
DEN50100PY	Density Standard 0.8118g/ml @50°C	100ml
DEN50110PY	Density Standard 0.8387g/ml @50°C	100ml
DEN50120PY	Density Standard 0.8868g/ml @50°C	100ml
DEN50130PY	Density Standard 0.9245g/ml @50°C	100ml
DEN50140PY	Density Standard 0.9777g/ml @50°C	100ml
DEN50150PY	Density Standard 1.0073g/ml @50°C	100ml
DEN50160PY	Density Standard 1.0562g/ml @50°C	100ml
DEN50170PY	Density Standard 1.1512g/ml @50°C	100ml
DEN50180PY	Density Standard 1.2346g/ml @50°C	100ml
DEN50190PY	Density Standard 1.3138g/ml @50°C	100ml
DEN50200PY	Density Standard 1.3973g/ml @50°C	100ml
DEN50210PY	Density Standard 1.5609g/ml @50°C	100ml
DEN50220PY	Density Standard 1.7257g/ml @50°C	100ml
DEN50230PY	Density Standard 1.8904g/ml @50°C	100ml
DEN50240PY	Density Standard 2.0551g/ml @50°C	100ml
DEN50250PY	Density Standard 2.2247g/ml @50°C	100ml
DEN50260PY	Density Standard 2.3916g/ml @50°C	100ml
DEN50270PY	Density Standard 2.5689g/ml @50°C	100ml
DEN50280PY	Density Standard 2.7207g/ml @50°C	100ml
DEN50290PY	Density Standard 2.9005g/ml @50°C	100ml
DEN50300PY	Density Standard 3.0721g/ml @50°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 15°C

Product No.	Description	Pack size
DEN60010PY	Density Standard 0.6582g/ml @60°C	100ml
DEN60020PY	Density Standard 0.6708g/ml @60°C	100ml
DEN60030PY	Density Standard 0.6835g/ml @60°C	100ml
DEN60040PY	Density Standard 0.6955g/ml @60°C	100ml
DEN60050PY	Density Standard 0.7076g/ml @60°C	100ml
DEN60060PY	Density Standard 0.7196g/ml @60°C	100ml
DEN60070PY	Density Standard 0.7376g/ml @60°C	100ml
DEN60080PY	Density Standard 0.7572g/ml @60°C	100ml
DEN60090PY	Density Standard 0.7788g/ml @60°C	100ml
DEN60100PY	Density Standard 0.8027g/ml @60°C	100ml
DEN60110PY	Density Standard 0.8292g/ml @60°C	100ml
DEN60120PY	Density Standard 0.8790g/ml @60°C	100ml
DEN60130PY	Density Standard 0.9166g/ml @60°C	100ml
DEN60140PY	Density Standard 0.9695g/ml @60°C	100ml
DEN60150PY	Density Standard 0.9990g/ml @60°C	100ml
DEN60160PY	Density Standard 1.0478g/ml @60°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 15°C

Product No.	Description	Pack size
DEN80010PY	Density Standard 0.6407g/ml @80°C	100ml
DEN80020PY	Density Standard 0.6538g/ml @80°C	100ml
DEN80030PY	Density Standard 0.6661g/ml @80°C	100ml
DEN80040PY	Density Standard 0.6798g/ml @80°C	100ml
DEN80050PY	Density Standard 0.6923g/ml @80°C	100ml
DEN80060PY	Density Standard 0.7047g/ml @80°C	100ml
DEN80070PY	Density Standard 0.7220g/ml @80°C	100ml
DEN80080PY	Density Standard 0.7407g/ml @80°C	100ml
DEN80090PY	Density Standard 0.7614g/ml @80°C	100ml
DEN80100PY	Density Standard 0.7844g/ml @80°C	100ml
DEN80110PY	Density Standard 0.8098g/ml @80°C	100ml
DEN80120PY	Density Standard 0.8629g/ml @80°C	100ml
DEN80130PY	Density Standard 0.9006g/ml @80°C	100ml
DEN80140PY	Density Standard 0.9520g/ml @80°C	100ml
DEN80150PY	Density Standard 0.9815g/ml @80°C	100ml
DEN80160PY	Density Standard 1.0302g/ml @80°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 15°C

Product No.	Description	Pack size
DEN15010	Density Standard 0.6960g/ml @15°C	100ml
DEN15020	Density Standard 0.7073g/ml @15°C	100ml
DEN15030	Density Standard 0.7184g/ml @15°C	100ml
DEN15040	Density Standard 0.7298g/ml @15°C	100ml
DEN15050	Density Standard 0.7411g/ml @15°C	100ml
DEN15060	Density Standard 0.7524g/ml @15°C	100ml
DEN15070	Density Standard 0.7721g/ml @15°C	100ml
DEN15080	Density Standard 0.7933g/ml @15°C	100ml
DEN15090	Density Standard 0.8168g/ml @15°C	100ml
DEN15100	Density Standard 0.8428g/ml @15°C	100ml
DEN15110	Density Standard 0.8715g/ml @15°C	100ml
DEN15120	Density Standard 0.9135g/ml @15°C	100ml
DEN15130	Density Standard 0.9514g/ml @15°C	100ml
DEN15140	Density Standard 1.0040g/ml @15°C	100ml
DEN15150	Density Standard 1.0337g/ml @15°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 20°C

Product No.	Description	Pack size
DEN20010	Density Standard 0.6919g/ml @20°C	100ml
DEN20020	Density Standard 0.7033g/ml @20°C	100ml
DEN20030	Density Standard 0.7148g/ml @20°C	100ml
DEN20040	Density Standard 0.7261g/ml @20°C	100ml
DEN20050	Density Standard 0.7374g/ml @20°C	100ml
DEN20060	Density Standard 0.7488g/ml @20°C	100ml
DEN20070	Density Standard 0.7683g/ml @20°C	100ml
DEN20080	Density Standard 0.7893g/ml @20°C	100ml
DEN20090	Density Standard 0.8126g/ml @20°C	100ml
DEN20100	Density Standard 0.8384g/ml @20°C	100ml
DEN20110	Density Standard 0.8668g/ml @20°C	100ml
DEN20120	Density Standard 0.9098g/ml @20°C	100ml
DEN20130	Density Standard 0.9476g/ml @20°C	100ml
DEN20140	Density Standard 1.0005g/ml @20°C	100ml
DEN20150	Density Standard 1.0301g/ml @20°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 25°C

Product No.	Description	Pack size
DEN25010	Density Standard 0.6878g/ml @25°C	100ml
DEN25020	Density Standard 0.6993g/ml @25°C	100ml
DEN25030	Density Standard 0.7111g/ml @25°C	100ml
DEN25040	Density Standard 0.7223g/ml @25°C	100ml
DEN25050	Density Standard 0.7337g/ml @25°C	100ml
DEN25060	Density Standard 0.7452g/ml @25°C	100ml
DEN25070	Density Standard 0.7645g/ml @25°C	100ml
DEN25080	Density Standard 0.7853g/ml @25°C	100ml
DEN25090	Density Standard 0.8084g/ml @25°C	100ml
DEN25100	Density Standard 0.8340g/ml @25°C	100ml
DEN25110	Density Standard 0.8622g/ml @25°C	100ml
DEN25120	Density Standard 0.9060g/ml @25°C	100ml
DEN25130	Density Standard 0.9438g/ml @25°C	100ml
DEN25140	Density Standard 0.9969g/ml @25°C	100ml
DEN25150	Density Standard 1.0265g/ml @25°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 40°C

Product No.	Description	Pack size
DEN40010	Density Standard 0.6752g/ml @40°C	100ml
DEN40020	Density Standard 0.6872g/ml @40°C	100ml
DEN40030	Density Standard 0.6997g/ml @40°C	100ml
DEN40040	Density Standard 0.7109g/ml @40°C	100ml
DEN40050	Density Standard 0.7226g/ml @40°C	100ml
DEN40060	Density Standard 0.7343g/ml @40°C	100ml
DEN40070	Density Standard 0.7531g/ml @40°C	100ml
DEN40080	Density Standard 0.7733g/ml @40°C	100ml
DEN40090	Density Standard 0.7958g/ml @40°C	100ml
DEN40100	Density Standard 0.8207g/ml @40°C	100ml
DEN40110	Density Standard 0.8482g/ml @40°C	100ml
DEN40120	Density Standard 0.8945g/ml @40°C	100ml
DEN40130	Density Standard 0.9323g/ml @40°C	100ml
DEN40140	Density Standard 0.9857g/ml @40°C	100ml
DEN40150	Density Standard 1.0152g/ml @40°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 50°C

Product No.	Description	Pack size
DEN50010	Density Standard 0.6668g/ml @50°C	100ml
DEN50020	Density Standard 0.6791g/ml @50°C	100ml
DEN50030	Density Standard 0.6917g/ml @50°C	100ml
DEN50040	Density Standard 0.7033g/ml @50°C	100ml
DEN50050	Density Standard 0.7151g/ml @50°C	100ml
DEN50060	Density Standard 0.7269g/ml @50°C	100ml
DEN50070	Density Standard 0.7454g/ml @50°C	100ml
DEN50080	Density Standard 0.7653g/ml @50°C	100ml
DEN50090	Density Standard 0.7873g/ml @50°C	100ml
DEN50100	Density Standard 0.8118g/ml @50°C	100ml
DEN50110	Density Standard 0.8387g/ml @50°C	100ml
DEN50120	Density Standard 0.8868g/ml @50°C	100ml
DEN50130	Density Standard 0.9245g/ml @50°C	100ml
DEN50140	Density Standard 0.9777g/ml @50°C	100ml
DEN50150	Density Standard 1.0073g/ml @50°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 60°C

Product No.	Description	Pack size
DEN60010	Density Standard 0.6582g/ml @60°C	100ml
DEN60020	Density Standard 0.6708g/ml @60°C	100ml
DEN60030	Density Standard 0.6835g/ml @60°C	100ml
DEN60040	Density Standard 0.6955g/ml @60°C	100ml
DEN60050	Density Standard 0.7076g/ml @60°C	100ml
DEN60060	Density Standard 0.7196g/ml @60°C	100ml
DEN60070	Density Standard 0.7376g/ml @60°C	100ml
DEN60080	Density Standard 0.7572g/ml @60°C	100ml
DEN60090	Density Standard 0.7788g/ml @60°C	100ml
DEN60100	Density Standard 0.8027g/ml @60°C	100ml
DEN60110	Density Standard 0.8292g/ml @60°C	100ml
DEN60120	Density Standard 0.8790g/ml @60°C	100ml
DEN60130	Density Standard 0.9166g/ml @60°C	100ml
DEN60140	Density Standard 0.9695g/ml @60°C	100ml
DEN60150	Density Standard 0.9990g/ml @60°C	100ml

AOAC Official Method 950.28 Specific Gravity of Non Alcoholic Beverages Density Standards @ 80°C

Product No.	Description	Pack size
DEN80010	Density Standard 0.6407g/ml @80°C	100ml
DEN80020	Density Standard 0.6538g/ml @80°C	100ml
DEN80030	Density Standard 0.6661g/ml @80°C	100ml
DEN80040	Density Standard 0.6798g/ml @80°C	100ml
DEN80050	Density Standard 0.6923g/ml @80°C	100ml
DEN80060	Density Standard 0.7047g/ml @80°C	100ml
DEN80070	Density Standard 0.7220g/ml @80°C	100ml
DEN80080	Density Standard 0.7407g/ml @80°C	100ml
DEN80090	Density Standard 0.7614g/ml @80°C	100ml
DEN80100	Density Standard 0.7844g/ml @80°C	100ml
DEN80110	Density Standard 0.8098g/ml @80°C	100ml
DEN80120	Density Standard 0.8629g/ml @80°C	100ml
DEN80130	Density Standard 0.9006g/ml @80°C	100ml
DEN80140	Density Standard 0.9520g/ml @80°C	100ml
DEN80150	Density Standard 0.9815g/ml @80°C	100ml
DEN80160	Density Standard 1.0302g/ml @80°C	100ml

pH Buffers @ 20°C

Clear, Colourless pH Buffer Solutions. Tested at 20°C and certified by Reagecon's ISO 17025 Accredited Test Method. NIST traceable and presented in various pack sizes.

Description	Product No. 500ml	Product No. 1L	Product No. 5L
Buffer Solution pH 1.00 ± 0.02 @ 20°C	10105	1010	5010
Buffer Solution pH 2.00 ± 0.02 @ 20°C	10205	1020	5020
Buffer Solution pH 3.00 ± 0.02 @ 20°C	10305	1030	5030
Buffer Solution pH 4.00 ± 0.01 @ 20°C	10405	1040	5040
Buffer Solution pH 4.00 ± 0.01 @ 20°C (Phthalate free)	CC10405	CC1040	CC5040
Buffer Solution pH 5.00 ± 0.01 @ 20°C	10505	1050	5050
Buffer Solution pH 6.00 ± 0.01 @ 20°C	10605	1060	5060
Buffer Solution pH 6.80 ± 0.01 @ 20°C	10685	1068	5068
Buffer Solution pH 7.00 ± 0.01 @ 20°C	10705	1070	5070
Buffer Solution pH 8.00 ± 0.01 @ 20°C	10805	1080	5080
Buffer Solution pH 9.00 ± 0.01 @ 20°C	10905	1090	5090
Buffer Solution pH 10.00 ± 0.01 @ 20°C	11005	1100	5100
Buffer Solution pH 11.00 ± 0.05 @ 20°C	11105	1110	5110
Buffer Solution pH 12.00 ± 0.05 @ 20°C	11205	1120	5120
Buffer Solution pH 13.00 ± 0.05 @ 20°C	11305	1130	5130

pH Buffers @ 25°C

Clear, Colourless pH Buffer Solutions. Tested at 25°C and certified by Reagecon's ISO 17025 Accredited Test Method. NIST traceable and presented in various pack sizes.

Description	Product No. 500ml	Product No. 1L	Product No. 5L
Buffer Solution pH 1.00 ±0.02 @25°C	1010525	101025	501025
Buffer Solution pH 2.00 ±0.02 @25°C	1020525	102025	502025
Buffer Solution pH 3.00 ±0.02 @25°C	1030525	103025	503025
Buffer Solution pH 4.00 ±0.01 @25°C	1040525	104025	504025
Buffer Solution pH 4.00 ±0.01 @25°C (Phthalate Free)	CC1040525	CC104025	CC504025
Buffer Solution pH 5.00 ±0.01 @25°C	1050525	105025	505025
Buffer Solution pH 6.00 ±0.01 @25°C	1060525	106025	506025
Buffer Solution pH 6.80 ±0.01 @25°C	1068525	106825	506825
Buffer Solution pH 7.00 ±0.01 @25°C	1070525	107025	507025
Buffer Solution pH 8.00 ±0.01 @25°C	1080525	108025	508025
Buffer Solution pH 9.00 ±0.01 @25°C	1090525	109025	509025
Buffer Solution pH 10.00 ±0.01 @25°C	1100525	110025	510025
Buffer Solution pH 11.00 ±0.05 @25°C	1110525	111025	511025
Buffer Solution pH 12.00 ±0.05 @25°C	1120525	112025	512025
Buffer Solution pH 13.00 ±0.05 @25°C	1130525	113025	513025