

NEW

Density Standards

Manufactured by Reagecon

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Why use Reagecon's Density Standards?

Commercial Benefits	Technical Benefits
<ul style="list-style-type: none">• No toxic heavy metals used in any formulation• Extensive range (0.6407 – 3.1096 g/ml)• Can be used with any brand or type of density measuring instrument• Presented in a high quality tamper proof Amber glass bottle• Customised formulations available	<ul style="list-style-type: none">• Uncertainty of measurement (gravimetric) $\pm 0.01\%$• Uncertainty of measurement (verification procedure) $\pm 0.16\%$• Produced in accordance with ASTM D4052- 09 Guidelines• Consistency of product – Independent, traceable, certified.• Certificates of Analysis and SDS available online



Reagecon manufactures an extensive range of Density Standards in accordance with ASTM D 4052-09 (approved July 1st 2009) for testing of Density, Relative Density and API Gravity of liquids by Digital Density Meter.

The products range from (g/ml)

0.6960 – 0.7933 @ 15°C
0.6619 – 3.1096 @ 20°C
0.6878 – 3.1043 @ 25°C
0.6752 – 3.0852 @ 40°C
0.6668 – 3.0721 @ 50°C
0.6582 – 1.0478 @ 60°C
0.6407 – 1.0302 @ 80°C

These products are prepared gravimetrically on a weight/weight basis. Both solute and solvent are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for weighing, (ref. 265C) and the resulting certificate is issued in accordance with the requirements of ISO/IEC 17025. The density of each standard is verified using a high performance calibrated density meter. The calibration of the density meter (identification no. – RRD015) involves the use of high purity ISO Guide 34 accredited density standards similar in density value to these products.

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How to order

Density Standards at 15°C

Code	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
DEN15160	Density Standard 1.0828g/ml @15°C	100ml
DEN15170	Density Standard 1.1661g/ml @15°C	100ml
DEN15180	Density Standard 1.2498g/ml @15°C	100ml
DEN15190	Density Standard 1.3318g/ml @15°C	100ml
DEN15200	Density Standard 1.4152g/ml @15°C	100ml
DEN15210	Density Standard 1.5820g/ml @15°C	100ml
DEN15220	Density Standard 1.7495g/ml @15°C	100ml
DEN15230	Density Standard 1.9171g/ml @15°C	100ml
DEN15240	Density Standard 2.0846g/ml @15°C	100ml
DEN15250	Density Standard 2.2568g/ml @15°C	100ml
DEN15260	Density Standard 2.4261g/ml @15°C	100ml
DEN15270	Density Standard 2.6055g/ml @15°C	100ml
DEN15280	Density Standard 2.7588g/ml @15°C	100ml
DEN15290	Density Standard 2.9418g/ml @15°C	100ml
DEN15300	Density Standard 3.114g/ml @15°C	100ml

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Density Standards at 20°C

Code	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
DEN20160	Density Standard 1.0792g/ml @20°C	100ml
DEN20170	Density Standard 1.1651g/ml @20°C	100ml
DEN20180	Density Standard 1.2486g/ml @20°C	100ml
DEN20190	Density Standard 1.3304g/ml @20°C	100ml
DEN20200	Density Standard 1.4136g/ml @20°C	100ml
DEN20210	Density Standard 1.5799g/ml @20°C	100ml
DEN20220	Density Standard 1.7470g/ml @20°C	100ml
DEN20230	Density Standard 1.9141g/ml @20°C	100ml
DEN20240	Density Standard 2.0812g/ml @20°C	100ml
DEN20250	Density Standard 2.2531g/ml @20°C	100ml
DEN20260	Density Standard 2.4219g/ml @20°C	100ml
DEN20270	Density Standard 2.6011g/ml @20°C	100ml
DEN20280	Density Standard 2.7542g/ml @20°C	100ml
DEN20290	Density Standard 2.9370g/ml @20°C	100ml
DEN20300	Density Standard 3.1096g/ml @20°C	100ml

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Density Standards at 25°C

Code	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
DEN25160	Density Standard 1.0755g/ml @25°C	100ml
DEN25170	Density Standard 1.1639g/ml @25°C	100ml
DEN25180	Density Standard 1.2471g/ml @25°C	100ml
DEN25190	Density Standard 1.3287g/ml @25°C	100ml
DEN25200	Density Standard 1.4117g/ml @25°C	100ml
DEN25210	Density Standard 1.5775g/ml @25°C	100ml
DEN25220	Density Standard 1.7441g/ml @25°C	100ml
DEN25230	Density Standard 1.9108g/ml @25°C	100ml
DEN25240	Density Standard 2.0775g/ml @25°C	100ml
DEN25250	Density Standard 2.2490g/ml @25°C	100ml
DEN25260	Density Standard 2.4175g/ml @25°C	100ml
DEN25270	Density Standard 2.5964g/ml @25°C	100ml
DEN25280	Density Standard 2.7493g/ml @25°C	100ml
DEN25290	Density Standard 2.9319g/ml @25°C	100ml
DEN25300	Density Standard 3.1043g/ml @25°C	100ml

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Density Standards at 40°C

Code	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
DEN40160	Density Standard 1.0642g/ml @40°C	100ml
DEN40170	Density Standard 1.1581g/ml @40°C	100ml
DEN40180	Density Standard 1.2408g/ml @40°C	100ml
DEN40190	Density Standard 1.3217g/ml @40°C	100ml
DEN40200	Density Standard 1.4039g/ml @40°C	100ml
DEN40210	Density Standard 1.5685g/ml @40°C	100ml
DEN40220	Density Standard 1.7339g/ml @40°C	100ml
DEN40230	Density Standard 1.8994g/ml @40°C	100ml
DEN40240	Density Standard 2.0649g/ml @40°C	100ml
DEN40250	Density Standard 2.2352g/ml @40°C	100ml
DEN40260	Density Standard 2.4028g/ml @40°C	100ml
DEN40270	Density Standard 2.5807g/ml @40°C	100ml
DEN40280	Density Standard 2.7329g/ml @40°C	100ml
DEN40290	Density Standard 2.9132g/ml @40°C	100ml
DEN40300	Density Standard 3.0852g/ml @40°C	100ml

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Density Standards at 50°C

Code	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
DEN50160	Density Standard 1.0562g/ml @50°C	100ml
DEN50170	Density Standard 1.1512g/ml @50°C	100ml
DEN50180	Density Standard 1.2346g/ml @50°C	100ml
DEN50190	Density Standard 1.3138g/ml @50°C	100ml
DEN50200	Density Standard 1.3973g/ml @50°C	100ml
DEN50210	Density Standard 1.5609g/ml @50°C	100ml
DEN50220	Density Standard 1.7257g/ml @50°C	100ml
DEN50230	Density Standard 1.8904g/ml @50°C	100ml
DEN50240	Density Standard 2.0551g/ml @50°C	100ml
DEN50250	Density Standard 2.2247g/ml @50°C	100ml
DEN50260	Density Standard 2.3916g/ml @50°C	100ml
DEN50270	Density Standard 2.5689g/ml @50°C	100ml
DEN50280	Density Standard 2.7207g/ml @50°C	100ml
DEN50290	Density Standard 2.9005g/ml @50°C	100ml
DEN50300	Density Standard 3.0721g/ml @50°C	100ml

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Density Standards at 60°C

Code	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
DEN60160	Density Standard 1.0478g/ml @60°C	100ml

Density Standards at 80°C

Code	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

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