

## DENSITY SAMPLES



Sorted by value		Alphabetical order		
$\rho$ [kg/dm <sup>3</sup> ]	SAMPLES	T [°C]	$\rho$ [kg/dm <sup>3</sup> ]	
0.621	Pentane	20	Acetic acid	1.049
0.640	Fumaric acid	20	Acetone	0.799
0.654	Hexane	20	Acetonitrile	0.783
0.684	Heptane	20	Acetonylacetone	0.971
0.699	1-Heptene	20	Acetophenone	1.026
0.703	Octane	20	Acetyl chloride	1.103
0.714	Diethyl ether	20	Acetylacetone	0.970
0.718	1-Octene	20	Acrolein	0.841
0.733	1-Nonene	20	1-Bromopentane	1.223
0.743	1-Decene	20	Aniline	1.022
0.747	Di-n-propyl ether	20	Benzaldehyde	1.046
0.752	1-Undecene	20	Benzene	0.878
0.764	Methylcyclohexane	20	Benzyl alcohol	1.045
0.779	Cyclohexane	20	Benzyl chloride	1.098
0.780	1-Pentadecene	20	Benzylacetone	0.989
0.783	Acetonitrile	20	Bromoform	2.890
0.789	tert-Butanol	20	Butyric acid	0.959
0.789	Ethanol	20	Caproic acid	0.929
0.792	Methanol	20	Caprylic acid	0.910
0.799	Acetone	20	Carbon disulfide	1.174
0.800	Methyl isobutyl ketone (MIBK)	20	Carvacrol	0.976
0.802	Isobutanol	20	Caustic hypochlorite	1.220
0.804	1-Propanol	20	Chlorobenzene	1.107
0.805	Cyclopentadiene	20	Chlorocyclohexane	1.000
0.805	Methyl ethyl ketone (MEK)	20	Chloroform	1.489
0.810	1-Butanol	20	cis-1,2-Dichloroethylene	1.282
0.810	Kerosene	20	cis-1,2-Dibromoethylene	2.246
0.811	Cyclohexene	20	Citral	0.893

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0.814	3-Heptanone	20	Crotonaldehyde	0.856
0.816	1-Pentanol	20	Cyclohexane	0.779
0.820	1-Hexanol	20	Cyclohexanol	0.962
0.823	1-Heptanol	20	Cyclohexanone	0.949
0.826	Dimethylamine solution 60 % (DMA)	20	Cyclohexene	0.811
0.827	1-Octanol	20	Cyclohexylamine	0.896
0.828	1-Nonanol	20	Cyclopentadiene	0.805
0.829	1-Decanol	20	Dichloromethane	1.336
0.841	Acrolein	20	Diethyl ether	0.714
0.850	Mesityl oxide	20	Diethylaniline	0.934
0.853	Lemon oil	20	Dimethylacetamide 90 %	0.940
0.856	Crotonaldehyde	20	Dimethylamine solution 60 % (DMA)	0.826
0.860	Piperidine	20	Dimethylaniline	0.956
0.863	Linalool	20	Dimethylformamide (DMF)	0.948
0.863	Mesitylene	20	Di-n-propyl ether	0.747
0.863	p-Xylene	20	1-Decene	0.743
0.866	1-Chlorodecane	20	Enanthic acid	0.922
0.868	Ethylbenzene	20	Ethanol	0.789
0.868	1,2,4-Trimethylbenzene (Pseudocumene)	20	Ethyl acetate	0.900
0.870	Toluene	20	Ethyl iodid	1.940
0.871	m-Xylene	20	Ethylbenzene	0.868
0.872	1-Chlorohexane	20	Ethylen bromide	2.180
0.872	1-Chlorooctane	20	Ethylenglycole	1.115
0.878	Benzene	20	Formanide	1.139
0.878	Isopropylbenzene (Cumene)	20	Formic acid	1.212
0.884	1-Chlorobutane	20	Fumaric acid	0.640
0.887	Hemellitol	20	Glycerol	1.261
0.891	Propyl acetate	20	Hemellitol	0.887

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0.893	Citral	20	Heptane	0.684
0.896	Cyclohexylamine	20	Hexamethylenediamine adipinat	1.201
0.900	Ethyl acetate	20	Hexane	0.654
0.900	Methylamine solution 40 % (MMA)	20	Indene	0.998
0.910	Caprylic acid	20	Iodobenzene	1.830
0.922	Enanthic acid	20	Iron(II) sulfate heptahydrate	1.900
0.929	Caproic acid	20	Isobutanol	0.802
0.934	Diethylaniline	20	Isopropylbenzene (Cumene)	0.878
0.940	Dimethylacetamide 90 %	20	Kerosene	0.810
0.942	Vinyl acetate (VyAc)	20	Lemon oil	0.853
0.948	Dimethylformamide (DMF)	20	Linalool	0.863
0.949	Cyclohexanone	20	Lithium chloride	2.068
0.956	Dimethylaniline	20	Mercury	13.595
0.959	Butyric acid	20	Mesityl oxide	0.850
0.962	Cyclohexanol	20	Mesitylene	0.863
0.967	Tetralin	20	Methanol	0.792
0.970	Acetylacetone	20	Methyl diethanolamin (MDEA)	1.040
0.971	Acetylacetone	20	Methyl ethyl ketone (MEK)	0.805
0.976	Carvacrol	20	Methyl iodide	2.279
0.984	N-Methylaniline	20	Methyl isobutyl ketone (MIBK)	0.800
0.989	Benzylacetone	20	Methylamine solution 40 % (MMA)	0.900
0.992	Propionic acid	20	Methylcyclohexane	0.764
0.994	Paraldehyde	20	m-Toluidine	0.998
0.998	Indene	20	m-Xylene	0.871
0.998	m-Toluidine	20	N-Benzyl-N-ethylaniline	1.029
0.998	o-Toluidine	20	Nicotine	1.009
0.998	Water	20	Nitro benzene	1.207
1.000	Chlorocyclohexane	20	Nitro methane	1.139

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$\rho$ [kg/dm <sup>3</sup> ]	SAMPLES		SAMPLES	$\rho$ [kg/dm <sup>3</sup> ]
1.009	Propiophenone (Ethyl phenyl ketone)	20	3-Nitrotoluene	1.157
1.009	Nicotine	20	2-Nitrotoluene	1.163
1.022	Aniline	20	N-Methylaniline	0.984
1.026	Acetophenone	20	Octane	0.703
1.029	N-Benzyl-N-ethylaniline	20	1-Bromooctane	1.166
1.038	1,4-Dioxane	20	o-Toluidine	0.998
1.040	Methyl diethanolamin (MDEA)	20	Paraldehyde	0.994
1.045	Benzyl alcohol	20	Pentachloroethane	1.672
1.046	Benzaldehyde	20	Pentane	0.621
1.049	Acetic acid	20	Phenylhydrazine	1.098
1.064	Thiophene	20	Phthalic anhydride	1.527
1.066	4-Chlorotoluene	20	Piperidine	0.860
1.069	Quinaldine	20	Propionic acid	0.992
1.070	3-Chlorotoluene	20	Propiophenone (Ethyl phenyl ketone)	1.009
1.093	Quinoline	20	Propyl acetate	0.891
1.098	Benzyl chloride	20	p-Xylene	0.863
1.098	Phenylhydrazine	20	Pyruvic acid	1.267
1.103	Acetyl chloride	20	Quinaldine	1.069
1.107	Chlorbenzene	20	Quinoline	1.093
1.115	Ethylenglycole	20	Sodium hydroxide solution (Caustic soda)	1.430
1.139	Formanide	20	Sulfuric acid 90 %	1.810
1.139	Nitro methane	20	tert-Butanol	0.789
1.157	3-Nitrotoluene	20	Tetrabromomethane	2.963
1.163	2-Nitrotoluene	20	Tetrachloroethylene	1.614
1.166	1-Bromooctane	20	Tetralin	0.967
1.174	Carbon disulfide	20	Thiophene	1.064
1.201	Hexamethylenediamine adipinat	20	Toluene	0.870
1.207	Nitro benzene	20	trans-1,2-Dibromoethylene	2.231



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1.212	Formic acid	20	trans-1,2-Dichloroethylene	1.257
1.220	Caustic hypochlorite	20	Tribromoacetaldehyde (Bromal)	2.550
1.223	1-Bromopentane	20	Vinyl acetate (VyAc)	0.942
1.253	1,2-Dichlorethane	20	Water	0.998
1.257	trans-1,2-Dichloroethylene	20	1,1,2,2-Tetrabromoethane	2.970
1.261	Glycerol	20	1,2,4-Trichlorobenzene	1.477
1.267	Pyruvic acid	20	1,2,4-Trimethylbenzene (Pseudocumene)	0.868
1.275	1-Bromobutane	20	1,2-Dichlorethane	1.253
1.282	cis-1,2-Dichloroethylene	20	1,2-Dichlorobenzene	1.305
1.296	2-Nitroethanol	20	1,4-Dioxane	1.038
1.305	1,2-Dichlorobenzene	20	1-Bromobutane	1.275
1.336	Dichloromethane	20	1-Bromonaphthalene	1.487
1.430	Sodium hydroxide solution (Caustic soda)	20	1-Butanol	0.810
1.441	1-Iodoheptane	20	1-Chlorobutane	0.884
1.477	1,2,4-Trichlorobenzene	20	1-Chlorodecane	0.866
1.487	1-Bromonaphthalene	20	1-Chlorohexane	0.872
1.489	Chloroform	20	1-Chlorooctane	0.872
1.527	Phthalic anhydride	20	1-Decanol	0.829
1.614	1-Iodobutane	20	1-Heptanol	0.823
1.614	Tetrachloroethylene	20	1-Heptene	0.699
1.672	Pentachloroethane	20	1-Hexanol	0.820
1.747	1-Iodopropane	20	1-Iodobutane	1.614
1.810	Sulfuric acid 90 %	20	1-Iodoheptane	1.441
1.830	Iodobenzene	20	1-Iodopropane	1.747
1.900	Iron(II) sulfate heptahydrate	20	1-Nonanol	0.828
1.940	Ethyl iodid	20	1-Nonene	0.733
2.068	Lithium chloride	20	1-Octanol	0.827
2.180	Ethylen bromide	20	1-Octene	0.718

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2.231	trans-1,2-Dibromoethylene	20	1-Pentadecene	0.780
2.246	cis-1,2-Dibromoethylene	20	1-Pentanol	0.816
2.279	Methyl iodide	20	1-Propanol	0.804
2.550	Tribromoacetaldehyde (Bromal)	20	1-Undecene	0.752
2.890	Bromoform	20	2-Nitroethanol	1.296
2.970	1,1,2,2-Tetrabromoethane	20	3-Chlorotoluene	1.070
2.963	Tetrabromomethane	20	3-Heptanone	0.814
13.595	Mercury	20	4-Chlorotoluene	1.066

SAMPLES

The table presents an overview of samples that our customers typically measure with our density meters.  
The values should not be interpreted as specifications.

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