

## Specific Gravity of Glycerine-Water Solutions

Glycerine (%)	Apparent Specific Gravity				True Specific Gravity			
	15/15°C	15.5/15.5°C	20/20°C	25/25°C	15/15°C	15.5/15.5°C	20/20°C	25/25°C
100	1.26557	1.26532	1.26362	1.26201	1.26526	1.26501	1.26331	1.26170
99	1.26300	1.26275	1.26105	1.25945	1.26270	1.26245	1.26075	1.25910
98	1.26045	1.26020	1.25845	1.25685	1.26010	1.25985	1.25815	1.25655
97	1.25785	1.25760	1.25585	1.25425	1.25755	1.25730	1.25555	1.25395
96	1.25525	1.25500	1.25330	1.25165	1.25495	1.25470	1.25300	1.25140
95	1.25270	1.25245	1.25075	1.24910	1.25240	1.25215	1.25045	1.24880
94	1.25005	1.24980	1.24810	1.24645	1.24975	1.24950	1.24780	1.24615
93	1.24740	1.24715	1.24545	1.24380	1.24710	1.24685	1.24515	1.24350
92	1.24475	1.24450	1.24280	1.24115	1.24445	1.24420	1.24250	1.24085
91	1.24210	1.24185	1.24020	1.23850	1.24185	1.24155	1.23985	1.23825
90	1.23950	1.23920	1.23755	1.23585	1.23920	1.23895	1.23725	1.23560
89	1.23680	1.23655	1.23490	1.23320	1.23655	1.23625	1.23460	1.23295
88	1.23415	1.23390	1.23220	1.23055	1.23390	1.23360	1.23195	1.23025
87	1.23150	1.23120	1.22955	1.22790	1.23125	1.23095	1.22930	1.22760
86	1.22885	1.22855	1.22690	1.22520	1.22860	1.22830	1.22660	1.22495
85	1.22620	1.22590	1.22420	1.22255	1.22595	1.22565	1.22395	1.22230
84	1.22355	1.22325	1.22155	1.21990	1.22330	1.22300	1.22130	1.21965
83	1.22090	1.22055	1.21890	1.21720	1.22060	1.22030	1.21865	1.21695
82	1.21820	1.21790	1.21620	1.21455	1.21795	1.21765	1.21595	1.21430
81	1.21555	1.21525	1.21355	1.21190	1.21530	1.21500	1.21330	1.21165
80	1.21290	1.21260	1.21090	1.20925	1.21265	1.21235	1.21065	1.20900
79	1.21015	1.20985	1.20815	1.20655				
78	1.20740	1.20710	1.20540	1.20380				
77	1.20465	1.20440	1.20270	1.20110				
76	1.20190	1.20165	1.19995	1.19840				
75	1.19915	1.19890	1.19720	1.19565	1.19890	1.19865	1.19700	1.19540
74	1.19640	1.19615	1.19450	1.19295				
73	1.19365	1.19340	1.19175	1.19025				
72	1.19090	1.19070	1.18900	1.18755				
71	1.18815	1.18795	1.18630	1.18480				
70	1.18540	1.18520	1.18355	1.18210	1.18515	1.18495	1.18330	1.18185
69	1.18260	1.18240	1.18080	1.17935				
68	1.17985	1.17965	1.17805	1.17660				
67	1.17705	1.17685	1.17530	1.17385				
66	1.17430	1.17410	1.17255	1.17110				
65	1.17155	1.17130	1.16980	1.16835	1.17135	1.17110	1.16960	1.16815
64	1.16875	1.16855	1.16705	1.16560				
63	1.16600	1.16575	1.16430	1.16285				
62	1.16320	1.16300	1.16155	1.16010				
61	1.16045	1.16020	1.15875	1.15735				
60	1.15770	1.15745	1.15605	1.15460	1.15750	1.15725	1.15585	1.15445
59	1.15490	1.15465	1.15325	1.15185				
58	1.15210	1.15190	1.15050	1.14915				
57	1.14935	1.14910	1.14775	1.14640				
56	1.14655	1.14635	1.14500	1.14365				
55	1.14375	1.14355	1.14220	1.14090	1.14360	1.14340	1.14205	1.14075
54	1.14100	1.14080	1.13945	1.13815				
53	1.13820	1.13800	1.13670	1.13540				
52	1.13540	1.13525	1.13395	1.13265				
51	1.13265	1.13245	1.13120	1.12995				

### Specific Gravity of Glycerine-Water Solutions – *continued*

Glycerine (%)	Apparent Specific Gravity				True Specific Gravity			
	15/15 °C	15.5/15.5 °C	20/20 °C	25/25 °C	15/15 °C	15.5/15.5 °C	20/20 °C	25/25 °C
50	1.12985	1.12970	1.12845	1.12720	1.12970	1.12955	1.12830	1.12705
49	1.12710	1.12695	1.12570	1.12450				
48	1.12440	1.12425	1.12300	1.12185				
47	1.12165	1.12150	1.12030	1.11915				
46	1.11890	1.11880	1.11760	1.11650				
45	1.11620	1.11605	1.11490	1.11380	1.11605	1.11595	1.11475	1.11365
44	1.11345	1.11335	1.11220	1.11115				
43	1.11075	1.11060	1.10950	1.10845				
42	1.10800	1.10790	1.10680	1.10575				
41	1.10525	1.10515	1.10410	1.10310				
40	1.10255	1.10245	1.10135	1.10040	1.10240	1.10235	1.10125	1.10030
39	1.09985	1.09975	1.09870	1.09775				
38	1.09715	1.09705	1.09605	1.09510				
37	1.09445	1.09435	1.09335	1.09245				
36	1.09175	1.09165	1.09070	1.08980				
35	1.08905	1.08895	1.08805	1.08715	1.08895	1.08885	1.08790	1.08705
34	1.08635	1.08625	1.08535	1.08455				
33	1.08365	1.08355	1.08270	1.08190				
32	1.08100	1.08085	1.08005	1.07925				
31	1.07830	1.07815	1.07735	1.07660				
30	1.07560	1.07545	1.07470	1.07395	1.07550	1.07535	1.07460	1.07385
29	1.07295	1.07285	1.07210	1.07135				
28	1.07035	1.07025	1.06950	1.06880				
27	1.06770	1.06760	1.06690	1.06625				
26	1.06510	1.06500	1.06435	1.06370				
25	1.06250	1.06240	1.06175	1.06115	1.06240	1.06230	1.06165	1.06110
24	1.05985	1.05980	1.05915	1.05860				
23	1.05725	1.05715	1.05655	1.05605				
22	1.05460	1.05455	1.05400	1.05350				
21	1.05200	1.05195	1.05140	1.05095				
20	1.04935	1.04935	1.04880	1.04840	1.04930	1.04925	1.04875	1.04830
19	1.04685	1.04680	1.04630	1.04590				
18	1.04435	1.04430	1.04380	1.04345				
17	1.04180	1.04180	1.04135	1.04100				
16	1.03930	1.03925	1.03885	1.03850				
15	1.03675	1.03675	1.03635	1.03605	1.03670	1.03670	1.03630	1.03600
14	1.03425	1.03420	1.03390	1.03360				
13	1.03175	1.03170	1.03140	1.03110				
12	1.02920	1.02920	1.02890	1.02865				
11	1.02670	1.02665	1.02640	1.02620				
10	1.02415	1.02415	1.02395	1.02370	1.02415	1.02410	1.02390	1.02370
9	1.02175	1.02175	1.02155	1.02135				
8	1.01935	1.01930	1.01915	1.01900				
7	1.01690	1.01690	1.01675	1.01660				
6	1.01450	1.01450	1.01435	1.01425				
5	1.01210	1.01205	1.01195	1.01185	1.01205	1.01205	1.01195	1.01185
4	1.00965	1.00965	1.00955	1.00950				
3	1.00725	1.00725	1.00720	1.00710				
2	1.00485	1.00485	1.00480	1.00475				
1	1.00240	1.00240	1.00240	1.00235				