

**SUCROSE SOLUTIONS PERCENT SOLIDS AND WEIGHT PER UNIT  
VOLUME AT 20°C (68°F)**

<b>Sucrose By Weight</b>	<b>Total Weight Gm/Liter or Gm/M<sup>3</sup> in Air 20°C</b>	<b>Dry Substance Gm/Liter or Kg/M<sup>3</sup> in Air 20°C</b>
0.0	997.20	0.000
1.0	1001.03	10.065
2.0	1004.98	20.131
3.0	1008.82	30.316
4.0	1012.77	40.501
5.0	1016.73	50.806
6.0	1020.80	61.231
7.0	1024.76	71.776
8.0	1028.83	82.321
9.0	1032.90	92.985
10.0	1037.10	103.77
11.0	1041.17	114.554
12.0	1045.37	125.458
13.0	1049.56	136.482
14.0	1053.87	147.506
15.0	1058.07	158.770
16.0	1062.38	170.034
17.0	1066.69	181.297
18.0	1071.13	192.801
19.0	1075.44	204.304
20.0	1079.88	215.927
21.0	1084.31	227.670
22.0	1088.86	239.533
23.0	1093.42	251.516
24.0	1097.97	263.498
25.0	1102.52	275.601
26.0	1107.08	287.823
27.0	1111.75	300.165
28.0	1116.42	312.627
29.0	1121.22	325.209
30.0	1125.89	337.791
31.0	1130.68	350.492
32.0	1135.59	363.433
33.0	1140.39	376.375
34.0	1145.30	389.436
35.0	1150.21	403.575
36.0	1155.13	415.798
37.0	1160.16	429.218
38.0	1165.19	442.759
39.0	1170.22	456.419
40.0	1175.38	470.199

<b>Sucrose By Weight</b>	<b>Total Weight Gm/Liter or Gm/M<sup>3</sup> in Air 20°C</b>	<b>Dry Substance Gm/Liter or Kg/M<sup>3</sup> in Air 20°C</b>
41.0	1180.53	483.979
42.0	1185.68	497.999
43.0	1190.95	512.138
44.0	1196.23	526.278
45.0	1201.50	540.657
46.0	1206.77	555.156
47.0	1212.16	569.655
48.0	1217.68	584.513
49.0	1223.07	599.252
50.0	1228.46	614.230
51.0	1234.09	629.328
52.0	1239.60	644.546
53.0	1245.24	660.004
54.0	1250.87	675.461
55.0	1256.50	691.039
56.0	1262.25	706.856
57.0	1267.88	722.673
58.0	1273.75	738.730
59.0	1279.51	754.906
60.0	1285.38	771.203
61.0	1291.37	787.739
62.0	1297.24	804.275
63.0	1303.23	821.050
64.0	1309.22	837.946
65.0	1315.33	854.961
66.0	1321.33	872.097
67.0	1327.56	889.471
68.0	1333.67	906.846
69.0	1339.90	924.581
70.0	1346.13	942.315
71.0	1352.36	960.169
72.0	1358.71	978.263
73.0	1365.06	996.476
74.0	1371.53	1014.930
75.0	1377.88	1033.383
76.0	1384.47	1052.196
77.0	1390.94	1071.008
78.0	1397.54	1089.941
79.0	1404.01	1109.113
80.0	1410.72	1128.525
81.0	1417.31	1148.057
82.0	1424.02	1167.708
83.0	1430.73	1187.480