

Sucrose Solutions % Solids & Weight per volume

| Sucrose By Weight | Total Weight Gm/Liter or Gm/M ³ in Air, 20°C | Dry Substance Gm/Liter or kilogram/M ³ in Air, 20°C | Sucrose By Weight | Total Weight Gm/Liter or Gm/M ³ in Air, 20°C | Dry Substance Gm/Liter or kilogram/M ³ in Air, 20°C |
|-------------------|---|--|-------------------|---|--|
| 0.0 | 997.20 | 0.000 | 42.0 | 1185.68 | 497.999 |
| 1.0 | 1001.03 | 10.065 | 43.0 | 1190.95 | 512.138 |
| 2.0 | 1004.98 | 20.131 | 44.0 | 1196.23 | 526.278 |
| 3.0 | 1008.82 | 30.316 | 45.0 | 1201.50 | 540.657 |
| 4.0 | 1012.77 | 40.501 | 46.0 | 1206.77 | 555.156 |
| 5.0 | 1016.73 | 50.806 | 47.0 | 1212.16 | 569.655 |
| 6.0 | 1020.80 | 61.231 | 48.0 | 1217.68 | 584.513 |
| 7.0 | 1024.76 | 71.776 | 49.0 | 1223.07 | 599.252 |
| 8.0 | 1028.83 | 82.321 | 50.0 | 1228.46 | 614.230 |
| 9.0 | 1032.90 | 92.985 | 51.0 | 1234.09 | 629.328 |
| 10.0 | 1037.10 | 103.77 | 52.0 | 1239.60 | 644.546 |
| 11.0 | 1041.17 | 114.554 | 53.0 | 1245.24 | 660.004 |
| 12.0 | 1045.37 | 125.458 | 54.0 | 1250.87 | 675.461 |
| 13.0 | 1049.56 | 136.482 | 55.0 | 1256.50 | 691.039 |
| 14.0 | 1053.87 | 147.506 | 56.0 | 1262.25 | 706.856 |
| 15.0 | 1058.07 | 158.770 | 57.0 | 1267.88 | 722.673 |
| 16.0 | 1062.38 | 170.034 | 58.0 | 1273.75 | 738.730 |
| 17.0 | 1066.69 | 181.297 | 59.0 | 1279.51 | 754.906 |
| 18.0 | 1071.13 | 192.801 | 60.0 | 1285.38 | 771.203 |
| 19.0 | 1075.44 | 204.304 | 61.0 | 1291.37 | 787.739 |
| 20.0 | 1079.88 | 215.927 | 62.0 | 1297.24 | 804.275 |
| 21.0 | 1084.31 | 227.670 | 63.0 | 1303.23 | 821.050 |
| 22.0 | 1088.86 | 239.533 | 64.0 | 1309.22 | 837.946 |
| 23.0 | 1093.42 | 251.516 | 65.0 | 1315.33 | 854.961 |
| 24.0 | 1097.97 | 263.498 | 66.0 | 1321.33 | 872.097 |
| 25.0 | 1102.52 | 275.601 | 67.0 | 1327.56 | 889.471 |
| 26.0 | 1107.08 | 287.823 | 68.0 | 1333.67 | 906.846 |
| 27.0 | 1111.75 | 300.165 | 69.0 | 1339.90 | 924.581 |
| 28.0 | 1116.42 | 312.627 | 70.0 | 1346.13 | 942.315 |
| 29.0 | 1121.22 | 325.209 | 71.0 | 1352.36 | 960.169 |
| 30.0 | 1125.89 | 337.791 | 72.0 | 1358.71 | 978.263 |
| 31.0 | 1130.68 | 350.492 | 73.0 | 1365.06 | 996.476 |
| 32.0 | 1135.59 | 363.433 | 74.0 | 1371.53 | 1014.930 |
| 33.0 | 1140.39 | 376.375 | 75.0 | 1377.88 | 1033.383 |
| 34.0 | 1145.30 | 389.436 | 76.0 | 1384.47 | 1052.196 |
| 35.0 | 1150.21 | 403.575 | 77.0 | 1390.94 | 1071.008 |
| 36.0 | 1155.13 | 415.798 | 78.0 | 1397.54 | 1089.941 |
| 37.0 | 1160.16 | 429.218 | 79.0 | 1404.01 | 1109.113 |
| 38.0 | 1165.19 | 442.759 | 80.0 | 1410.72 | 1128.525 |
| 39.0 | 1170.22 | 456.419 | 81.0 | 1417.31 | 1148.057 |
| 40.0 | 1175.38 | 470.199 | 82.0 | 1424.02 | 1167.708 |
| 41.0 | 1180.53 | 483.979 | 83.0 | 1430.73 | 1187.480 |