

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
0.0	0.00	0.99823	1.00000	0.000	1.00000	8.322	3774.6
0.1	0.06	0.99862	1.00039	0.100	1.00039	8.325	3776.1
0.2	0.11	0.99901	1.00078	0.200	1.00078	8.328	3777.6
0.3	0.17	0.99940	1.00117	0.300	1.00117	8.331	3779.1
<u>0.4</u>	<u>0.22</u>	<u>0.99979</u>	<u>1.00155</u>	<u>0.400</u>	<u>1.00156</u>	<u>8.335</u>	<u>3780.5</u>
0.5	0.28	1.00017	1.00194	0.500	1.00194	8.338	3782.0
0.6	0.34	1.00056	1.00233	0.600	1.00233	8.341	3783.5
0.7	0.39	1.00095	1.00272	0.701	1.00272	8.344	3784.9
0.8	0.45	1.00134	1.00311	0.801	1.00312	8.348	3786.4
0.9	0.51	1.00173	1.00350	0.902	1.00351	8.351	3787.9
1.0	0.56	1.00212	1.00389	1.002	1.00390	8.354	3789.3
1.1	0.62	1.00251	1.00428	1.103	1.00429	8.357	3790.8
1.2	0.67	1.00290	1.00467	1.203	1.00468	8.361	3792.3
1.3	0.73	1.00329	1.00506	1.304	1.00507	8.364	3793.8
<u>1.4</u>	<u>0.79</u>	<u>1.00368</u>	<u>1.00545</u>	<u>1.405</u>	<u>1.00546</u>	<u>8.367</u>	<u>3795.2</u>
1.5	0.84	1.00406	1.00584	1.506	1.00585	8.370	3796.7
1.6	0.90	1.00445	1.00623	1.607	1.00624	8.374	3798.2
1.7	0.95	1.00484	1.00662	1.708	1.00663	8.377	3799.7
1.8	1.01	1.00523	1.00701	1.809	1.00702	8.380	3801.1
1.9	1.07	1.00562	1.00740	1.911	1.00741	8.383	3802.6
2.0	1.12	1.00602	1.00779	2.012	1.00780	8.387	3804.1
2.1	1.18	1.00641	1.00818	2.113	1.00819	8.390	3805.6
2.2	1.23	1.00680	1.00858	2.215	1.00859	8.393	3807.1
2.3	1.29	1.00719	1.00897	2.317	1.00898	8.396	3808.5
<u>2.4</u>	<u>1.34</u>	<u>1.00758</u>	<u>1.00936</u>	<u>2.418</u>	<u>1.00937</u>	<u>8.400</u>	<u>3810.0</u>
2.5	1.40	1.00797	1.00976	2.520	1.00977	8.403	3811.5
2.6	1.46	1.00836	1.01015	2.622	1.01016	8.406	3813.0
2.7	1.51	1.00876	1.01054	2.724	1.01055	8.409	3814.5
2.8	1.57	1.00915	1.01093	2.826	1.01094	8.413	3816.0
2.9	1.62	1.00954	1.01133	2.928	1.01134	8.416	3817.5
3.0	1.68	1.00993	1.01172	3.030	1.01173	8.419	3818.9
3.1	1.74	1.01033	1.01211	3.132	1.01213	8.423	3820.4
3.2	1.79	1.01072	1.01251	3.234	1.01252	8.426	3821.9
3.3	1.85	1.01112	1.01290	3.337	1.01292	8.429	3823.4
<u>3.4</u>	<u>1.90</u>	<u>1.01151</u>	<u>1.01330</u>	<u>3.439</u>	<u>1.01331</u>	<u>8.432</u>	<u>3824.9</u>
3.5	1.96	1.01190	1.01369	3.542	1.01371	8.436	3826.4
3.6	2.02	1.01230	1.01409	3.644	1.01410	8.439	3827.9
3.7	2.07	1.01269	1.01448	3.747	1.01450	8.442	3829.4

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						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
3.8	2.13	1.01309	1.01488	3.850	1.01490	8.446	3830.9
3.9	2.18	1.01348	1.01528	3.953	1.01529	8.449	3832.4
4.0	2.24	1.01388	1.01567	4.056	1.01569	8.452	3833.9
4.1	2.29	1.01428	1.01607	4.159	1.01609	8.456	3835.4
4.2	2.35	1.01467	1.01647	4.262	1.01649	8.459	3836.9
4.3	2.40	1.01507	1.01687	4.365	1.01688	8.462	3838.4
4.4	<u>2.46</u>	<u>1.01547</u>	<u>1.01726</u>	<u>4.468</u>	<u>1.01728</u>	<u>8.465</u>	<u>3839.9</u>
4.5	2.52	1.01586	1.01766	4.571	1.01768	8.469	3841.4
4.6	2.57	1.01626	1.01806	4.675	1.01808	8.472	3842.9
4.7	2.63	1.01666	1.01846	4.778	1.01848	8.475	3844.4
4.8	2.68	1.01706	1.01886	4.882	1.01888	8.479	3845.9
4.9	2.74	1.01746	1.01926	4.986	1.01928	8.482	3847.4
5.0	2.79	1.01785	1.01965	5.089	1.01968	8.485	3848.9
5.1	2.85	1.01825	1.02005	5.193	1.02008	8.489	3850.4
5.2	2.91	1.01865	1.02045	5.297	1.02048	8.492	3851.9
5.3	2.96	1.01905	1.02085	5.401	1.02088	8.495	3853.5
<u>5.4</u>	<u>3.02</u>	<u>1.01945</u>	<u>1.02125</u>	<u>5.506</u>	<u>1.02128</u>	<u>8.409</u>	<u>3855.0</u>
5.5	3.07	1.01985	1.02165	5.609	1.02168	8.502	3856.5
5.6	3.13	1.02025	1.02206	5.713	1.02208	8.505	3858.0
5.7	3.18	1.02065	1.02246	5.818	1.02248	8.509	3859.5
5.8	3.24	1.02105	1.02286	5.922	1.02289	8.512	3861.0
5.9	3.30	1.02145	1.02321	6.027	1.02329	8.515	3862.5
6.0	3.35	1.02186	1.02366	6.131	1.02369	8.519	3864.1
6.1	3.41	1.02226	1.02407	6.236	1.02409	8.522	3865.6
6.2	3.46	1.02266	1.02447	6.340	1.02450	8.526	3867.1
6.3	3.52	1.02306	1.02487	6.445	1.02490	8.529	3868.6
<u>6.4</u>	<u>3.57</u>	<u>1.02346</u>	<u>1.02527</u>	<u>6.550</u>	<u>1.02530</u>	<u>8.532</u>	<u>3870.2</u>
6.5	3.63	1.02387	1.02568	6.655	1.02571	8.536	3871.7
6.6	3.69	1.02427	1.02608	6.760	1.02611	8.539	3873.2
6.7	3.74	1.02467	1.02648	6.865	1.02652	8.542	3874.7
6.8	3.80	1.02508	1.02689	6.971	1.02692	8.546	3876.3
6.9	3.85	1.02548	1.02729	7.076	1.02733	8.549	3877.8
7.0	3.91	1.02588	1.02770	7.181	1.02773	8.552	3879.3
7.1	3.96	1.02629	1.02810	7.287	1.02814	8.563	3880.9
7.2	4.02	1.02669	1.02851	7.392	1.02854	8.559	3882.4
7.3	4.08	1.02710	1.02892	7.498	1.02895	8.563	3883.9
<u>7.4</u>	<u>4.13</u>	<u>1.02750</u>	<u>1.02932</u>	<u>7.604</u>	<u>1.02936</u>	<u>8.566</u>	<u>3885.5</u>

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
7.5	4.19	1.02791	1.02973	7.709	1.02976	8.569	3887.0
7.6	4.24	1.02832	1.03013	7.815	1.03017	8.573	3888.5
7.7	4.30	1.02872	1.03054	7.921	1.03058	8.576	3890.1
7.8	4.35	1.02913	1.03095	8.027	1.03098	8.580	3891.6
7.9	4.41	1.02954	1.03136	8.133	1.03139	8.583	3893.1
8.0	4.46	1.02994	1.03176	8.240	1.03180	8.586	3894.7
8.1	4.52	1.03035	1.03217	8.346	1.03221	8.590	3896.2
8.2	4.58	1.03076	1.03258	8.452	1.03262	8.593	3896.8
8.3	4.63	1.03116	1.03299	8.559	1.03303	8.597	3899.3
<u>8.4</u>	<u>4.69</u>	<u>1.03157</u>	<u>1.03340</u>	<u>8.665</u>	<u>1.03344</u>	<u>8.600</u>	<u>3900.9</u>
8.5	4.74	1.03198	1.03381	8.772	1.03385	8.603	3902.4
8.6	4.80	1.03239	1.03422	8.879	1.03426	8.607	3904.0
8.7	4.85	1.03280	1.03463	8.985	1.03467	8.610	3905.5
8.8	4.91	1.03321	1.03504	9.092	1.03508	8.614	3907.1
8.9	4.96	1.03362	1.03545	9.199	1.03549	8.617	3908.6
9.0	5.02	1.03403	1.03586	9.306	1.03590	8.620	3910.2
9.1	5.07	1.03444	1.03627	9.413	1.03631	8.624	3911.7
9.2	5.13	1.03485	1.03668	9.521	1.03672	8.627	3913.3
9.3	5.19	1.03526	1.03709	9.628	1.03713	8.631	3914.8
<u>9.4</u>	<u>5.24</u>	<u>1.03567</u>	<u>1.03750</u>	<u>9.735</u>	<u>1.03755</u>	<u>8.634</u>	<u>3916.4</u>
9.5	5.30	1.03608	1.03792	9.843	1.03796	8.638	3918.0
9.6	5.35	1.03649	1.03833	9.950	1.03837	8.641	3919.5
9.7	5.41	1.03691	1.03874	10.058	1.03879	8.644	3921.1
9.8	5.46	1.03732	1.03915	10.166	1.03920	8.648	3922.6
9.9	5.52	1.03773	1.03957	10.274	1.03961	8.651	3924.2
10.0	5.57	1.03814	1.03998	10.381	1.04003	8.655	3925.7
10.1	5.63	1.03856	1.04039	10.489	1.04044	8.658	3927.3
10.2	5.68	1.03897	1.04081	10.597	1.04086	8.662	3928.9
10.3	5.74	1.03938	1.04122	10.706	1.04127	8.665	3930.4
<u>10.4</u>	<u>5.80</u>	<u>1.03980</u>	<u>1.04164</u>	<u>10.814</u>	<u>1.04169</u>	<u>8.669</u>	<u>3932.0</u>
10.5	5.85	1.04021	1.04205	10.922	1.04210	8.672	3933.6
10.6	5.91	1.04063	1.04247	11.031	1.04252	8.675	3936.1
10.7	5.96	1.04104	1.04288	11.139	1.04293	8.679	3936.7
10.8	6.02	1.04146	1.04330	11.248	1.04335	8.682	3938.3
10.9	6.07	1.04187	1.04371	11.356	1.04377	8.686	3939.9
11.0	6.13	1.04229	1.04413	11.465	1.04418	8.689	3941.4
11.1	6.18	1.04270	1.04455	11.574	1.04460	8.693	3943.0

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						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
11.2	6.24	1.04312	1.04497	11.683	1.04502	8.696	3944.6
11.3	6.30	1.04354	1.04538	11.792	1.04544	8.700	3946.2
<u>11.4</u>	<u>6.35</u>	<u>1.04395</u>	<u>1.04580</u>	<u>11.901</u>	<u>1.04585</u>	<u>8.703</u>	<u>3947.7</u>
11.5	6.41	1.04437	1.04622	12.010	1.04627	8.707	3949.3
11.6	6.46	1.04479	1.04664	12.120	1.04669	8.710	3950.9
11.7	6.52	1.04521	1.04706	12.229	1.04711	8.714	3952.5
11.8	6.57	1.04562	1.04747	12.338	1.04753	8.717	3954.1
11.9	6.63	1.04604	1.04789	12.448	1.04795	8.721	3955.6
12.0	6.68	1.04646	1.04831	12.558	1.04837	8.724	3957.2
12.1	6.74	1.04688	1.04879	12.667	1.04879	8.728	3958.8
12.2	6.79	1.04730	1.04915	12.777	1.04921	8.731	3960.4
12.3	6.85	1.04772	1.04957	12.881	1.04963	8.735	3962.0
<u>12.4</u>	<u>6.90</u>	<u>1.04814</u>	<u>1.04999</u>	<u>12.997</u>	<u>1.05005</u>	<u>8.738</u>	<u>3963.6</u>
12.5	6.96	1.04856	1.05041	13.107	1.05047	8.742	3965.2
12.6	7.02	1.04898	1.05084	13.217	1.05090	8.745	3966.8
12.7	7.07	1.04940	1.05126	13.327	1.05132	8.749	3968.4
12.8	7.13	1.04982	1.05168	13.438	1.05174	8.752	3969.9
12.9	7.18	1.05024	1.05210	13.548	1.05216	8.756	3971.5
13.0	7.24	1.05066	1.05252	13.659	1.05259	8.759	3973.1
13.1	7.29	1.05109	1.05295	13.769	1.05301	8.763	3974.7
13.2	7.35	1.05151	1.05337	13.880	1.05343	8.766	3976.3
13.3	7.40	1.05193	1.05379	13.991	1.05386	8.770	3977.9
<u>13.4</u>	<u>7.46</u>	<u>1.05236</u>	<u>1.05422</u>	<u>14.102</u>	<u>1.05428</u>	<u>8.773</u>	<u>3979.6</u>
13.5	7.51	1.05278	1.05464	14.213	1.05470	8.777	3981.2
13.6	7.57	1.05320	1.05506	14.324	1.05513	8.781	3982.8
13.7	7.62	1.05363	1.05549	14.435	1.05556	8.784	3984.4
13.8	7.68	1.05405	1.05591	14.546	1.05598	8.788	3986.0
13.9	7.73	1.05448	1.05634	14.657	1.05641	8.791	3987.6
14.0	7.79	1.05490	1.05677	14.769	1.05683	8.795	3989.2
14.1	7.84	1.05532	1.05719	14.880	1.05726	8.798	3990.8
14.2	7.90	1.05575	1.05762	14.992	1.05769	8.802	3992.4
14.3	7.96	1.05618	1.05804	15.103	1.05811	8.805	3994.0
<u>14.4</u>	<u>8.01</u>	<u>1.05660</u>	<u>1.05847</u>	<u>15.215</u>	<u>1.05854</u>	<u>8.809</u>	<u>3995.6</u>
14.5	8.07	1.05703	1.05890	15.327	1.05897	8.812	3997.3
14.6	8.12	1.05746	1.05933	15.439	1.05940	8.816	3998.9
14.7	8.18	1.05788	1.05975	15.551	1.05982	8.820	4000.5
14.8	8.23	1.05831	1.06018	15.663	1.06025	8.823	4002.1
14.9	8.29	1.05874	1.06061	15.775	1.06068	8.827	4003.7

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						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
15.0	8.34	1.05916	1.06104	15.887	1.06111	8.830	4005.3
15.1	8.40	1.05959	1.06147	16.000	1.06154	8.834	4007.0
15.2	8.45	1.06002	1.06190	16.112	1.06197	8.837	4008.6
15.3	8.51	1.06045	1.06233	16.225	1.06240	8.841	4010.2
<u>15.4</u>	<u>8.56</u>	<u>1.06088</u>	<u>1.06276</u>	<u>16.338</u>	<u>1.06283</u>	<u>8.845</u>	<u>4011.8</u>
15.5	8.62	1.06131	1.06319	16.450	1.06326	8.848	4013.5
15.6	8.67	1.06174	1.06362	16.563	1.06369	8.852	4015.1
15.7	8.73	1.06217	1.06405	16.676	1.06412	8.855	4016.7
15.8	8.78	1.06260	1.06448	16.789	1.06455	8.859	4018.3
15.9	8.84	1.06303	1.06491	16.902	1.06499	8.863	4020.0
16.0	8.89	1.06346	1.06534	17.015	1.06542	8.866	4021.6
16.1	8.95	1.06389	1.06577	17.129	1.06585	8.870	4023.2
16.2	9.00	1.06432	1.06621	17.242	1.06629	8.873	4024.9
16.3	9.06	1.06476	1.06664	17.356	1.06672	8.877	4026.5
<u>16.4</u>	<u>9.11</u>	<u>1.06519</u>	<u>1.06707</u>	<u>17.469</u>	<u>1.06715</u>	<u>8.881</u>	<u>4028.1</u>
16.5	9.17	1.06562	1.06751	17.583	1.06759	8.884	4029.8
16.6	9.22	1.06605	1.06794	17.697	1.06802	8.888	4031.4
16.7	9.28	1.06649	1.06837	17.810	1.06845	8.891	4033.1
16.8	9.33	1.06692	1.06881	17.924	1.06889	8.895	4034.7
16.9	9.39	1.06736	1.06924	18.038	1.06933	8.899	4036.3
17.0	9.45	1.06779	1.06968	18.152	1.06976	8.902	4038.0
17.1	9.50	1.06822	1.07011	18.267	1.07020	8.906	4039.6
17.2	9.56	1.06866	1.07055	18.381	1.07063	8.909	4041.3
17.3	9.61	1.06909	1.07098	18.495	1.07107	8.913	4042.9
<u>17.4</u>	<u>9.67</u>	<u>1.06953</u>	<u>1.07142</u>	<u>18.610</u>	<u>1.07151</u>	<u>8.917</u>	<u>4044.6</u>
17.5	9.72	1.06996	1.07186	18.724	1.07194	8.920	4046.2
17.6	9.78	1.07040	1.07229	18.839	1.07238	8.924	4047.9
17.7	9.83	1.07084	1.07273	18.954	1.07282	8.928	4049.5
17.8	9.89	1.07127	1.07317	19.069	1.07325	8.931	4051.2
17.9	9.94	1.07171	1.07361	19.184	1.07369	8.935	4052.8
18.0	10.00	1.07215	1.07404	19.299	1.07413	8.939	4054.5
18.1	10.05	1.07258	1.07448	19.414	1.07457	8.942	4056.1
18.2	10.11	1.07302	1.07492	19.529	1.07501	8.946	4057.8
18.3	10.16	1.07346	1.07536	19.644	1.07545	8.950	4059.4
<u>18.4</u>	<u>10.22</u>	<u>1.07390</u>	<u>1.07580</u>	<u>19.760</u>	<u>1.07589</u>	<u>8.953</u>	<u>4061.1</u>
18.5	10.27	1.07434	1.07624	19.875	1.07633	8.957	4062.8
18.6	10.33	1.07478	1.07668	19.991	1.07677	8.961	4064.4

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
18.7	10.38	1.07522	1.07712	20.107	1.07721	8.964	4066.1
18.8	10.44	1.07566	1.07756	20.222	1.07765	8.968	4067.8
18.9	10.49	1.07610	1.07800	20.338	1.07809	8.972	4069.4
19.0	10.55	1.07654	1.07844	20.454	1.07853	8.975	4071.1
19.1	10.60	1.07698	1.07888	20.570	1.07898	8.979	4072.8
19.2	10.66	1.07742	1.07932	20.686	1.07942	8.983	4074.4
19.3	10.71	1.07786	1.07977	20.803	1.07986	8.986	4076.1
<u>19.4</u>	<u>10.77</u>	<u>1.07830</u>	<u>1.08021</u>	<u>20.919</u>	<u>1.08030</u>	<u>8.990</u>	<u>4077.8</u>
19.5	10.82	1.07874	1.08065	21.036	1.08075	8.994	4079.5
19.6	10.88	1.07919	1.08110	21.152	1.08119	8.997	4081.1
19.7	10.93	1.07963	1.08154	21.269	1.08164	9.001	4082.8
19.8	10.99	1.08007	1.08198	21.385	1.08208	9.005	4084.5
19.9	11.04	1.08052	1.08243	21.502	1.08252	9.008	4086.2
20.0	11.10	1.08096	1.08287	21.619	1.08297	9.012	4087.8
20.1	11.15	1.08140	1.08332	21.736	1.08342	9.016	4089.5
20.2	11.21	1.08185	1.08376	21.853	1.08386	9.020	4091.2
20.3	11.26	1.08229	1.08421	21.971	1.08431	9.023	4092.9
<u>20.4</u>	<u>11.32</u>	<u>1.08274</u>	<u>1.08465</u>	<u>22.088</u>	<u>1.08475</u>	<u>9.027</u>	<u>4094.6</u>
20.5	11.37	1.08318	1.08510	22.205	1.08520	9.031	4096.3
20.6	11.43	1.08363	1.08554	22.323	1.08565	9.034	4097.9
20.7	11.48	1.08407	1.08599	22.440	1.08609	9.038	4099.6
20.8	11.54	1.08452	1.08644	22.558	1.08654	9.042	4101.3
20.9	11.59	1.08497	1.08689	22.676	1.08699	9.046	4103.0
21.0	11.65	1.08541	1.08733	22.794	1.08744	9.049	4104.7
21.1	11.70	1.08586	1.08778	22.912	1.08789	9.053	4106.4
21.2	11.76	1.08631	1.08823	23.030	1.08834	9.057	4108.1
21.3	11.81	1.08676	1.08868	23.148	1.08879	9.061	4109.8
<u>21.4</u>	<u>11.87</u>	<u>1.08720</u>	<u>1.08913</u>	<u>23.266</u>	<u>1.08923</u>	<u>9.064</u>	<u>4111.5</u>
21.5	11.92	1.08765	1.08958	23.385	1.08968	9.068	4113.2
21.6	11.98	1.08810	1.09003	23.503	1.09013	9.072	4114.9
21.7	12.03	1.08855	1.09048	23.622	1.09058	9.076	4116.6
21.8	12.09	1.08900	1.09093	23.740	1.09103	9.079	4118.3
21.9	12.14	1.08945	1.09138	23.859	1.09149	9.083	4120.0
22.0	12.20	1.08990	1.09183	23.978	1.09194	9.087	4121.7
22.1	12.25	1.09035	1.09228	24.097	1.09239	9.091	4123.4
22.2	12.31	1.09080	1.09273	24.216	1.09284	9.094	4125.1
22.3	12.36	1.09125	1.09318	24.335	1.09329	9.098	4126.8

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
22.4	12.42	1.09170	1.09364	24.454	1.09375	9.102	4128.5
22.5	12.47	1.09216	1.09409	24.573	1.09420	9.106	4130.2
22.6	12.52	1.09261	1.09454	24.693	1.09465	9.109	4132.0
22.7	12.58	1.09306	1.09499	24.812	1.09511	9.113	4133.7
22.8	12.63	1.09351	1.09545	24.932	1.09556	9.117	4135.4
22.9	12.69	1.09397	1.09590	25.052	1.09602	9.121	4137.1
23.0	12.74	1.09442	1.09636	25.172	1.09647	9.125	4138.8
23.1	12.80	1.09487	1.09681	25.292	1.09693	9.128	4140.5
23.2	12.85	1.09533	1.09727	25.412	1.09738	9.132	4142.3
23.3	12.91	1.09578	1.09772	25.532	1.09784	9.136	4144.0
23.4	12.96	1.09624	1.09818	25.652	1.09829	9.140	4145.7
23.5	13.02	1.09669	1.09863	25.772	1.09875	9.143	4147.4
23.6	13.07	1.09715	1.09909	25.893	1.09921	9.147	4149.1
23.7	13.13	1.09760	1.09954	26.013	1.09966	9.151	4150.9
23.8	13.18	1.09806	1.10000	26.134	1.10012	9.155	4152.6
23.9	13.24	1.09851	1.10046	26.255	1.10058	9.159	4154.3
24.0	13.29	1.09897	1.10092	26.375	1.10104	9.163	4156.0
24.1	13.35	1.09943	1.10137	26.496	1.10149	9.166	4157.8
24.2	13.40	1.09989	1.10183	26.617	1.10195	9.170	4159.5
24.3	13.46	1.10034	1.10229	26.738	1.10241	9.174	4161.2
24.4	13.51	1.10080	1.10275	26.860	1.10287	9.178	4163.0
24.5	13.57	1.10126	1.10321	26.981	1.10333	9.182	4164.7
24.6	13.62	1.10172	1.10367	27.102	1.10370	9.185	4166.4
24.7	13.67	1.10218	1.10413	27.224	1.10425	9.189	4168.2
24.8	13.73	1.10264	1.10459	27.345	1.10471	9.193	4169.9
24.9	13.78	1.10310	1.10505	27.467	1.10517	9.197	4171.7
25.0	13.84	1.10356	1.10551	27.589	1.10564	9.201	4173.4
25.1	13.89	1.10402	1.10597	27.710	1.10610	9.205	4175.1
25.2	13.95	1.10448	1.10643	27.833	1.10656	9.208	4176.9
25.3	14.00	1.10494	1.10689	27.955	1.10702	9.212	4178.6
25.4	14.06	1.10540	1.10736	28.077	1.10748	9.216	4180.4
25.5	14.11	1.10586	1.10782	28.199	1.10795	9.220	4182.1
25.6	14.17	1.10632	1.10828	28.322	1.10841	9.224	4183.9
25.7	14.22	1.10679	1.10874	28.444	1.10887	9.228	4185.6
25.8	14.28	1.10725	1.10921	28.567	1.10934	9.232	4187.4
25.9	14.33	1.10771	1.10967	28.690	1.10980	9.235	4189.1
26.0	14.39	1.10818	1.11014	28.813	1.11027	9.239	4190.9

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
26.1	14.44	1.10864	1.11060	28.935	1.11073	9.243	4192.6
26.2	14.49	1.10910	1.11106	29.059	1.11120	9.247	4194.4
26.3	14.55	1.10957	1.11153	29.182	1.11166	9.251	4196.2
<u>26.4</u>	<u>14.60</u>	<u>1.11003</u>	<u>1.11200</u>	<u>29.305</u>	<u>1.11213</u>	<u>9.255</u>	<u>4197.9</u>
26.5	14.66	1.11050	1.11246	29.428	1.11260	9.259	4199.7
26.6	14.71	1.11096	1.11293	29.552	1.11306	9.263	4201.5
26.7	14.77	1.11143	1.11339	29.675	1.11353	9.266	4203.2
26.8	14.82	1.11190	1.11386	29.799	1.11400	9.270	4205.0
26.9	14.88	1.11236	1.11433	29.923	1.11447	9.274	4206.7
27.0	14.93	1.11283	1.11480	30.046	1.11493	9.278	4208.5
27.1	14.99	1.11330	1.11526	30.170	1.11540	9.282	4210.3
27.2	15.04	1.11376	1.11573	30.294	1.11587	9.286	4212.0
27.3	15.09	1.11423	1.11620	30.418	1.11634	9.290	4213.8
<u>27.4</u>	<u>15.15</u>	<u>1.11470</u>	<u>1.11667</u>	<u>30.543</u>	<u>1.11681</u>	<u>9.294</u>	<u>4215.6</u>
27.5	15.20	1.11517	1.11714	30.667	1.11728	9.298	4217.4
27.6	15.26	1.11564	1.11761	30.792	1.11775	9.302	4219.1
27.7	15.31	1.11610	1.11808	30.916	1.11822	9.305	4220.9
27.8	15.37	1.11657	1.11855	31.041	1.11869	9.309	4222.7
27.9	15.42	1.11704	1.11902	31.165	1.11916	9.313	4224.4
28.0	15.48	1.11751	1.11949	31.290	1.11963	9.317	4226.2
28.1	15.53	1.11798	1.11996	31.415	1.12010	9.321	4228.0
28.2	15.59	1.11845	1.12043	31.540	1.12058	9.325	4229.8
28.3	15.64	1.11892	1.12090	31.666	1.12105	9.329	4231.6
<u>28.4</u>	<u>15.69</u>	<u>1.11940</u>	<u>1.12138</u>	<u>31.791</u>	<u>1.12152</u>	<u>9.333</u>	<u>4233.4</u>
28.5	15.75	1.11987	1.12185	31.916	1.12199	9.337	4235.2
28.6	15.80	1.12034	1.12232	32.042	1.12247	9.341	4236.9
28.7	15.86	1.12081	1.12280	32.167	1.12294	9.345	4238.7
28.8	15.91	1.12128	1.12327	32.293	1.12342	9.349	4240.5
28.9	15.97	1.12176	1.12374	32.419	1.12389	9.353	4242.3
29.0	16.02	1.12223	1.12422	32.545	1.12436	9.357	4244.1
29.1	16.08	1.12270	1.12469	32.671	1.12484	9.361	4245.9
29.2	16.13	1.12318	1.12517	32.797	1.12532	9.365	4247.7
29.3	16.18	1.12365	1.12564	32.923	1.12579	9.369	4249.5
<u>29.4</u>	<u>16.24</u>	<u>1.12413</u>	<u>1.12612</u>	<u>33.049</u>	<u>1.12627</u>	<u>9.372</u>	<u>4251.3</u>
29.5	16.29	1.12460	1.12659	33.176	1.12674	9.376	4253.1
29.6	16.35	1.12508	1.12707	33.302	1.12722	9.380	4254.9
29.7	16.40	1.12556	1.12755	33.429	1.12770	9.384	4256.7
29.8	16.46	1.12603	1.12802	33.556	1.12817	9.388	4258.5



Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
29.9	16.51	1.12651	1.12850	33.683	1.12865	9.392	4260.3
30.0	16.57	1.12698	1.12898	33.810	1.12913	9.396	4262.1
30.1	16.62	1.12746	1.12946	33.937	1.12961	9.400	4263.9
30.2	16.67	1.12794	1.12993	34.064	1.13009	9.404	4265.7
30.3	16.73	1.12842	1.13041	34.191	1.13057	9.408	4267.5
30.4	16.78	1.12890	1.13089	34.318	1.13105	9.412	4269.3
30.5	16.84	1.12937	1.13137	34.446	1.13153	9.416	4271.2
30.6	16.89	1.12985	1.13185	34.574	1.13201	9.420	4273.0
30.7	16.95	1.13033	1.13233	34.701	1.13249	9.424	4274.8
30.8	17.00	1.13081	1.13281	34.829	1.13297	9.428	4276.6
30.9	17.05	1.13129	1.13329	34.957	1.13345	9.432	4278.4
31.0	17.11	1.13177	1.13378	35.085	1.13394	9.436	4280.2
31.1	17.16	1.13225	1.13426	35.213	1.13442	9.440	4282.1
31.2	17.22	1.13274	1.13474	35.341	1.13490	9.444	4283.9
31.3	17.27	1.13322	1.13522	35.470	1.13538	9.448	4285.7
31.4	17.33	1.13370	1.13570	35.598	1.13587	9.452	4287.5
31.5	17.38	1.13418	1.13619	35.727	1.13635	9.456	4289.4
31.6	17.43	1.13466	1.13667	35.855	1.13683	9.460	4291.2
31.7	17.49	1.13515	1.13715	35.984	1.13732	9.464	4293.0
31.8	17.54	1.13563	1.13764	36.113	1.13780	9.468	4294.8
31.9	17.60	1.13611	1.13812	36.242	1.13829	9.472	4296.7
32.0	17.65	1.13660	1.13861	36.371	1.13877	9.477	4298.5
32.1	17.70	1.13708	1.13909	36.500	1.13926	9.481	4300.3
32.2	17.76	1.13756	1.13958	36.630	1.13974	9.485	4302.2
32.3	17.81	1.13805	1.14006	36.759	1.14023	9.489	4304.0
32.4	17.87	1.13853	1.14055	36.889	1.14072	9.493	4305.8
32.5	17.92	1.13902	1.14103	37.018	1.14120	9.497	4307.7
32.6	17.98	1.13951	1.14152	37.148	1.14169	9.501	4309.5
32.7	18.03	1.13999	1.14201	37.278	1.14218	9.505	4311.3
32.8	18.08	1.14048	1.14250	37.408	1.14267	9.509	4313.2
32.9	18.14	1.14097	1.14298	37.538	1.14316	9.513	4315.0
33.0	18.19	1.14145	1.14347	37.668	1.14364	9.517	4316.8
33.1	18.25	1.14194	1.14396	37.798	1.14413	9.521	4318.7
33.2	18.30	1.14243	1.14445	37.929	1.14462	9.525	4320.6
33.3	18.36	1.14292	1.14494	38.059	1.14511	9.529	4322.4
33.4	18.41	1.14340	1.14543	38.190	1.14560	9.533	4324.3
33.5	18.46	1.14389	1.14592	38.320	1.14609	9.537	4326.1

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
33.6	18.52	1.14438	1.14641	38.451	1.14658	9.541	4328.0
33.7	18.57	1.14487	1.14690	38.582	1.14708	9.546	4329.8
33.8	18.63	1.14536	1.14739	38.713	1.14757	9.550	4331.7
33.9	18.68	1.14585	1.14788	38.844	1.14806	9.554	4333.5
34.0	18.73	1.14634	1.14837	38.976	1.14855	9.558	4335.4
34.1	18.79	1.14684	1.14886	39.107	1.14904	9.562	4337.2
34.2	18.84	1.14733	1.14936	39.239	1.14954	9.566	4339.1
34.3	18.90	1.14782	1.14985	39.370	1.15003	9.570	4341.0
<u>34.4</u>	<u>18.95</u>	<u>1.14831</u>	<u>1.15034</u>	<u>39.502</u>	<u>1.15052</u>	<u>9.574</u>	<u>4342.8</u>
34.5	19.00	1.14880	1.15084	39.634	1.15102	9.578	4344.7
34.6	19.06	1.14930	1.15133	39.766	1.15151	9.583	4346.6
34.7	19.11	1.14979	1.15183	39.898	1.15201	9.587	4348.4
34.8	19.17	1.15029	1.15232	40.030	1.15250	9.591	4350.3
34.9	19.22	1.15078	1.15282	40.162	1.15300	9.595	4352.2
35.0	19.28	1.15128	1.15331	40.295	1.15350	9.599	4354.0
35.1	19.33	1.15177	1.15381	40.427	1.15399	9.603	4355.9
35.2	19.38	1.15226	1.15430	40.560	1.15449	9.607	4357.8
35.3	19.44	1.15276	1.15480	40.692	1.15498	9.611	4359.7
<u>35.4</u>	<u>19.49</u>	<u>1.15326</u>	<u>1.15530</u>	<u>40.825</u>	<u>1.15548</u>	<u>9.616</u>	<u>4361.5</u>
35.5	19.55	1.15375	1.15579	40.958	1.15598	9.620	4363.4
35.6	19.60	1.15425	1.15629	41.090	1.15648	9.624	4365.3
35.7	19.65	1.15475	1.15679	41.224	1.15698	9.628	4367.2
35.8	19.71	1.15524	1.15729	41.358	1.15747	9.632	4369.1
35.9	19.76	1.15574	1.15778	41.491	1.15797	9.636	4370.9
36.0	19.81	1.15624	1.15828	41.625	1.15847	9.640	4372.8
36.1	19.87	1.15674	1.15878	41.758	1.15897	9.645	4374.7
36.2	19.92	1.15724	1.15928	41.892	1.15947	9.649	4376.6
36.3	19.98	1.15773	1.15978	42.026	1.15997	9.653	4378.5
<u>36.4</u>	<u>20.03</u>	<u>1.15823</u>	<u>1.16028</u>	<u>42.160</u>	<u>1.16047</u>	<u>9.657</u>	<u>4380.4</u>
36.5	20.08	1.15873	1.16078	42.294	1.16098	9.661	4382.3
36.6	20.14	1.15923	1.16128	42.428	1.16148	9.665	4384.2
36.7	20.19	1.15973	1.16178	42.562	1.16198	9.670	4386.1
36.8	20.25	1.16023	1.16228	42.697	1.16248	9.674	4388.0
36.9	20.30	1.16073	1.16279	42.831	1.16298	9.678	4389.9
37.0	20.35	1.16124	1.16329	42.966	1.16349	9.682	4391.8
37.1	20.41	1.16174	1.16379	43.100	1.16399	9.686	4393.7
37.2	20.46	1.16224	1.16430	43.235	1.16449	9.691	4395.6

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
37.3	20.52	1.16274	1.16480	43.370	1.16500	9.695	4397.5
<u>37.4</u>	<u>20.57</u>	<u>1.16324</u>	<u>1.16530</u>	<u>43.505</u>	<u>1.16550</u>	<u>9.699</u>	<u>4399.4</u>
37.5	20.62	1.16375	1.16581	43.641	1.16601	9.703	4401.3
37.6	20.68	1.16425	1.16631	43.776	1.16652	9.707	4403.2
37.7	20.73	1.16476	1.16682	43.911	1.16702	9.712	4405.1
37.8	20.78	1.16526	1.16732	44.047	1.16752	9.716	4407.0
37.9	20.84	1.16576	1.16783	44.182	1.16803	9.720	4408.9
38.0	20.89	1.16627	1.16833	44.318	1.16853	9.724	4410.8
38.1	20.94	1.16678	1.16884	44.454	1.16904	9.728	4412.7
38.2	21.00	1.16728	1.16934	44.590	1.16955	9.733	4414.6
38.3	21.05	1.16779	1.16985	44.726	1.17006	9.737	4416.6
<u>38.4</u>	<u>21.11</u>	<u>1.16829</u>	<u>1.17036</u>	<u>44.862</u>	<u>1.17056</u>	<u>9.741</u>	<u>4418.5</u>
38.5	21.16	1.16880	1.17087	44.999	1.17107	9.745	4420.4
38.6	21.21	1.16931	1.17138	45.135	1.17158	9.749	4422.3
38.7	21.27	1.16982	1.17188	45.272	1.17209	9.754	4424.2
38.8	21.32	1.17032	1.17239	45.408	1.17260	9.758	4426.2
38.9	21.38	1.17083	1.17290	45.545	1.17311	9.762	4428.1
39.0	21.43	1.17134	1.17341	45.682	1.17362	9.766	4430.0
39.1	21.48	1.17185	1.17392	45.819	1.17413	9.771	4431.9
39.2	21.54	1.17236	1.17443	45.956	1.17464	9.775	4433.9
39.3	21.59	1.17287	1.17494	46.094	1.17515	9.779	4435.8
<u>39.4</u>	<u>21.64</u>	<u>1.17338</u>	<u>1.17545</u>	<u>46.231</u>	<u>1.17566</u>	<u>9.783</u>	<u>4437.7</u>
39.5	21.70	1.17389	1.17596	46.369	1.17618	9.788	4439.7
39.6	21.75	1.17440	1.17648	46.506	1.17669	9.792	4441.6
39.7	21.80	1.17491	1.17699	46.644	1.17720	9.796	4443.5
39.8	21.86	1.17542	1.17750	46.782	1.17772	9.801	4445.5
39.9	21.91	1.17594	1.17802	46.920	1.17823	9.805	4447.4
40.0	21.97	1.17645	1.17853	47.058	1.17874	9.809	4449.3
40.1	22.02	1.17696	1.17904	47.196	1.17926	9.813	4451.3
40.2	22.07	1.17747	1.17956	47.334	1.17977	9.818	4453.2
40.3	22.13	1.17799	1.18007	47.473	1.18029	9.822	4455.2
<u>40.4</u>	<u>22.18</u>	<u>1.17850</u>	<u>1.18058</u>	<u>47.611</u>	<u>1.18080</u>	<u>9.826</u>	<u>4457.1</u>
40.5	22.23	1.17901	1.18110	47.750	1.18132	9.831	4459.1
40.6	22.29	1.17953	1.18162	47.889	1.18183	9.835	4461.0
40.7	22.34	1.18004	1.18213	48.028	1.18235	9.839	4463.0
40.8	22.39	1.18056	1.18265	48.167	1.18287	9.843	4464.9
40.9	22.45	1.18108	1.18316	48.306	1.18339	9.848	4466.9

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
41.0	22.50	1.18159	1.18368	48.445	1.18390	9.852	4468.8
41.1	22.55	1.18211	1.18420	48.585	1.18442	9.856	4470.8
41.2	22.61	1.18262	1.18472	48.724	1.18494	9.861	4472.7
41.3	22.66	1.18314	1.18524	48.864	1.18546	9.865	4474.7
<u>41.4</u>	<u>22.72</u>	<u>1.18366</u>	<u>1.18575</u>	<u>49.004</u>	<u>1.18598</u>	<u>9.869</u>	<u>4476.7</u>
41.5	22.77	1.18418	1.18627	49.143	1.18650	9.874	4478.6
41.6	22.82	1.18470	1.18679	49.283	1.18702	9.878	4480.6
41.7	22.88	1.18522	1.18731	49.424	1.18754	9.882	4482.5
41.8	22.93	1.18573	1.18783	49.564	1.18806	9.887	4484.5
41.9	22.98	1.18625	1.18835	49.704	1.18858	9.891	4486.5
42.0	23.04	1.18677	1.18887	49.845	1.18910	9.895	4488.4
42.1	23.09	1.18729	1.18939	49.985	1.18962	9.900	4490.4
42.2	23.14	1.18781	1.18992	50.126	1.19014	9.904	4492.4
42.3	23.20	1.18834	1.19044	50.267	1.19062	9.908	4494.2
<u>42.4</u>	<u>23.25</u>	<u>1.18886</u>	<u>1.19096</u>	<u>50.408</u>	<u>1.19119</u>	<u>9.913</u>	<u>4496.3</u>
42.5	23.30	1.18938	1.19148	50.549	1.19171	9.917	4498.3
42.6	23.36	1.18990	1.19201	50.690	1.19224	9.921	4500.3
42.7	23.41	1.19042	1.19253	50.831	1.19276	9.926	4502.3
42.8	23.46	1.19095	1.19305	50.973	1.19329	9.930	4504.2
42.9	23.52	1.19147	1.19358	51.114	1.19381	9.935	4506.2
43.0	23.57	1.19199	1.19410	51.256	1.19434	9.939	4508.2
43.1	23.62	1.19252	1.19463	51.398	1.19486	9.943	4510.0
43.2	23.68	1.19304	1.19515	51.539	1.19539	9.948	4512.0
43.3	23.73	1.19356	1.19568	51.681	1.19591	9.952	4514.0
<u>43.4</u>	<u>23.78</u>	<u>1.19409</u>	<u>1.19620</u>	<u>51.824</u>	<u>1.19644</u>	<u>9.956</u>	<u>4516.0</u>
43.5	23.84	1.19462	1.19673	51.966	1.19697	9.961	4518.0
43.6	23.89	1.19514	1.19726	52.108	1.19749	9.965	4520.0
43.7	23.94	1.19567	1.19778	52.251	1.19802	9.970	4522.0
43.8	24.00	1.19619	1.19831	52.393	1.19855	9.974	4524.0
43.9	24.05	1.19672	1.19894	52.536	1.19908	9.978	4526.0
44.0	24.10	1.19725	1.19936	52.679	1.19961	9.983	4528.0
44.1	24.16	1.19778	1.19989	52.822	1.20013	9.997	4530.0
44.2	24.21	1.19830	1.20042	52.965	1.20066	9.992	4532.0
44.3	24.26	1.19883	1.20095	53.108	1.20119	9.996	4534.0
<u>44.4</u>	<u>24.32</u>	<u>1.19936</u>	<u>1.20148</u>	<u>53.252</u>	<u>1.20172</u>	<u>10.000</u>	<u>4536.0</u>
44.5	24.37	1.19989	1.20201	53.395	1.20226	10.005	4538.0
44.6	24.42	1.20042	1.20254	53.539	1.20279	10.009	4540.0
44.7	24.48	1.20095	1.20307	53.683	1.20332	10.014	4542.0

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
44.8	24.53	1.20148	1.20360	53.826	1.20385	10.018	4544.0
44.9	24.58	1.20201	1.20414	53.970	1.20438	10.022	4546.0
45.0	24.63	1.20254	1.20467	54.114	1.20491	10.027	4548.1
45.1	24.69	1.20307	1.20520	54.259	1.20545	10.031	4550.2
45.2	24.74	1.20360	1.20573	54.403	1.20598	10.036	4552.2
45.3	24.79	1.20414	1.20627	54.547	1.20651	10.040	4554.2
45.4	<u>24.85</u>	<u>1.20467</u>	<u>1.20680</u>	<u>54.692</u>	<u>1.20705</u>	<u>10.045</u>	<u>4556.2</u>
45.5	24.90	1.20520	1.20733	54.837	1.20758	10.049	4558.2
45.6	24.95	1.20573	1.20787	54.981	1.20812	10.054	4560.2
45.7	25.01	1.20627	1.20840	55.126	1.20865	10.058	4562.3
45.8	25.06	1.20680	1.20894	55.272	1.20919	10.063	4564.3
45.9	25.11	1.20734	1.20947	55.417	1.20972	10.067	4566.3
46.0	25.17	1.20787	1.21001	55.562	1.21026	10.071	4568.3
46.1	25.22	1.20840	1.21054	55.708	1.21080	10.076	4570.3
46.2	25.27	1.20894	1.21108	55.853	1.21133	10.080	4572.4
46.3	25.32	1.20948	1.21162	55.999	1.21187	10.085	4574.4
46.4	<u>25.38</u>	<u>1.21001</u>	<u>1.21215</u>	<u>56.145</u>	<u>1.21241</u>	<u>10.089</u>	<u>4576.4</u>
46.5	25.43	1.21055	1.21269	56.291	1.21295	10.094	4578.5
46.6	25.48	1.21109	1.21323	56.437	1.21349	10.098	4580.5
46.7	25.54	1.21162	1.21377	56.583	1.21402	10.103	4582.5
46.8	25.59	1.21216	1.21431	56.729	1.21456	10.107	4584.5
46.9	25.64	1.21270	1.21484	56.876	1.21510	10.112	4586.6
47.0	25.70	1.21324	1.21538	57.022	1.21564	10.116	4588.6
47.1	25.75	1.21378	1.21592	57.169	1.21618	10.121	4590.7
47.2	25.80	1.21432	1.21646	57.316	1.21673	10.125	4592.7
47.3	25.86	1.21486	1.21700	57.463	1.21727	10.130	4594.8
47.4	<u>25.91</u>	<u>1.21540</u>	<u>1.21755</u>	<u>57.610</u>	<u>1.21781</u>	<u>10.134</u>	<u>4596.8</u>
47.5	25.96	1.21594	1.21809	57.757	1.21835	10.139	4598.9
47.6	26.01	1.21648	1.21863	57.904	1.21889	10.143	4600.9
47.7	26.07	1.21702	1.21917	58.052	1.21943	10.148	4602.9
47.8	26.12	1.21756	1.21971	58.199	1.21998	10.152	4605.0
47.9	26.17	1.21810	1.22026	58.347	1.22052	10.157	4607.0
48.0	26.23	1.21864	1.22080	58.495	1.22106	10.161	4609.1
48.1	26.28	1.21918	1.22134	58.643	1.22161	10.166	4611.2
48.2	26.33	1.21973	1.22189	58.791	1.22215	10.170	4613.2
48.3	26.38	1.22027	1.22243	58.939	1.22270	10.175	4615.3
48.4	<u>26.44</u>	<u>1.22082</u>	<u>1.22298</u>	<u>59.087</u>	<u>1.22324</u>	<u>10.179</u>	<u>4617.3</u>

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
48.5	26.49	1.22136	1.22352	59.236	1.22379	10.184	4619.4
48.6	26.54	1.22190	1.22406	59.385	1.22434	10.189	4621.4
48.7	26.59	1.22245	1.22461	59.533	1.22488	10.193	4623.5
48.8	26.65	1.22300	1.22516	59.682	1.22543	10.198	4625.6
48.9	26.70	1.22354	1.22570	59.831	1.22598	10.202	4627.6
49.0	26.75	1.22409	1.22625	59.980	1.22652	10.207	4629.7
49.1	26.81	1.22463	1.22680	60.129	1.22707	10.211	4631.8
49.2	26.86	1.22518	1.22735	60.279	1.22762	10.216	4633.8
49.3	26.91	1.22573	1.22789	60.428	1.22817	10.220	4635.9
<u>49.4</u>	<u>26.96</u>	<u>1.22627</u>	<u>1.22844</u>	<u>60.578</u>	<u>1.22872</u>	<u>10.225</u>	<u>4638.0</u>
49.5	27.02	1.22682	1.22899	60.728	1.22927	10.230	4640.1
49.6	27.07	1.22737	1.22954	60.878	1.22982	10.234	4642.1
49.7	27.12	1.22792	1.23009	61.028	1.23037	10.239	4644.2
49.8	27.18	1.22847	1.23064	61.178	1.23092	10.243	4646.3
49.9	27.23	1.22902	1.23119	61.328	1.23147	10.248	4648.4
50.0	27.38	1.22957	1.23174	61.478	1.23202	10.252	4650.4
50.1	27.33	1.23012	1.23229	61.629	1.23257	10.257	4652.5
50.2	27.39	1.23067	1.23284	61.780	1.23313	10.262	4654.6
50.3	27.44	1.23122	1.23340	61.930	1.23368	10.266	4656.7
<u>50.4</u>	<u>27.49</u>	<u>1.23177</u>	<u>1.23395</u>	<u>62.081</u>	<u>1.23423</u>	<u>10.271</u>	<u>4658.8</u>
50.5	27.54	1.23232	1.23450	62.232	1.23478	10.275	4660.9
50.6	27.60	1.23287	1.23506	62.383	1.23534	10.280	4663.0
50.7	27.65	1.23343	1.23561	62.535	1.23589	10.285	4665.1
50.8	27.70	1.23398	1.23616	62.686	1.23645	10.289	4667.2
50.9	27.75	1.23453	1.23672	62.838	1.23700	10.294	4669.2
51.0	27.81	1.23508	1.23727	62.989	1.23756	10.299	4671.3
51.1	27.86	1.23564	1.23782	63.141	1.23811	10.303	4673.4
51.2	27.91	1.23619	1.23838	63.293	1.23867	10.308	4675.5
51.3	27.96	1.23675	1.23894	63.445	1.23922	10.312	4677.6
<u>51.4</u>	<u>28.02</u>	<u>1.23730</u>	<u>1.23040</u>	<u>63.597</u>	<u>1.23978</u>	<u>10.317</u>	<u>4679.8</u>
51.5	28.07	1.23786	1.24005	63.760	1.24034	10.322	4681.9
51.6	28.12	1.23841	1.24000	63.902	1.24089	10.326	4684.0
51.7	28.17	1.23897	1.24116	64.055	1.24145	10.331	4686.1
51.8	28.23	1.23953	1.24172	64.208	1.24201	10.336	4688.2
51.9	28.28	1.24008	1.24228	64.360	1.24257	10.340	4690.3
52.0	28.33	1.24064	1.24284	64.513	1.24313	10.345	4692.4
52.1	28.38	1.24120	1.24339	64.666	1.24369	10.350	4694.5

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
52.2	28.44	1.24176	1.24395	64.820	1.24425	10.354	4696.6
52.3	28.49	1.24232	1.24451	64.973	1.24481	10.359	4698.7
<u>52.4</u>	<u>28.54</u>	<u>1.24287</u>	<u>1.24507</u>	<u>65.127</u>	<u>1.24537</u>	<u>10.364</u>	<u>4700.8</u>
52.5	28.59	1.24343	1.24563	65.280	1.24593	10.368	4703.0
52.6	28.65	1.24399	1.24619	65.433	1.24649	10.373	4705.1
52.7	28.70	1.24455	1.24675	65.588	1.24705	10.378	4707.2
52.8	28.75	1.24511	1.24731	65.742	1.24761	10.382	4709.3
52.9	28.80	1.24567	1.24788	65.896	1.24818	10.387	4711.4
53.0	28.86	1.24623	1.24844	66.050	1.24874	10.392	4713.5
53.1	28.91	1.24680	1.24900	66.205	1.24930	10.396	4715.7
53.2	28.96	1.24736	1.24956	66.359	1.24987	10.401	4717.8
53.3	29.01	1.24792	1.25013	66.514	1.25043	10.406	4719.9
<u>53.4</u>	<u>29.06</u>	<u>1.24848</u>	<u>1.25069</u>	<u>66.669</u>	<u>1.25099</u>	<u>10.410</u>	<u>4722.1</u>
53.5	29.12	1.24905	1.25126	66.824	1.25156	10.415	4724.2
53.6	29.17	1.24961	1.25182	66.979	1.25212	10.420	4726.3
53.7	29.22	1.25017	1.25238	67.134	1.25269	10.425	4728.5
53.8	29.27	1.25074	1.25295	67.290	1.25325	10.429	4730.6
53.9	29.32	1.25130	1.25351	67.445	1.25382	10.434	4732.7
54.0	29.38	1.25187	1.25408	67.601	1.25439	10.439	4734.9
54.1	29.43	1.25243	1.25465	67.757	1.25495	10.443	4737.0
54.2	29.48	1.25300	1.25521	67.912	1.25552	10.448	4739.2
54.3	29.53	1.25356	1.25578	68.069	1.25609	10.453	4741.3
<u>54.4</u>	<u>29.59</u>	<u>1.25413</u>	<u>1.25635</u>	<u>68.225</u>	<u>1.25666</u>	<u>10.458</u>	<u>4743.4</u>
54.5	29.64	1.25470	1.25692	68.381	1.25723	10.462	4745.6
54.6	29.69	1.25526	1.25748	68.537	1.25780	10.467	4747.7
54.7	29.74	1.25583	1.25805	68.694	1.25836	10.472	4749.9
54.8	29.80	1.25640	1.25862	68.851	1.25893	10.476	4752.0
54.9	29.85	1.25697	1.25919	69.008	1.25950	10.481	4754.2
55.0	29.90	1.25754	1.25976	69.164	1.26007	10.486	4756.3
55.1	29.95	1.25810	1.26033	69.322	1.26064	10.491	4758.5
55.2	30.00	1.25867	1.26090	69.479	1.26122	10.495	4760.7
55.3	30.06	1.25924	1.26147	69.636	1.26179	10.500	4762.8
<u>55.4</u>	<u>30.11</u>	<u>1.25982</u>	<u>1.26204</u>	<u>69.794</u>	<u>1.26236</u>	<u>10.505</u>	<u>4765.0</u>
55.5	30.16	1.26039	1.26261	69.951	1.26293	10.510	4767.1
55.6	30.21	1.26096	1.26319	70.109	1.26350	10.515	4769.3
55.7	30.26	1.26153	1.26376	70.267	1.26408	10.519	4771.5
55.8	30.32	1.26210	1.26433	70.425	1.26465	10.524	4773.6
55.9	30.37	1.26267	1.26490	70.583	1.26522	10.529	4775.8

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
56.0	30.42	1.26324	1.26548	70.742	1.26580	10.534	4777.9
56.1	30.47	1.26382	1.26605	70.900	1.26637	10.538	4780.1
56.2	30.52	1.26439	1.26663	71.059	1.26695	10.543	4782.3
56.3	30.57	1.26496	1.26720	71.217	1.26752	10.548	4784.5
<u>56.4</u>	<u>30.63</u>	<u>1.26554</u>	<u>1.26778</u>	<u>71.376</u>	<u>1.26810</u>	<u>10.553</u>	<u>4786.6</u>
56.5	30.68	1.26611	1.26835	71.535	1.26868	10.558	4788.8
56.6	30.73	1.26669	1.26893	71.694	1.26925	10.562	4791.0
56.7	30.78	1.26726	1.26950	71.854	1.26983	10.567	4793.2
56.8	30.83	1.26784	1.27008	72.013	1.27041	10.572	4795.3
56.9	30.89	1.26841	1.27066	72.173	1.27098	10.577	4797.5
57.0	30.94	1.26899	1.27123	72.332	1.27156	10.581	4799.7
57.1	30.99	1.26956	1.27181	72.492	1.27214	10.586	4801.9
57.2	31.04	1.27014	1.27239	72.652	1.27272	10.591	4804.1
57.3	31.09	1.27072	1.27297	72.812	1.27330	10.596	4806.3
<u>57.4</u>	<u>31.15</u>	<u>1.27130</u>	<u>1.27355</u>	<u>72.973</u>	<u>1.27388</u>	<u>10.601</u>	<u>4808.4</u>
57.5	31.20	1.27188	1.27413	73.133	1.27446	10.606	4810.6
57.6	31.25	1.27246	1.27471	73.293	1.27504	10.610	4812.8
57.7	31.30	1.27304	1.27529	73.454	1.27562	10.615	4815.0
57.8	31.35	1.27361	1.27587	73.615	1.27620	10.620	4817.2
57.9	31.40	1.27419	1.27646	73.776	1.27678	10.625	4819.4
58.0	31.46	1.27477	1.27703	73.937	1.27736	10.630	4821.6
58.1	31.51	1.27535	1.27761	74.098	1.27794	10.635	4823.8
58.2	31.56	1.27594	1.27819	74.260	1.27853	10.640	4826.0
58.3	31.61	1.27652	1.27878	74.421	1.27911	10.644	4828.2
<u>58.4</u>	<u>31.66</u>	<u>1.27710</u>	<u>1.27986</u>	<u>74.583</u>	<u>1.27969</u>	<u>10.649</u>	<u>4830.4</u>
58.5	31.71	1.27768	1.27994	74.744	1.28028	10.654	4832.6
58.6	31.76	1.27826	1.28052	74.906	1.28086	10.659	4834.8
58.7	31.82	1.27884	1.28111	75.068	1.28145	10.664	4837.0
58.8	31.87	1.27943	1.28169	75.230	1.28203	10.669	4839.2
58.9	31.92	1.28001	1.28228	75.393	1.28262	10.674	4841.4
59.0	31.97	1.28060	1.28286	75.555	1.28320	10.678	4843.6
59.1	32.02	1.28118	1.28345	75.718	1.28379	10.683	4845.8
59.2	32.07	1.28176	1.28404	75.880	1.28437	10.688	4848.1
59.3	32.13	1.28235	1.28462	76.043	1.28497	10.693	4850.3
<u>59.4</u>	<u>32.18</u>	<u>1.28294</u>	<u>1.28520</u>	<u>76.207</u>	<u>1.28555</u>	<u>10.698</u>	<u>4852.5</u>
59.5	32.23	1.28352	1.28519	76.369	1.28614	10.703	4854.7
59.6	32.28	1.28411	1.28638	76.533	1.28672	10.708	4856.9



Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
59.7	32.33	1.28469	1.28697	76.696	1.28731	10.713	4859.2
59.8	32.38	1.28528	1.28755	76.860	1.28789	10.718	4861.4
59.9	32.43	1.28587	1.28814	77.024	1.28849	10.722	4863.6
60.0	32.49	1.28646	1.28873	77.188	1.28908	10.727	4865.8
60.1	32.54	1.28704	1.28932	77.351	1.28966	10.732	4868.0
60.2	32.59	1.28763	1.28991	77.515	1.29025	10.737	4870.3
60.3	32.64	1.28822	1.29050	77.680	1.29084	10.742	4872.5
60.4	<u>32.69</u>	<u>1.28881</u>	<u>1.29109</u>	<u>77.844</u>	<u>1.29143</u>	<u>10.747</u>	<u>4874.7</u>
60.5	32.74	1.28940	1.29168	78.009	1.29203	10.752	4877.0
60.6	32.79	1.28999	1.29227	78.173	1.29262	10.757	4879.2
60.7	32.85	1.29058	1.29286	78.338	1.29321	10.762	4881.4
60.8	32.90	1.29117	1.29346	78.503	1.29380	10.767	4883.7
60.9	32.95	1.29176	1.29405	78.668	1.29439	10.772	4885.9
61.0	33.00	1.29235	1.29464	78.833	1.29498	10.777	4888.1
61.1	33.05	1.29295	1.29523	78.999	1.29559	10.781	4890.4
61.2	33.10	1.29354	1.29583	79.165	1.29618	10.786	4892.6
61.3	33.15	1.29413	1.29642	79.330	1.29677	10.791	4894.9
61.4	<u>33.20</u>	<u>1.29472</u>	<u>1.29701</u>	<u>79.496</u>	<u>1.29736</u>	<u>10.796</u>	<u>4897.1</u>
61.5	33.26	1.29532	1.29761	79.662	1.29796	10.801	4899.4
61.6	33.31	1.29591	1.29820	79.828	1.29855	10.806	4901.6
61.7	33.36	1.29651	1.29880	79.995	1.29915	10.811	4903.9
61.8	33.41	1.29710	1.29940	80.161	1.29975	10.816	4906.1
61.9	33.46	1.29770	1.29999	80.328	1.30034	10.821	4908.4
62.0	33.51	1.29829	1.30059	80.494	1.30093	10.826	4910.6
62.1	33.56	1.29889	1.30118	80.661	1.30153	10.831	4912.9
62.2	33.61	1.29948	1.30178	80.828	1.30212	10.836	4915.1
62.3	33.67	1.30008	1.30238	80.995	1.30273	10.841	4917.4
62.4	<u>33.72</u>	<u>1.30068</u>	<u>1.30298</u>	<u>81.162</u>	<u>1.30334</u>	<u>10.846</u>	<u>4919.7</u>
62.5	33.77	1.30127	1.30358	81.329	1.30393	10.851	4921.9
62.6	33.82	1.30187	1.30418	81.497	1.30453	10.856	4924.2
62.7	33.87	1.30247	1.30477	81.665	1.30513	10.861	4926.4
62.8	33.92	1.30307	1.30537	81.833	1.30573	10.866	4928.7
62.9	33.97	1.30367	1.30597	82.001	1.30633	10.871	4931.0
63.0	34.02	1.30427	1.30657	82.169	1.30694	10.876	4933.2
63.1	34.07	1.30487	1.30718	82.337	1.30754	10.881	4935.5
63.2	34.12	1.30547	1.30778	82.506	1.30815	10.886	4937.8
63.3	34.18	1.30607	1.30838	82.674	1.30875	10.891	4940.1

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
63.4	34.23	1.30667	1.30898	82.843	1.30936	10.896	4942.3
63.5	34.28	1.30727	1.30958	83.012	1.30994	10.901	4944.6
63.6	34.33	1.30787	1.31019	83.180	1.31055	10.906	4946.9
63.7	34.38	1.30848	1.31079	83.350	1.31117	10.911	4949.2
63.8	34.43	1.30908	1.31139	83.519	1.31177	10.916	4951.5
63.9	34.48	1.30968	1.31200	83.688	1.31237	10.921	4953.7
64.0	34.53	1.31028	1.31260	83.858	1.31297	10.926	4956.0
64.1	34.58	1.31088	1.31320	84.028	1.31359	10.931	4958.3
64.2	34.63	1.31149	1.31381	84.198	1.31418	10.936	4960.6
64.3	34.68	1.31209	1.31441	84.367	1.31479	10.941	4962.9
64.4	34.74	1.31270	1.31502	84.538	1.31540	10.946	4965.2
64.5	34.79	1.31330	1.31563	84.708	1.31600	10.951	4967.5
64.6	34.84	1.31391	1.31623	84.879	1.31661	10.956	4969.8
64.7	34.89	1.31452	1.31684	85.049	1.31723	10.961	4972.1
64.8	34.94	1.31512	1.31745	85.220	1.31784	10.967	4974.3
64.9	34.99	1.31573	1.31806	85.391	1.31845	10.972	4976.6
65.0	35.04	1.31633	1.31866	85.561	1.31905	10.977	4978.9
65.1	35.09	1.31694	1.31927	85.733	1.31966	10.982	4981.2
65.2	35.14	1.31755	1.31988	85.904	1.32028	10.987	4983.5
65.3	35.19	1.31816	1.32049	86.076	1.32089	10.992	4985.8
65.4	35.24	1.31877	1.32110	86.248	1.32150	10.997	4988.1
65.5	35.29	1.31937	1.32171	86.419	1.32210	11.002	4990.4
65.6	35.34	1.31998	1.32232	86.591	1.32271	11.007	4992.8
65.7	35.39	1.32059	1.32293	86.763	1.32332	11.012	4995.1
65.8	35.45	1.32120	1.32354	86.935	1.32393	11.017	4997.4
65.9	35.50	1.32181	1.32415	87.107	1.32455	11.022	4999.7
66.0	35.55	1.32242	1.32476	87.280	1.32516	11.027	5002.0
66.1	35.60	1.32304	1.32538	87.453	1.32577	11.033	5004.3
66.2	35.65	1.32365	1.32599	87.626	1.32638	11.038	5006.6
66.3	35.70	1.32426	1.32660	87.798	1.32699	11.043	5008.9
66.4	35.75	1.32487	1.32722	87.971	1.32759	11.048	5011.2
66.5	35.80	1.32548	1.32783	88.144	1.32820	11.053	5013.5
66.6	35.85	1.32610	1.32844	88.318	1.32884	11.058	5015.9
66.7	35.90	1.32671	1.32906	88.492	1.32945	11.063	5018.2
66.8	35.95	1.32732	1.32967	88.666	1.33007	11.068	5020.5
66.9	36.00	1.32794	1.33029	88.839	1.33068	11.073	5022.9
67.0	36.05	1.32855	1.33090	89.012	1.33129	11.078	5025.2

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
67.1	36.10	1.32917	1.33152	89.187	1.33192	11.084	5027.5
67.2	36.15	1.32978	1.33214	89.361	1.33254	11.089	5029.9
67.3	36.20	1.33040	1.33275	89.536	1.33315	11.094	5032.2
<u>67.4</u>	<u>36.25</u>	<u>1.33102</u>	<u>1.33337</u>	<u>89.711</u>	<u>1.33377</u>	<u>11.099</u>	<u>5034.5</u>
67.5	36.30	1.33163	1.33399	89.885	1.33438	11.104	5036.9
67.6	36.35	1.33225	1.33460	90.060	1.33500	11.110	5039.2
67.7	36.40	1.33287	1.33523	90.235	1.33562	11.115	5041.5
67.8	36.45	1.33348	1.33584	90.411	1.33625	11.120	5043.9
67.9	36.50	1.33410	1.33646	90.585	1.33686	11.125	5046.2
68.0	36.55	1.33472	1.33708	90.761	1.33748	11.130	5048.5
68.1	36.61	1.33534	1.33770	90.937	1.33810	11.135	5050.9
68.2	36.66	1.33596	1.33832	91.112	1.33872	11.140	5053.2
68.3	36.71	1.33658	1.33894	91.288	1.33935	11.146	5055.6
<u>68.4</u>	<u>36.76</u>	<u>1.33720</u>	<u>1.33957</u>	<u>91.464</u>	<u>1.33997</u>	<u>11.151</u>	<u>5057.9</u>
68.5	36.81	1.33782	1.34019	91.641	1.34059	11.156	5060.3
68.6	36.86	1.33844	1.34081	91.817	1.34121	11.161	5062.6
68.7	36.91	1.33906	1.34143	91.993	1.34183	11.166	5065.0
68.8	36.96	1.33968	1.34205	92.169	1.34245	11.172	5067.3
68.9	37.01	1.34031	1.34268	92.347	1.34309	11.177	5069.7
69.0	37.06	1.34093	1.34330	92.524	1.34371	11.182	5072.0
69.1	37.11	1.34155	1.34392	92.701	1.34433	11.187	5074.4
69.2	37.16	1.34217	1.34455	92.878	1.34495	11.192	5076.7
69.3	37.21	1.34280	1.34517	93.056	1.34558	11.198	5079.1
<u>69.4</u>	<u>37.26</u>	<u>1.34342</u>	<u>1.34580</u>	<u>93.233</u>	<u>1.34621</u>	<u>11.203</u>	<u>5081.5</u>
69.5	37.31	1.34405	1.34642	93.411	1.34684	11.208	5083.9
69.6	37.36	1.34467	1.34705	93.589	1.34746	11.213	5086.2
69.7	37.41	1.34530	1.34768	93.767	1.34809	11.218	5088.6
69.8	37.46	1.34592	1.34830	93.945	1.34871	11.224	5090.9
69.9	37.51	1.34655	1.34893	94.123	1.34934	11.229	5093.3
70.0	37.56	1.34717	1.34956	94.302	1.34997	11.234	5095.7
70.1	37.61	1.34780	1.35019	94.481	1.35060	11.239	5098.1
70.2	37.66	1.34843	1.35081	94.660	1.35123	11.245	5100.5
70.3	37.71	1.34906	1.35144	94.839	1.35186	11.250	5102.8
<u>70.4</u>	<u>37.76</u>	<u>1.34968</u>	<u>1.35207</u>	<u>95.017</u>	<u>1.35248</u>	<u>11.255</u>	<u>5105.2</u>
70.5	37.81	1.35031	1.35270	95.197	1.35311	11.260	5107.6
70.6	37.86	1.35094	1.35333	95.376	1.35375	11.265	5110.0
70.7	37.91	1.35157	1.35396	95.556	1.35438	11.271	5112.3
70.8	37.96	1.35220	1.35459	95.736	1.35501	11.276	5114.7

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
70.9	38.01	1.35283	1.35522	95.916	1.35564	11.281	5117.1
71.0	38.06	1.35346	1.35585	96.096	1.35627	11.286	5119.5
71.1	38.11	1.35409	1.35648	96.276	1.35691	11.292	5121.9
71.2	38.16	1.35472	1.35711	96.456	1.35754	11.297	5124.3
71.3	38.21	1.35535	1.35775	96.636	1.35817	11.302	5126.6
71.4	<u>38.26</u>	<u>1.35598</u>	<u>1.35838</u>	<u>96.817</u>	<u>1.35881</u>	<u>11.308</u>	<u>5129.0</u>
71.5	38.30	1.35661	1.35901	96.998	1.35944	11.313	5131.4
71.6	38.35	1.35724	1.35964	97.179	1.36008	11.318	5133.8
71.7	38.40	1.35788	1.36028	97.360	1.36072	11.323	5136.2
71.8	38.45	1.35851	1.36091	97.541	1.36135	11.329	5138.6
71.9	38.50	1.35914	1.36155	97.722	1.36198	11.334	5141.0
72.0	38.55	1.35978	1.36218	97.904	1.36261	11.339	5143.4
72.1	38.60	1.36041	1.36282	98.085	1.36324	11.345	5145.8
72.2	38.65	1.36105	1.36346	98.268	1.36389	11.350	5148.2
72.3	38.70	1.36168	1.36409	98.449	1.36452	11.355	5150.6
72.4	<u>38.75</u>	<u>1.36232</u>	<u>1.36473</u>	<u>98.632</u>	<u>1.36516</u>	<u>11.360</u>	<u>5153.0</u>
72.5	38.80	1.36295	1.36536	98.814	1.36579	11.366	5155.4
72.6	38.85	1.36359	1.36600	98.997	1.36643	11.371	5157.8
72.7	38.90	1.36423	1.36664	99.179	1.36707	11.376	5160.2
72.8	38.95	1.36486	1.36728	99.362	1.36771	11.382	5162.7
72.9	39.00	1.36550	1.36792	99.545	1.36836	11.387	5165.1
73.0	39.05	1.36614	1.36856	99.728	1.36900	11.392	5167.5
73.1	39.10	1.36678	1.36919	99.912	1.36964	11.398	5169.9
73.2	39.15	1.36742	1.36083	100.095	1.37028	11.403	5172.3
73.3	39.20	1.36805	1.37041	100.278	1.37092	11.408	5174.8
73.4	<u>39.25</u>	<u>1.36869</u>	<u>1.37111</u>	<u>100.462</u>	<u>1.37156</u>	<u>11.414</u>	<u>5177.2</u>
73.5	39.30	1.36933	1.37176	100.646	1.37220	11.419	5179.6
73.6	39.35	1.36997	1.37240	100.830	1.37283	11.424	5182.0
73.7	39.39	1.37061	1.37304	101.014	1.37347	11.430	5184.4
73.8	39.44	1.37125	1.37368	101.198	1.37411	11.435	5186.8
73.9	39.49	1.37189	1.37432	101.383	1.37476	11.440	5189.3
74.0	39.54	1.37254	1.37496	101.568	1.37541	11.446	5191.7
74.1	39.59	1.37318	1.37561	101.753	1.37605	11.451	5194.1
74.2	39.64	1.37382	1.37625	101.937	1.37669	11.446	5196.6
74.3	39.69	1.37446	1.37689	102.122	1.37733	11.462	5199.0
74.4	<u>39.74</u>	<u>1.37510</u>	<u>1.37754</u>	<u>102.308</u>	<u>1.37798</u>	<u>11.467</u>	<u>5201.4</u>
74.5	39.79	1.37575	1.37818	102.493	1.37864	11.473	5203.9

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
74.6	39.84	1.37639	1.37883	102.679	1.37928	11.478	5206.3
74.7	39.89	1.37704	1.37947	102.865	1.37993	11.483	5208.8
74.8	39.94	1.37768	1.38012	103.050	1.38057	11.489	5211.2
74.9	39.99	1.37833	1.38076	103.237	1.38122	11.494	5213.6
75.0	40.03	1.37897	1.38141	103.423	1.38187	11.499	5216.1
75.1	40.08	1.37962	1.38206	103.609	1.38252	11.505	5218.5
75.2	40.13	1.38026	1.38276	103.796	1.38316	11.510	5221.0
75.3	40.18	1.38091	1.38335	103.983	1.38381	11.516	5223.4
<u>75.4</u>	<u>40.23</u>	<u>1.38156</u>	<u>1.38400</u>	<u>104.170</u>	<u>1.38445</u>	<u>11.521</u>	<u>5225.8</u>
75.5	40.28	1.38220	1.38465	104.356	1.38510	11.526	5228.3
75.6	40.33	1.38285	1.38530	104.543	1.38575	11.532	5230.8
75.7	40.38	1.38350	1.38595	104.731	1.38640	11.537	5233.2
75.8	40.43	1.38415	1.38660	104.919	1.38705	11.543	5235.7
75.9	40.48	1.38480	1.38725	105.106	1.38770	11.548	5238.1
76.0	40.53	1.38545	1.38790	105.294	1.38835	11.554	5240.6
76.1	40.57	1.38610	1.38855	105.482	1.38902	11.559	5243.1
76.2	40.62	1.38675	1.38920	105.670	1.38967	11.564	5245.5
76.3	40.67	1.38740	1.38985	105.859	1.39032	11.570	5248.0
<u>76.4</u>	<u>40.72</u>	<u>1.38805</u>	<u>1.39050</u>	<u>106.047</u>	<u>1.39097</u>	<u>11.575</u>	<u>5250.5</u>
76.5	40.77	1.38870	1.39115	106.236	1.39162	11.581	5252.9
76.6	40.82	1.38935	1.39180	106.424	1.39228	11.586	5255.4
76.7	40.87	1.39000	1.39246	106.613	1.39293	11.592	5257.8
76.8	40.92	1.39065	1.39311	106.802	1.39358	11.597	5260.3
76.9	40.97	1.39130	1.39376	106.991	1.39423	11.602	5262.8
77.0	41.01	1.39196	1.39442	107.181	1.39489	11.608	5265.2
77.1	41.06	1.39261	1.39507	107.370	1.39554	11.613	5267.7
77.2	41.11	1.39326	1.39573	107.560	1.39619	11.619	5270.2
77.3	41.16	1.39392	1.39638	107.750	1.39685	11.624	5272.7
<u>77.4</u>	<u>41.21</u>	<u>1.39457</u>	<u>1.39704</u>	<u>107.940</u>	<u>1.39750</u>	<u>11.630</u>	<u>5275.1</u>
77.5	41.26	1.39523	1.39769	108.130	1.39816	11.635	5277.6
77.6	41.31	1.39588	1.39835	108.320	1.39882	11.641	5280.1
77.7	41.36	1.39654	1.39901	108.511	1.39949	11.646	5282.6
77.8	41.40	1.39719	1.39966	108.701	1.40014	11.652	5285.1
77.9	41.45	1.39785	1.40032	108.892	1.40080	11.657	5287.5
78.0	41.50	1.39850	1.40098	109.084	1.40146	11.663	5290.0
78.1	41.55	1.39916	1.40164	109.274	1.40211	11.668	5292.5
78.2	41.60	1.39982	1.40230	109.466	1.40277	11.673	5295.0

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
78.3	41.65	1.40048	1.40295	109.657	1.40344	11.679	5297.5
<u>78.4</u>	<u>41.70</u>	<u>1.40113</u>	<u>1.40361</u>	<u>109.848</u>	<u>1.40409</u>	<u>11.684</u>	<u>5300.0</u>
78.5	41.74	1.40179	1.40427	110.041	1.40475	11.690	5302.5
78.6	41.79	1.40245	1.40493	110.232	1.40541	11.695	5305.0
78.7	41.84	1.40311	1.40559	110.425	1.40607	11.701	5307.5
78.8	41.89	1.40377	1.40625	110.617	1.40674	11.706	5310.0
78.9	41.94	1.40443	1.40691	110.809	1.40740	11.712	5312.5
79.0	41.99	1.40509	1.40758	111.002	1.40806	11.717	5315.0
79.1	42.03	1.40575	1.40824	111.195	1.40872	11.723	5317.5
79.2	42.08	1.40641	1.40890	111.388	1.40938	11.728	5319.9
79.3	42.13	1.40707	1.40956	111.581	1.41005	11.734	5322.5
<u>79.4</u>	<u>42.18</u>	<u>1.40774</u>	<u>1.41023</u>	<u>111.775</u>	<u>1.41072</u>	<u>11.740</u>	<u>5325.0</u>
79.5	42.23	1.40840	1.41089	111.968	1.41138	11.745	5327.5
79.6	42.28	1.40906	1.41155	112.161	1.41204	11.751	5330.0
79.7	42.32	1.40972	1.41222	112.354	1.41270	11.756	5332.5
79.8	42.37	1.41039	1.41288	112.549	1.41337	11.762	5335.0
79.9	42.42	1.41105	1.41355	112.743	1.41404	11.767	5337.5
80.0	42.47	1.41172	1.41421	112.938	1.41471	11.773	5340.0
80.1	42.52	1.41238	1.41488	113.131	1.41537	11.778	5342.5
80.2	42.57	1.41304	1.41554	113.326	1.41603	11.784	5345.0
80.3	42.61	1.41371	1.41621	113.521	1.41670	11.789	5347.6
<u>80.4</u>	<u>42.66</u>	<u>1.41437</u>	<u>1.41688</u>	<u>113.715</u>	<u>1.41737</u>	<u>11.795</u>	<u>5350.1</u>
80.5	42.71	1.41504	1.41754	113.911	1.41804	11.801	5352.6
80.6	42.76	1.41571	1.41821	114.106	1.41872	11.806	5355.1
80.7	42.81	1.41637	1.41888	114.301	1.41937	11.812	5357.7
80.8	42.85	1.41704	1.41955	114.497	1.42004	11.817	5360.2
80.9	42.90	1.41771	1.42022	114.692	1.42072	11.823	5362.7
81.0	42.95	1.41837	1.42088	114.888	1.42138	11.828	5365.2
81.1	43.00	1.41904	1.42155	115.094	1.42205	11.834	5367.8
81.2	43.05	1.41971	1.42222	115.280	1.42272	11.839	5370.3
81.3	43.10	1.42038	1.42289	115.477	1.42339	11.845	5372.8
<u>81.4</u>	<u>43.14</u>	<u>1.42105</u>	<u>1.42356</u>	<u>115.673</u>	<u>1.42406</u>	<u>11.851</u>	<u>5375.4</u>
81.5	43.19	1.42172	1.42423	115.870	1.42474	11.856	5377.9
81.6	43.24	1.42239	1.42490	116.067	1.42541	11.862	5380.4
81.7	43.29	1.42306	1.42558	116.264	1.42608	11.867	5383.0
81.8	43.33	1.42373	1.42625	116.461	1.42675	11.873	5385.5
81.9	43.38	1.42440	1.42692	116.658	1.42742	11.879	5388.0

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
1	2	3	4	5	6	7	8
82.0	43.43	1.42507	1.42759	116.856	1.42810	11.884	5390.6
82.1	43.48	1.42574	1.42827	117.053	1.42878	11.890	5393.1
82.2	43.53	1.42642	1.42894	117.252	1.42946	11.895	5395.7
82.3	43.57	1.42709	1.42961	117.449	1.43013	11.901	5398.2
<u>82.4</u>	<u>43.62</u>	<u>1.42776</u>	<u>1.43029</u>	<u>117.647</u>	<u>1.43080</u>	<u>11.907</u>	<u>5400.8</u>
82.5	43.67	1.42844	1.43096	117.845	1.43148	11.912	5403.3
82.6	43.72	1.42911	1.43164	118.044	1.43214	11.918	5405.9
82.7	43.77	1.42978	1.43231	118.243	1.43282	11.924	5408.4
82.8	43.81	1.43046	1.43298	118.442	1.43350	11.929	5411.0
82.9	43.86	1.43113	1.43366	118.641	1.43417	11.935	5413.5
83.0	43.91	1.43181	1.43434	118.840	1.43486	11.940	5416.1
83.1	43.96	1.43248	1.43502	119.039	1.43553	11.946	5418.7
83.2	44.00	1.43316	1.43569	119.239	1.43621	11.952	5421.2
83.3	44.05	1.43384	1.43637	119.438	1.43688	11.957	5423.7
<u>83.4</u>	<u>44.10</u>	<u>1.43451</u>	<u>1.43705</u>	<u>119.638</u>	<u>1.43756</u>	<u>11.963</u>	<u>5426.3</u>
83.5	44.15	1.43519	1.43773	119.838	1.43824	11.969	5428.9
83.6	44.19	1.43587	1.43841	120.039	1.43894	11.974	5431.5
83.7	44.24	1.43654	1.43908	120.238	1.43961	11.980	5434.0
83.8	44.29	1.43722	1.43298	120.439	1.44029	11.986	5436.6
83.9	44.34	1.43790	1.43366	120.640	1.44097	11.991	5439.2
84.0	44.38	1.43858	1.44112	120.841	1.44165	11.997	5441.7
84.1	44.43	1.43926	1.44180	121.042	1.44234	12.003	5444.3
84.2	44.48	1.43994	1.44249	121.243	1.44302	12.008	5446.9
84.3	44.53	1.44062	1.44317	121.444	1.44370	12.014	5449.5
<u>84.4</u>	<u>44.57</u>	<u>1.44130</u>	<u>1.44385</u>	<u>121.646</u>	<u>1.44438</u>	<u>12.020</u>	<u>5452.0</u>
84.5	44.62	1.44198	1.44453	121.847	1.44507	12.025	5454.6
84.6	44.67	1.44266	1.44521	122.049	1.44575	12.031	5457.2
84.7	44.72	1.44334	1.44590	122.251	1.44643	12.037	5459.8
84.8	44.76	1.44402	1.44658	122.453	1.44712	12.042	5462.3
84.9	44.81	1.44470	1.44726	122.655	1.44780	12.048	5464.9
85.0	44.86	1.44539	1.44794	122.858	1.44848	12.054	5467.5
85.1	44.91	1.44607	1.44863	123.061	1.44917	12.060	5470.1
85.2	44.95	1.44675	1.44931	123.263	1.44985	12.065	5472.7
85.3	45.00	1.44744	1.45000	123.466	1.45054	12.071	5475.3
<u>85.4</u>	<u>45.05</u>	<u>1.44812</u>	<u>1.45068</u>	<u>123.670</u>	<u>1.45123</u>	<u>12.077</u>	<u>5477.9</u>
85.5	45.09	1.44881	1.45137	123.873	1.45191	12.082	5480.5
85.6	45.14	1.44949	1.45205	124.076	1.45260	12.088	5483.1
85.7	45.19	1.45018	1.45274	124.280	1.45329	12.094	5485.6

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
85.8	45.24	1.45086	1.45343	124.484	1.45397	12.099	5488.2
85.9	45.28	1.45154	1.45411	124.688	1.45466	12.105	5490.8
86.0	45.33	1.45223	1.45480	124.892	1.45535	12.111	5493.4
86.1	45.38	1.45292	1.45549	125.096	1.45604	12.117	5496.0
86.2	45.42	1.45360	1.45618	125.301	1.45673	12.122	5498.6
86.3	45.47	1.45429	1.45686	125.505	1.45741	12.128	5501.2
<u>86.4</u>	<u>45.52</u>	<u>1.45498</u>	<u>1.45755</u>	<u>125.710</u>	<u>1.45810</u>	<u>12.134</u>	<u>5503.8</u>
86.5	45.57	1.45567	1.45824	125.915	1.45879	12.140	5506.4
86.6	45.61	1.45636	1.45893	126.121	1.45949	12.145	5509.1
86.7	45.66	1.45704	1.45962	126.326	1.46018	12.151	5511.7
86.8	45.71	1.45773	1.46031	126.531	1.46087	12.157	5514.3
86.9	45.75	1.45842	1.46100	126.737	1.46156	12.163	5516.9
87.0	45.80	1.45911	1.46170	126.943	1.46225	12.168	5519.5
87.1	45.85	1.45980	1.46239	127.149	1.46294	12.174	5522.1
87.2	45.89	1.46050	1.46308	127.355	1.46364	12.180	5524.7
87.3	45.94	1.46119	1.46377	127.562	1.46433	12.186	5527.3
<u>87.4</u>	<u>45.99</u>	<u>1.46188</u>	<u>1.46446</u>	<u>127.768</u>	<u>1.46502</u>	<u>12.191</u>	<u>5530.0</u>
87.5	46.03	1.46257	1.46516	127.975	1.46572	12.197	5532.6
87.6	46.08	1.46326	1.46585	128.182	1.46641	12.203	5535.2
87.7	46.13	1.46395	1.46654	128.389	1.46710	12.209	5537.8
87.8	46.17	1.46464	1.46724	128.596	1.46780	12.215	5540.4
87.9	46.22	1.46534	1.46793	128.803	1.46849	12.220	5543.0
88.0	46.27	1.46603	1.46862	129.011	1.46919	12.226	5545.6
88.1	46.31	1.46673	1.46932	129.219	1.46989	12.232	5548.3
88.2	46.36	1.46742	1.47002	129.426	1.47058	12.238	5550.9
88.3	46.41	1.46812	1.47071	129.635	1.47128	12.243	5553.6
<u>88.4</u>	<u>46.45</u>	<u>1.46881</u>	<u>1.47141</u>	<u>129.843</u>	<u>1.47198</u>	<u>12.249</u>	<u>5556.2</u>
88.5	46.50	1.46950	1.47210	130.051	1.47267	12.255	5558.8
88.6	46.55	1.47020	1.47280	130.260	1.47337	12.261	5561.5
88.7	46.59	1.47090	1.47350	130.468	1.47407	12.267	5564.1
88.8	46.64	1.47159	1.47420	130.677	1.47477	12.273	5566.7
88.9	46.69	1.47229	1.47489	130.886	1.47547	12.278	5569.4
89.0	46.73	1.47299	1.47559	131.096	1.47616	12.284	5572.0
89.1	46.78	1.47368	1.47629	131.305	1.47686	12.290	5574.6
89.2	46.83	1.47438	1.47699	131.515	1.47756	12.296	5577.3
89.3	46.87	1.47508	1.47769	131.725	1.47826	12.302	5579.9
<u>89.4</u>	<u>46.92</u>	<u>1.47578</u>	<u>1.47839</u>	<u>131.935</u>	<u>1.47897</u>	<u>12.307</u>	<u>5582.6</u>



Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
89.5	46.97	1.47648	1.47909	132.145	1.47967	12.313	5585.2
89.6	47.01	1.47718	1.47979	132.355	1.48037	12.319	5587.9
89.7	47.06	1.47788	1.48049	132.565	1.48107	12.325	5590.5
89.8	47.11	1.47858	1.48119	132.776	1.48177	12.331	5593.2
89.9	47.15	1.47928	1.48189	132.987	1.48247	12.337	5595.8
90.0	47.20	1.47998	1.48259	133.198	1.48317	12.342	5598.4
90.1	47.24	1.48068	1.48330	133.409	1.48388	12.348	5601.1
90.2	47.29	1.48138	1.48400	133.620	1.48458	12.354	5603.8
90.3	47.34	1.48208	1.48470	133.832	1.48529	12.360	5606.4
<u>90.4</u>	<u>47.38</u>	<u>1.48278</u>	<u>1.48540</u>	<u>134.043</u>	<u>1.48599</u>	<u>12.366</u>	<u>5609.1</u>
90.5	47.43	1.48348	1.48611	134.255	1.48669	12.372	5611.7
90.6	47.48	1.48419	1.48681	134.467	1.48740	12.378	5614.4
90.7	47.52	1.48489	1.48752	134.680	1.48810	12.383	5617.1
90.8	47.57	1.48559	1.48822	134.892	1.48881	12.389	5619.7
90.9	47.61	1.48630	1.48893	135.104	1.48951	12.395	5622.4
91.0	47.66	1.48700	1.48963	135.317	1.49022	12.401	5625.1
91.1	47.71	1.48771	1.49034	135.530	1.49093	12.407	5627.7
91.2	47.75	1.48841	1.49104	135.743	1.49164	12.413	5630.4
91.3	47.80	1.48912	1.49175	135.956	1.49234	12.419	5633.1
<u>91.4</u>	<u>47.84</u>	<u>1.48982</u>	<u>1.49246</u>	<u>136.170</u>	<u>1.49305</u>	<u>12.425</u>	<u>5635.8</u>
91.5	47.89	1.49053	1.49316	136.383	1.49376	12.431	5638.4
91.6	47.94	1.49123	1.49387	136.597	1.49447	12.437	5641.1
91.7	47.98	1.49194	1.49458	136.811	1.49518	12.442	5643.8
91.8	48.03	1.49265	1.49529	137.025	1.49588	12.448	5646.5
91.9	48.08	1.49336	1.49600	137.239	1.49659	12.454	5649.1
92.0	48.12	1.49406	1.49671	137.454	1.49730	12.460	5651.8
92.1	48.17	1.49477	1.49741	137.668	1.49801	12.466	5654.5
92.2	48.21	1.49548	1.49812	137.883	1.49872	12.472	5657.2
92.3	48.26	1.49619	1.49883	138.098	1.49944	12.478	5659.9
<u>92.4</u>	<u>48.30</u>	<u>1.49690</u>	<u>1.49954</u>	<u>138.313</u>	<u>1.50015</u>	<u>12.484</u>	<u>5662.5</u>
92.5	48.35	1.49761	1.50026	138.529	1.50086	12.490	5665.2
92.6	48.40	1.49832	1.50097	138.744	1.50157	12.496	5667.9
92.7	48.44	1.49903	1.50168	138.960	1.50228	12.502	5670.6
92.8	48.49	1.49974	1.50239	139.176	1.50299	12.507	5673.3
92.9	48.53	1.50045	1.50310	139.392	1.50371	12.513	5676.0
93.0	48.58	1.50116	1.50381	139.608	1.50442	12.519	5678.6
93.1	48.62	1.50187	1.50453	139.824	1.50513	12.525	5681.3

Percent sucrose by weight (Brix)	Baumé m=145	True density 20°/4°C	True specific gravity 20°/20°C	Grams of sucrose per 100 ml of solution, in vacuum	Apparent specific gravity 20°/20°C	Weight per U.S. Gallon in air at 20°C	
						(Pounds)	(Grams)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
93.2	48.67	1.50258	1.50524	140.041	1.50585	12.531	5684.0
93.3	48.72	1.50329	1.50595	140.257	1.50656	12.537	5686.7
<u>93.4</u>	<u>48.76</u>	<u>1.50401</u>	<u>1.50667</u>	<u>140.474</u>	<u>1.50728</u>	<u>12.543</u>	<u>5689.4</u>
93.5	48.81	1.50472	1.50738	140.691	1.50799	12.549	5692.1
93.6	48.85	1.50543	1.50810	140.908	1.50871	12.555	5694.9
93.7	48.90	1.50615	1.50881	141.126	1.50942	12.561	5697.6
93.8	48.94	1.50686	1.50952	141.343	1.51014	12.567	5700.3
93.9	48.99	1.50757	1.51024	141.561	1.51086	12.573	5703.0
94.0	49.03	1.50829	1.51096	141.779	1.51157	12.579	5705.7
94.1	49.08	1.50900	1.51167	141.997	1.51229	12.585	5708.4
94.2	49.12	1.50972	1.51239	142.216	1.51301	12.591	5711.1
94.3	49.17	1.51044	1.51311	142.434	1.51372	12.597	5713.8
<u>94.4</u>	<u>49.22</u>	<u>1.51115</u>	<u>1.51382</u>	<u>142.653</u>	<u>1.51444</u>	<u>12.603</u>	<u>5716.5</u>
94.5	49.26	1.51187	1.51454	142.872	1.51516	12.609	5719.2
94.6	49.31	1.51258	1.51526	143.091	1.51588	12.615	5721.9
94.7	49.35	1.51330	1.51598	143.310	1.51660	12.621	5724.7
94.8	49.40	1.51402	1.51670	143.529	1.51732	12.627	5727.4
94.9	49.44	1.51474	1.51742	143.749	1.51804	12.633	5730.1
95.0	49.49	1.51546	1.51814	143.968	1.51876	12.639	5732.8

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

62.25  
62.27  
62.30  
62.32  
62.35  
62.37  
62.40  
62.42  
62.44  
62.47

62.49  
62.52  
62.54  
62.57  
62.59  
62.61  
62.64  
62.66  
62.69  
62.71

62.74  
62.76  
62.78  
62.81  
62.83  
62.86  
62.88  
62.91  
62.93  
62.96

62.98  
63.01  
63.03  
63.05  
63.08  
63.10  
63.13  
63.15

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

63.18  
63.20

63.23  
63.25  
63.28  
63.30  
63.33  
63.35  
63.38  
63.40  
63.43  
63.45

63.48  
63.51  
63.53  
63.55  
63.58  
63.60  
63.63  
63.65  
63.68  
63.70

63.73  
63.75  
63.78  
63.80  
63.83  
63.85  
63.88  
63.90  
63.93  
63.95

63.98  
64.00  
64.03  
64.05  
64.08

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

64.10
64.13
64.15
64.18
64.20

64.23
64.26
64.28
64.31
<u>64.33</u>
64.36
64.38
64.41
64.43
64.46

64.49
64.51
64.54
64.56
<u>64.59</u>
64.61
64.64
64.67
64.69
64.72

64.74
64.77
64.79
64.82
<u>64.85</u>
64.87
64.90
64.92
64.95
64.97

65.00
65.03

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

65.05
65.08
<u>65.11</u>
65.13
65.16
65.18
65.21
65.24

65.26
65.29
65.31
65.34
<u>65.37</u>
65.39
65.42
65.44
65.47
65.50

65.52
65.55
65.58
65.60
<u>65.63</u>
65.66
65.68
65.71
65.74
65.76

65.79
65.82
65.84
65.87
<u>65.90</u>
65.92
65.95
65.97
66.00
66.03

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

66.05  
66.08  
66.11  
66.14  
66.16  
66.19  
66.22  
66.24  
66.27  
66.30

66.32  
66.35  
66.38  
66.40  
66.43  
66.46  
66.49  
66.51  
66.54  
66.57

66.59  
66.62  
66.65  
66.67  
66.70  
66.73  
66.76  
66.78  
66.81  
66.84

66.87  
66.89  
66.92  
66.95  
66.97  
67.00  
67.03

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

67.06
67.08
67.11

67.14
67.17
67.19
67.22
<u>67.25</u>
67.28
67.30
67.33
67.36
67.39

67.42
67.44
67.47
67.50
<u>67.53</u>
67.55
67.58
67.61
67.64
67.67

67.69
67.72
67.75
67.78
<u>67.81</u>
67.83
67.86
67.89
67.92
67.95

67.97
68.00
68.03
68.06



Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

68.09
68.11
68.14
68.17
68.20
68.23

68.26
68.28
68.31
68.34
68.37
68.40
68.43
68.46
68.48
68.51

68.54
68.57
68.60
68.63
<u>68.65</u>
68.68
68.71
68.74
68.77
68.80

68.83
68.86
68.88
68.91
<u>68.94</u>
68.97
69.00
69.03
69.06
69.09

69.11
-------

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

69.14  
69.17  
69.20  
69.23  
69.26  
69.29  
69.32  
69.35  
69.38

69.41  
69.43  
69.46  
69.49  
69.52  
69.55  
69.58  
69.61  
69.64  
69.67

69.70  
69.73  
69.76  
69.79  
69.82  
69.83  
69.88  
69.90  
69.93  
69.96

69.99  
70.02  
70.05  
70.05  
70.11  
70.14  
70.17  
70.20  
70.23

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

70.26
-------

70.29
70.32
70.35
70.38
<u>70.41</u>
70.44
70.47
70.50
70.53
70.56

70.59
70.62
70.65
70.68
<u>70.71</u>
70.74
70.77
70.80
70.83
70.86

70.89
70.92
70.95
70.98
<u>71.01</u>
71.04
71.07
71.10
71.13
71.16

71.19
71.22
71.25
71.28
<u>71.31</u>
71.34

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

71.38  
71.41  
71.44  
71.47

71.50  
71.53  
71.56  
71.59  
71.62  
71.65  
71.68  
71.71  
71.74  
71.77

71.81  
71.84  
71.87  
71.90  
71.93  
71.96  
71.99  
72.02  
72.05  
72.08

72.11  
72.15  
72.18  
72.21  
72.24  
72.27  
72.30  
72.34  
72.37  
72.40

72.43  
72.46  
72.49

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

72.52  
72.55  
72.58  
72.62  
72.65  
72.68  
72.71

72.74  
72.77  
72.80  
72.84  
72.87  
72.90  
72.93  
72.96  
72.99  
73.03

73.05  
73.09  
73.12  
73.15  
73.18  
73.22  
73.25  
73.28  
73.32  
73.35

73.38  
73.41  
73.44  
73.47  
73.51  
73.54  
73.57  
73.60  
73.63  
73.67

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

73.70  
73.73  
73.76  
73.80  
73.83  
73.86  
73.89  
73.92  
73.96  
73.99

74.02  
74.05  
74.09  
74.12  
74.15  
74.18  
74.22  
74.25  
74.28  
74.32

74.35  
74.38  
74.41  
74.45  
74.48  
74.51  
74.54  
74.58  
74.61  
74.64

74.68  
74.71  
74.74  
74.77  
74.81  
74.84  
74.87  
74.91

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

74.94  
74.97

75.01  
75.04  
75.07  
75.11  
75.14  
75.17  
75.21  
75.24  
75.27  
75.31

75.34  
75.37  
75.41  
75.44  
75.47  
75.51  
75.54  
75.57  
75.61  
75.64

75.67  
75.71  
75.74  
75.78  
75.81  
75.84  
75.88  
75.91  
75.94  
75.98

76.01  
76.05  
76.08  
76.11  
76.15

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

76.18
76.22
76.25
76.28
76.32

76.35
76.39
76.42
76.45
<u>76.49</u>
76.52
76.56
76.59
76.63
76.66

76.69
76.73
76.76
76.80
<u>76.83</u>
76.87
76.90
76.93
76.97
77.00

77.04
77.07
77.11
77.14
<u>77.18</u>
77.21
77.25
77.28
77.32
77.35

77.39
77.42



Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

77.46  
77.49  
77.53  
77.56  
77.59  
77.63  
77.66  
77.70

77.72  
77.77  
77.80  
77.84  
77.88  
77.91  
77.95  
77.98  
78.02  
78.05

78.09  
78.12  
78.16  
78.19  
78.23  
78.26  
78.30  
78.33  
78.37  
78.40

78.44  
78.48  
78.51  
78.55  
78.58  
78.62  
78.65  
78.69  
78.73  
78.76

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

78.80  
78.83  
78.87  
78.90  
78.94  
78.98  
79.01  
79.05  
79.08  
79.12

79.15  
79.19  
79.23  
79.26  
79.30  
79.34  
79.37  
79.41  
79.44  
79.48

79.52  
79.55  
79.59  
79.63  
79.66  
79.70  
79.73  
79.77  
79.81  
79.84

79.88  
79.92  
79.95  
79.99  
80.03  
80.06  
80.10

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

80.14
80.17
80.21

80.25
80.28
80.32
80.36
<u>80.39</u>
80.43
80.47
80.50
80.54
80.58

80.61
80.65
80.69
80.73
<u>80.76</u>
80.80
80.84
80.87
80.91
80.95

80.99
81.02
81.06
81.10
<u>81.13</u>
81.17
81.21
81.25
81.29
81.32

81.36
81.40
81.43
81.47

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

81.51
81.55
81.58
81.62
81.66
81.70

81.73
81.77
81.81
81.85
81.88
81.92
81.96
82.00
82.04
82.07

82.11
82.15
82.19
82.23
<u>82.26</u>
82.30
82.34
82.38
82.42
82.45

82.49
82.53
82.57
82.61
<u>82.64</u>
82.68
82.72
82.76
82.80
82.84

82.87
-------

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

82.91  
82.95  
82.99  
83.03  
83.07  
83.11  
83.14  
83.18  
83.22

83.26  
83.30  
83.34  
83.38  
83.41  
83.45  
83.49  
83.53  
83.57  
83.61

83.65  
83.69  
83.72  
83.76  
83.80  
83.84  
83.88  
83.92  
83.96  
84.00

84.04  
84.08  
84.12  
84.15  
84.19  
84.23  
84.27  
84.31  
84.35

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

84.39
-------

84.43
84.47
84.51
84.55
<u>84.59</u>
84.63
84.67
84.71
84.74
84.78

84.82
84.86
84.90
84.94
<u>84.98</u>
85.02
85.06
85.10
85.14
85.18

85.22
85.26
85.30
85.34
<u>85.38</u>
85.42
85.46
85.50
85.54
85.58

85.62
85.66
85.70
85.74
<u>85.78</u>
85.82

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

85.86
85.90
85.94
85.98

86.02
86.06
86.10
86.14
<u>86.18</u>
86.22
86.26
86.31
86.35
86.39

86.43
86.47
86.51
86.55
<u>86.59</u>
86.63
86.67
86.71
86.75
86.79

86.83
86.87
86.92
86.95
<u>87.00</u>
87.04
87.08
87.12
87.16
87.20

0.00
87.25
87.28
87.32

Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

87.36
<u>87.40</u>
87.45
87.48
87.53
87.57
87.61
0.00
87.65
87.69
87.73
87.78
<u>87.82</u>
87.86
87.90
87.94
87.99
88.02
88.07
88.11
88.15
88.19
<u>88.23</u>
88.27
88.32
88.36
88.40
88.44
88.48
88.52
88.57
88.61
<u>88.65</u>
88.69
88.73
88.77
88.82
88.86



Weight  
per cubic  
foot in air  
at 20°C  
(Pounds)

**9**

88.90  
88.94  
88.98  
89.03  
89.07  
89.11  
89.15  
89.19  
89.24  
89.28

89.32  
89.36  
89.41  
89.45  
89.49  
89.53  
89.57  
89.62  
89.66  
89.70

89.74  
89.79  
89.83  
89.87  
89.92  
89.95  
90.00  
90.04  
90.08  
90.13

90.17  
90.21  
90.25  
90.30  
90.34  
90.38  
90.42  
90.47

Weight per cubic foot in air at 20°C (Pounds)
---

<b>9</b>
----------

90.51
90.55

90.60
90.64
90.68
90.72
<u>90.77</u>
90.81
90.85
90.90
90.94
90.98

91.03
91.08
91.11
91.16
<u>91.20</u>
91.24
91.28
91.33
91.37
91.41

91.46
91.50
91.54
91.59
<u>91.63</u>
91.67
91.72
91.76
91.80
91.85

91.89
91.94
91.98
92.02
<u>92.07</u>

Weight per cubic foot in air at 20°C (Pounds)
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<b>9</b>
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92.11
92.15
92.20
92.24
92.28

92.33
92.37
92.42
92.46
<u>92.50</u>
92.55
92.59
92.64
92.68
92.72

92.77
92.81
92.86
92.90
<u>92.94</u>
92.99
93.03
93.08
93.12
93.16

93.21
93.25
93.30
93.34
<u>93.38</u>
93.43
93.47
93.52
93.56
93.61

93.65
93.70

Weight per cubic foot in air at 20°C (Pounds)
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<b>9</b>
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93.74
93.78
<u>93.83</u>
93.87
93.92
93.96
94.01
94.05

94.10
94.14
94.19
94.23
<u>94.28</u>
94.32
94.36
94.41
94.45
94.50

94.54
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