Sucrose Solution Percent by Weight Concentration (Brix Value) Versus Refractive Index at 20 Celsius and 589nm Wavelength (per ICUMSA)

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0	1.33299	1.33313	1.33327	1.33342	1.33356	1.33370	1.33385	1.33399	1.33413	1.33428
1	1.33442	1.33456	1.33471	1.33485	1.33500	1.33514	1.33529	1.33543	1.33558	1.33572
2	1.33587	1.33601	1.33616	1.33630	1.33645	1.33659	1.33674	1.33688	1.33703	1.33717
3	1.33732	1.33747	1.33761	1.33776	1.33791	1.33805	1.33820	1.33835	1.33849	1.33864
4	1.33879	1.33893	1.33908	1.33923	1.33938	1.33952	1.33967	1.33982	1.33997	1.34012
5	1.34026	1.34041	1.34056	1.34071	1.34086	1.34101	1.34116	1.34131	1.34146	1.34160
6	1.34175	1.34190	1.34205	1.34220	1.34235	1.34250	1.34265	1.34280	1.34295	1.34310
7	1.34325	1.34341	1.34356	1.34371	1.34386	1.34401	1.34416	1.34431	1.34446	1.34461
8	1.34477	1.34492	1.34507	1.34522	1.34537	1.34553	1.34568	1.34583	1.34598	1.34614
9	1.34629	1.34644	1.34660	1.34675	1.34690	1.34706	1.34721	1.34736	1.34752	1.34767
10	1.34783	1.34798	1.34813	1.34829	1.34844	1.34860	1.34875	1.34891	1.34906	1.34922
11	1.34937	1.34953	1.34968	1.34984	1.34999	1.35015	1.35031	1.35046	1.35062	1.35077
12	1.35093	1.35109	1.35124	1.35140	1.35156	1.35172	1.35187	1.35203	1.35219	1.35234
13	1.35250	1.35266	1.35282	1.35298	1.35313	1.35329	1.35345	1.35361	1.35377	1.35393
14	1.35409	1.35424	1.35440	1.35456	1.35472	1.35488	1.35504	1.35520	1.35536	1.35552
15	1.35568	1.35584	1.35600	1.35616	1.35632	1.35648	1.35664	1.35680	1.35697	1.35713
16	1.35729	1.35745	1.35761	1.35777	1.35793	1.35810	1.35826	1.35842	1.35858	1.35875
17	1.35891	1.35907	1.35923	1.35940	1.35956	1.35972	1.35989	1.36005	1.36021	1.36038
18	1.36054	1.36070	1.36087	1.36103	1.36120	1.36136	1.36153	1.36169	1.36186	1.36202
19	1.36219	1.36235	1.36252	1.36268	1.36285	1.36301	1.36318	1.36334	1.36351	1.36368
20	1.36384	1.36401	1.36418	1.36434	1.36451	1.36468	1.36484	1.36501	1.36518	1.36535
21	1.36551	1.36568	1.36585	1.36602	1.36619	1.36635	1.36652	1.36669	1.36686	1.36703
22	1.36720	1.36737	1.36754	1.36771	1.36788	1.36804	1.36821	1.36838	1.36855	1.36872
23	1.36889	1.36907	1.36924	1.36941	1.36958	1.36975	1.36992	1.37009	1.37026	1.37043
24	1.37060	1.37078	1.37095	1.37112	1.37129	1.37147	1.37164	1.37181	1.37198	1.37216
25	1.37233	1.37250	1.37267	1.37285	1.37302	1.37320	1.37337	1.37354	1.37372	1.37389
26	1.37407	1.37424	1.37441	1.37459	1.37476	1.37494	1.37511	1.37529	1.37546	1.37564
27	1.37582	1.37599	1.37617	1.37634	1.37652	1.37670	1.37687	1.37705	1.37723	1.37740
28	1.37758	1.37776	1.37793	1.37811	1.37829	1.37847	1.37865	1.37882	1.37900	1.37918
29	1.37936	1.37954	1.37972	1.37989	1.38007	1.38025	1.38043	1.38061	1.38079	1.38097
30	1.38115	1.38133	1.38151	1.38169	1.38187	1.38205	1.38223	1.38241	1.38259	1.38277
31	1.38296	1.38314	1.38332	1.38350	1.38368	1.38386	1.38405	1.38423	1.38441	1.38459
32	1.38478	1.38496	1.38514	1.38532	1.38551	1.38569	1.38588	1.38606	1.38624	1.38643
33	1.38661	1.38679	1.38698	1.38716	1.38735	1.38753	1.38772	1.38790	1.38809	1.38827
34	1.38846	1.38865	1.38883	1.38902	1.38920	1.38939	1.38958	1.38976	1.38995	1.39014
35	1.39032	1.39051	1.39070	1.39088	1.39107	1.39126	1.39145	1.39164	1.39182	1.39201
36	1.39220	1.39239	1.39258	1.39277	1.39296	1.39315	1.39333	1.39352	1.39371	1.39390
37	1.39409	1.39428	1.39447	1.39466	1.39485	1.39505	1.39524	1.39543	1.39562	1.39581
38	1.39600	1.39619	1.39638	1.39658	1.39677	1.39696	1.39715	1.39734	1.39754	1.39773
39	1.39792	1.39812	1.39831	1.39850	1.39870	1.39889	1.39908	1.39928	1.39947	1.39967
40	1.39986	1.40006	1.40025	1.40044	1.40064	1.40084	1.40103	1.40123	1.40142	1.40162
41	1.40181	1.40201	1.40221	1.40240	1.40260	1.40280	1.40299	1.40319	1.40339	1.40358
42	1.40378	1.40398	1.40418	1.40437	1.40457	1.40477	1.40497	1.40517	1.40537	1.40557
43	1.40576	1.40596	1.40616	1.40636	1.40656	1.40676	1.40696	1.40716	1.40736	1.40756
44	1.40776	1.40796	1.40817	1.40837	1.40857	1.40877	1.40897	1.40917	1.40937	1.40958

Sucrose Solution Percent by Weight Concentration (Brix Value) Versus Refractive Index at 20 Celsius and 589nm Wavelength (per ICUMSA)

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
45	1.40978	1.40998	1.41018	1.41039	1.41059	1.41079	1.41099	1.41120	1.41140	1.41160
46	1.41181	1.41201	1.41222	1.41242	1.41262	1.41283	1.41303	1.41324	1.41344	1.41365
47	1.41385	1.41406	1.41427	1.41447	1.41468	1.41488	1.41509	1.41530	1.41550	1.41571
48	1.41592	1.41612	1.41633	1.41654	1.41675	1.41695	1.41716	1.41737	1.41758	1.41779
49	1.41799	1.41820	1.41841	1.41862	1.41883	1.41904	1.41925	1.41946	1.41967	1.41988
50	1.42009	1.42030	1.42051	1.42072	1.42093	1.42114	1.42135	1.42156	1.42177	1.42199
51	1.42220	1.42241	1.42262	1.42283	1.42305	1.42326	1.42347	1.42368	1.42390	1.42411
52	1.42432	1.42454	1.42475	1.42497	1.42518	1.42539	1.42561	1.42582	1.42604	1.42625
53	1.42647	1.42668	1.42690	1.42711	1.42733	1.42754	1.42776	1.42798	1.42819	1.42841
54	1.42863	1.42884	1.42906	1.42928	1.42949	1.42971	1.42993	1.43015	1.43036	1.43058
55	1.43080	1.43102	1.43124	1.43146	1.43168	1.43190	1.43211	1.43233	1.43255	1.43277
56	1.43299	1.43321	1.43343	1.43365	1.43387	1.43410	1.43432	1.43454	1.43476	1.43498
57	1.43520	1.43542	1.43565	1.43587	1.43609	1.43631	1.43654	1.43676	1.43698	1.43720
58	1.43743	1.43765	1.43787	1.43810	1.43832	1.43855	1.43877	1.43900	1.43922	1.43944
59	1.43967	1.43989	1.44012	1.44035	1.44057	1.44080	1.44102	1.44125	1.44148	1.44170
60	1.44193	1.44216	1.44238	1.44261	1.44284	1.44306	1.44329	1.44352	1.44375	1.44398
61	1.44420	1.44443	1.44466	1.44489	1.44512	1.44535	1.44558	1.44581	1.44604	1.44627
62	1.44650	1.44673	1.44696	1.44719	1.44742	1.44765	1.44788	1.44811	1.44834	1.44858
63	1.44881	1.44904	1.44927	1.44950	1.44974	1.44997	1.45020	1.45043	1.45067	1.45090
64	1.45113	1.45137	1.45160	1.45184	1.45207	1.45230	1.45254	1.45277	1.45301	1.45324
65	1.45348	1.45371	1.45395	1.45419	1.45442	1.45466	1.45489	1.45513	1.45537	1.45560
66	1.45584	1.45608	1.45631	1.45655	1.45679	1.45703	1.45726	1.45750	1.45774	1.45798
67	1.45822	1.45846	1.45870	1.45893	1.45917	1.45941	1.45965	1.45989	1.46013	1.46037
68	1.46061	1.46085	1.46109	1.46134	1.46158	1.46182	1.46206	1.46230	1.46254	1.46278
69	1.46303	1.46327	1.46351	1.46375	1.46400	1.46424	1.46448	1.46473	1.46497	1.46521
70	1.46546	1.46570	1.46594	1.46619	1.46643	1.46668	1.46692	1.46717	1.46741	1.46766
71	1.46790	1.46815	1.46840	1.46864	1.46889	1.46913	1.46938	1.46963	1.46987	1.47012
72	1.47037	1.47062	1.47086	1.47111	1.47136	1.47161	1.47186	1.47210	1.47235	1.47260
73	1.47285	1.47310	1.47335	1.47360	1.47385	1.47410	1.47435	1.47460	1.47485	1.47510
74	1.47535	1.47560	1.47585	1.47610	1.47635	1.47661	1.47686	1.47711	1.47736	1.47761
75	1.47787	1.47812	1.47837	1.47862	1.47888	1.47913	1.47938	1.47964	1.47989	1.48015
76	1.48040	1.48065	1.48091	1.48116	1.48142	1.48167	1.48193	1.48218	1.48244	1.48270
77	1.48295	1.48321	1.48346	1.48372	1.48398	1.48423	1.48449	1.48475	1.48501	1.48526
78	1.48552	1.48578	1.48604	1.48629	1.48655	1.48681	1.48707	1.48733	1.48759	1.48785
79	1.48811	1.48837	1.48863	1.48889	1.48915	1.48941	1.48967	1.48993	1.49019	1.49045
80	1.49071	1.49097	1.49123	1.49149	1.49175	1.49202	1.49228	1.49254	1.49280	1.49307
81	1.49333	1.49359	1.49386	1.49412	1.49438	1.49465	1.49491	1.49517	1.49544	1.49570
82	1.49597	1.49623	1.49650	1.49676	1.49703	1.49729	1.49756	1.49782	1.49809	1.49835
83	1.49862	1.49889	1.49915	1.49942	1.49969	1.49995	1.50022	1.50049	1.50076	1.50102
84	1.50129	1.50156	1.50183	1.50210	1.50237	1.50263	1.50290	1.50317	1.50344	1.50371
85	1.50398	1.50425	1.50452	1.50479	1.50506	1.50533	1.50560	1.50587	1.50614	1.50641