Correlation table* of the different measurements of the sugar concentration in musts

°Bx		°Oe	°B		Alcohol by volume according to the yield of alcohol (sugars for 1% vol. of alcohol)		
Degree Brix	Density	Degree Oechsle	Degree Baumé	Sugars (g/L)	16.83 g/L	17 g/L	18 g/L
32.0	1.1389	138.9	17.596	334.5	19.88	19.68	18.58
31.8	1.1379	137.9	17.488	332.1	19.73	19.54	18.45
31.6	1.1369	136.9	17.380	329.6	19.58	19.39	18.31
31.4	1.1359	135.9	17.271	327.2	19.44	19.25	18.18
31.2	1.1350	135.0	17.163	324.7	19.29	19.10	18.04
31.0	1.1340	134.0	17.054	322.3	19.15	18.96	17.91
30.8	1.1330	133.0	16.946	319.8	19.00	18.81	17.77
30.6	1.1321	132.1	16.837	317.4	18.86	18.67	17.63
30.4	1.1311	131.1	16.729	315.0	18.72	18.53	17.50
30.2	1.1302	130.2	16.620	312.6	18.57	18.39	17.37
30.0	1.1292	129.2	16.512	310.1	18.43	18.24	17.23
29.8	1.1282	128.2	16.403	307.1	18.25	18.06	17.06
29.6	1.1273	127.3	16.295	304.7	18.10	17.92	16.93
29.4	1.1263	126.3	16.186	302.3	17.96	17.78	16.79
29.2	1.1254	125.4	16.077	299.9	17.82	17.64	16.66
29.0	1.1244	124.4	15.969	297.5	17.68	17.50	16.53
28.8	1.1235	123.5	15.860	295.7	17.57	17.39	16.43
28.6	1.1225	122.5	15.751	293.5	17.44	17.26	16.31
28.4	1.1216	121.6	15.643	292.7	17.39	17.22	16.26
28.2	1.1206	120.6	15.534	289.7	17.21	17.04	16.09
28.0	1.1197	119.7	15.425	287.3	17.07	16.90	15.96
27.8	1.1187	118.7	15.316	284.9	16.93	16.76	15.83
27.6	1.1178	117.8	15.208	282.5	16.79	16.62	15.69
27.4	1.1168	116.8	15.099	280.1	16.64	16.48	15.56
27.2	1.1159	115.9	14.990	277.8	16.51	16.34	15.43
27.0	1.1150	115.0	14.881	274.8	16.33	16.16	15.27
26.8	1.1140	114.0	14.772	272.4	16.19	16.02	15.13
26.6	1.1131	113.1	14.663	271.2	16.11	15.95	15.07
26.4	1.1122	112.2	14.554	267.7	15.91	15.75	14.87
26.2	1.1112	111.2	14.445	265.3	15.76	15.61	14.74
26.0	1.1103	110.3	14.337	263.0	15.63	15.47	14.61
25.8	1.1094	109.4	14.228	260.0	15.45	15.29	14.44
25.6	1.1084	108.4	14.119	258.8	15.38	15.22	14.38
25.4	1.1075	107.5	14.010	256.5	15.24	15.09	14.25
25.2	1.1066	106.6	13.901	255.3	15.17	15.02	14.18
25.0	1.1057	105.7	13.791	253.0	15.03	14.88	14.06
24.8	1.1047	104.7	13.682	250.1	14.86	14.71	13.89
24.6	1.1038	103.8	13.573	247.7	14.72	14.57	13.76
24.4	1.1029	102.9	13.464	244.8	14.55	14.40	13.60
24.2	1.1020	102.0	13.355	242.5	14.41	14.26	13.47

** These concentrations are approximate due to the composition of musts. Values for a measurement at 20° C (68°F).*

°Bx		°Oe	°B		Alcohol by volume according to the yield of alcohol (sugars for 1% vol. of alcohol)		
Degree Brix	Density	Degree Oechsle	Degree Baumé	Sugars (g/L)	16.83 g/L	17 g/L	18 g/L
24.0	1.1011	101.1	13.246	240.1	14.27	14.12	13.34
23.8	1.1001	100.1	13.137	237.8	14.13	13.99	13.21
23.6	1.0992	99.2	13.028	235.5	13.99	13.85	13.08
23.4	1.0983	98.3	12.918	232.6	13.82	13.68	12.92
23.2	1.0974	97.4	12.809	230.3	13.68	13.54	12.79
23.0	1.0965	96.5	12.700	228.5	13.58	13.44	12.69
22.8	1.0956	95.6	12.591	226.2	13.44	13.31	12.57
22.6	1.0947	94.7	12.481	225.1	13.37	13.24	12.51
22.4	1.0938	93.8	12.372	222.8	13.24	13.11	12.38
22.2	1.0929	92.9	12.263	220.5	13.10	12.97	12.25
22.0	1.0920	92.0	12.153	217.6	12.93	12.80	12.09
21.8	1.0911	91.1	12.044	215.3	12.79	12.66	11.96
21.6	1.0901	90.1	11.935	212.4	12.62	12.49	11.80
21.4	1.0892	89.2	11.825	210.1	12.48	12.36	11.67
21.2	1.0884	88.4	11.716	207.8	12.35	12.22	11.54
21.0	1.0875	87.5	11.606	206.7	12.28	12.16	11.48
20.8	1.0866	86.6	11.497	202.7	12.04	11.92	11.26
20.6	1.0857	85.7	11.387	202.1	12.01	11.89	11.23
20.4	1.0848	84.8	11.278	199.8	11.87	11.75	11.10
20.2	1.0839	83.9	11.168	197.6	11.74	11.62	10.98
20.0	1.0830	83.0	11.059	195.3	11.60	11.49	10.85
19.8	1.0821	82.1	10.949	191.9	11.40	11.29	10.66
19.6	1.0812	81.2	10.839	190.2	11.30	11.19	10.57
19.4	1.0803	80.3	10.730	187.4	11.13	11.02	10.41
19.2	1.0794	79.4	10.620	186.2	11.06	10.95	10.34
19.0	1.0785	78.5	10.511	183.5	10.90	10.79	10.19
18.8	1.0777	77.7	10.401	182.3	10.83	10.72	10.13
18.6	1.0768	76.8	10.291	180.1	10.70	10.59	10.00
18.4	1.0759	75.9	10.181	177.2	10.53	10.42	9.84
18.2	1.0750	75.0	10.072	175.0	10.40	10.29	9.72
18.0	1.0741	74.1	9.962	172.2	10.23	10.13	9.56
17.8	1.0733	73.3	9.852	169.4	10.07	9.96	9.41
17.6	1.0724	72.4	9.742	168.3	10.00	9.90	9.35
17.4	1.0715	71.5	9.633	166.0	9.86	9.76	9.22
17.2	1.0706	70.6	9.523	164.9	9.80	9.70	9.16
17.0	1.0698	69.8	9.413	162.2	9.63	9.54	9.01
16.8	1.0689	68.9	9.303	159.3	9.47	9.37	8.85
16.6	1.0680	68.0	9.193	157.1	9.33	9.24	8.73
16.4	1.0672	67.2	9.083	154.4	9.17	9.08	8.58
16.2	1.0663	66.3	8.973	151.6	9.01	8.92	8.42
16.0	1.0654	65.4	8.863	150.5	8.94	8.85	8.36
15.8	1.0646	64.6	8.753	148.2	8.81	8.72	8.23

** These concentrations are approximate due to the composition of musts. Values for a measurement at 20° C (68°F).*

°Bx		°Oe	°B		Alcohol by volume according to the yield of alcohol (sugars for 1% vol. of alcohol)		
Degree Brix	Density	Degree Oechsle	Degree Baumé	Sugars (g/L)	16.83 g/L	17 g/L	18 g/L
15.6	1.0637	63.7	8.643	147.1	8.74	8.65	8.17
15.4	1.0628	62.8	8.533	144.4	8.58	8.49	8.02
15.2	1.0620	62.0	8.423	141.6	8.41	8.33	7.87
15.0	1.0611	61.1	8.313	138.9	8.25	8.17	7.71
14.8	1.0603	60.3	8.203	137.2	8.15	8.07	7.62
14.6	1.0594	59.4	8.093	135.0	8.02	7.94	7.50
14.4	1.0586	58.6	7.983	132.8	7.89	7.81	7.38
14.2	1.0577	57.7	7.873	131.2	7.79	7.71	7.29
14.0	1.0568	56.8	7.763	129.0	7.66	7.59	7.17
13.8	1.0560	56.0	7.652	126.3	7.50	7.43	7.02
13.6	1.0551	55.1	7.542	123.6	7.34	7.27	6.86
13.4	1.0543	54.3	7.432	121.9	7.24	7.17	6.77
13.2	1.0534	53.4	7.322	119.2	7.08	7.01	6.62
13.0	1.0526	52.6	7.211	117.6	6.99	6.92	6.53
12.8	1.0518	51.8	7.101	116.0	6.89	6.82	6.44
12.6	1.0509	50.9	6.991	113.2	6.73	6.66	6.29
12.4	1.0501	50.1	6.880	111.0	6.60	6.53	6.17
12.2	1.0492	49.2	6.770	108.4	6.44	6.38	6.02
12.0	1.0484	48.4	6.660	106.8	6.35	6.28	5.93
11.8	1.0475	47.5	6.549	104.1	6.18	6.12	5.78
11.6	1.0467	46.7	6.439	103.3	6.14	6.08	5.74
11.4	1.0459	45.9	6.329	100.3	5.96	5.90	5.57
11.2	1.0450	45.0	6.218	98.1	5.83	5.77	5.45
11.0	1.0442	44.2	6.108	95.0	5.64	5.59	5.28
10.8	1.0434	43.4	5.997	93.4	5.55	5.49	5.19
10.6	1.0425	42.5	5.887	91.3	5.42	5.37	5.07
10.4	1.0417	41.7	5.776	89.6	5.32	5.27	4.98
10.2	1.0409	40.9	5.666	87.8	5.22	5.16	4.88
10.0	1.0400	40.0	5.555	84.9	5.04	4.99	4.71
9.8	1.0392	39.2	5.444	82.2	4.88	4.84	4.57
9.6	1.0384	38.4	5.334				
9.4	1.0376	37.6	5.223				
9.2	1.0367	36.7	5.112				
9.0	1.0359	35.9	5.002				
8.8	1.0351	35.1	4.891				
8.6	1.0343	34.3	4.780				
8.4	1.0334	33.4	4.670				
8.2	1.0326	32.6	4.559				
8.0	1.0318	31.8	4.448				
7.8	1.0310	31.0	4.337				
7.6	1.0302	30.2	4.226				
7.4	1.0294	29.4	4.116				

** These concentrations are approximate due to the composition of musts. Values for a measurement at 20° C (68°F).*

°Bx		°Oe	°B		Alcohol by volume according to the yield of alcohol (sugars for 1% vol. of alcohol)		
Degree Brix	Density	Degree Oechsle	Degree Baumé	Sugars (g/L)	16.83 g/L	17 g/L	18 g/L
7.2	1.0285	28.5	4.005				
7.0	1.0277	27.7	3.894				
6.8	1.0269	26.9	3.783				
6.6	1.0261	26.1	3.672				
6.4	1.0253	25.3	3.561				
6.2	1.0245	24.5	3.450				
6.0	1.0237	23.7	3.339				
5.8	1.0229	22.9	3.228				
5.6	1.0221	22.1	3.117				
5.4	1.0213	21.3	3.006				
5.2	1.0205	20.5	2.895				
5.0	1.0197	19.7	2.784				
4.8	1.0189	18.9	2.673				
4.6	1.0181	18.1	2.562				
4.4	1.0173	17.3	2.451				
4.2	1.0165	16.5	2.339				
4.0	1.0157	15.7	2.228				
3.8	1.0149	14.9	2.117				
3.6	1.0141	14.1	2.006				
3.4	1.0133	13.3	1.894				
3.2	1.0125	12.5	1.783				
3.0	1.0117	11.7	1.672				
2.8	1.0109	10.9	1.561				
2.6	1.0101	10.1	1.449				
2.4	1.0094	9.4	1.338				
2.2	1.0086	8.6	1.227				
2.0	1.0078	7.8	1.115				
1.8	1.0070	7.0	1.004				
1.6	1.0062	6.2	0.892				
1.4	1.0054	5.4	0.781				
1.2	1.0047	4.7	0.669				
1.0	1.0039	3.9	0.558				
0.8	1.0031	3.1	0.446				
0.6	1.0023	2.3	0.335				
0.4	1.0015	1.5	0.223				
0.2	1.0008	0.8	0.112				
0.0	1.0000	0.0	0.000				

** These concentrations are approximate due to the composition of musts. Values for a measurement at 20° C (68°F).*

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Sources:
Brix: Handbook of enology Volume 1, Ed 7, p374. **Density:** OIV, Compendium of International Methods of Analysis of Wines and Musts, Ed. 2018. **Degree Oeschle:** Handbook of enology Volume 1, Ed 7, p374. **Baumé:** Handbook of enology Volume 1, Ed 7, p374. **Sugars (g/L):** OIV, Compendium of International Methods of Analysis of Wines and Musts, Ed. 2018.

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