

Physical Characteristics of Brines for Smoking.



		C		D	E	F	G	
		To make a Brine		Mass and Volume of brine		1 litre of Brine contains		
A	B							
Salometer Degrees	%age salt by wt	Add these grams of salt to 1 litre of water	1 litre of water plus salt produces this volume of brine.	Wt of 1 litre of brine (grams)	Volume of 1 kg brine (litres)	water content grams of water / litre of brine)	salt content grams of salt / litre of brine	
0	0.00	0.00	1.0000	998.00	1.0020	998	0.00	
2	0.53	5.32	1.0020	1001.30	0.9987	996	5.30	
4	1.06	10.65	1.0030	1005.60	0.9944	995	10.60	
6	1.58	16.11	1.0050	1009.00	0.9911	993	16.00	
8	2.11	21.59	1.0071	1012.40	0.9878	991	21.40	
10	2.64	27.07	1.0081	1016.80	0.9835	990	26.80	
12	3.17	32.36	1.0081	1030.30	0.9706	988	32.30	
14	3.70	38.44	1.0122	1023.90	0.9767	986	37.90	
16	4.22	44.06	1.0132	1028.40	0.9724	985	43.40	
18	4.75	49.85	1.0153	1032.00	0.9690	983	49.00	
20	5.28	55.66	1.0173	1035.60	0.9656	981	54.60	
22	5.81	61.59	1.0194	1039.30	0.9622	979	60.30	
24	6.34	67.66	1.0215	1043.10	0.9587	977	66.10	
26	6.86	73.67	1.0225	1047.90	0.9543	976	71.90	
28	7.39	79.77	1.0246	1051.70	0.9508	974	77.70	
30	7.92	86.01	1.0267	1055.60	0.9473	972	83.60	
32	8.45	92.27	1.0289	1059.50	0.9438	970	89.50	
34	8.97	98.55	1.0310	1063.40	0.9404	968	95.40	
36	9.50	104.97	1.0331	1067.40	0.9369	966	101.40	
38	10.03	111.51	1.0353	1071.50	0.9333	964	107.50	
40	10.56	117.98	1.0374	1075.50	0.9298	962	113.50	
42	11.09	124.58	1.0396	1079.60	0.9263	960	119.60	
44	11.61	131.45	1.0428	1082.80	0.9235	957	125.80	
46	12.14	138.22	1.0450	1087.00	0.9200	955	132.00	
48	12.67	145.02	1.0472	1091.20	0.9164	953	138.20	
50	13.20	151.95	1.0494	1095.50	0.9128	951	144.50	
52	13.73	159.01	1.0516	1099.90	0.9092	949	150.90	
54	14.25	166.17	1.0550	1103.20	0.9065	946	157.20	
56	14.78	173.41	1.0572	1107.70	0.9028	944	163.70	
58	15.31	180.77	1.0606	1111.10	0.9000	941	170.10	
60	15.84	188.18	1.0628	1115.70	0.8963	939	176.70	
62	16.37	195.73	1.0662	1119.20	0.8935	936	183.20	
64	16.89	203.21	1.0685	1123.80	0.8898	934	189.80	
66	17.42	210.84	1.0708	1128.50	0.8861	932	196.50	
68	17.95	219.27	1.0743	1132.70	0.8828	929	203.70	
70	18.48	226.78	1.0778	1136.00	0.8803	926	210.00	
72	19.00	234.52	1.0801	1140.70	0.8767	924	216.70	
74	19.53	242.67	1.0836	1144.50	0.8737	921	223.50	
76	20.06	251.20	1.0871	1148.60	0.8706	918	230.60	
78	20.59	259.17	1.0895	1153.40	0.8670	916	237.40	
80	21.12	267.69	1.0931	1157.40	0.8640	913	244.40	
82	21.64	276.07	1.0955	1162.50	0.8602	911	251.50	
84	22.17	284.69	1.0991	1166.50	0.8573	908	258.50	
86	22.70	293.59	1.1028	1170.70	0.8542	905	265.70	
88	23.23	302.55	1.1064	1174.90	0.8511	902	272.90	
90	23.75	311.57	1.1101	1179.10	0.8481	899	280.10	
92	24.28	320.76	1.1138	1183.40	0.8450	896	287.40	
94	24.81	330.01	1.1176	1187.70	0.8420	893	294.70	
95	25.08	334.53	1.1188	1190.40	0.8401	892	298.40	
96	25.34	339.44	1.1213	1192.10	0.8389	890	302.10	
97	25.60	344.37	1.1239	1193.80	0.8377	888	305.80	
98	25.87	349.04	1.1251	1196.60	0.8357	887	309.60	
99	26.13	353.72	1.1264	1199.40	0.8338	886	313.40	
99.6	26.29	356.61	1.1277	1200.60	0.8329	885	315.60	
100	26.40	358.82	1.1290	1201.20	0.8325	884	317.20	