

Pure salt concentration and corresponding specific gravity
(measured by a hydrometer) at 59°F

Percent salt	Specific gravity at 59°F	Percent of saturation	*Weight of salt lb/gal
0	1.000	0	0
5	1.035	20	0.43
6	1.043	24	0.52
7	1.050	28	0.61
8	1.057	32	0.71
9	1.065	36	0.80
10	1.072	40	0.90
11	1.080	44	0.99
12	1.087	48	1.00
13	1.095	52	1.10
14	1.103	56	1.29
15	1.111	60	1.39
16	1.118	63	1.49
17	1.126	67	1.60
18	1.134	71	1.71
19	1.142	75	1.81
20	1.150	79	1.92
21	1.158	83	2.03
22	1.166	87	2.14
23	1.175	91	2.26
24	1.183	95	2.37
25	1.191	99	2.45
25.2	1.200	100	

*Note: Weight of commercial salt required = (weight of pure NaCl from table) ÷ (purity in percent)