



Industrial Water Purification
(800) CAL-WATER

Water Quality Conversion Chart

Ohms – μ mhos – ppm – ppb – GPG

WATER QUALITY CONVERSION CHART

Resistivity Ohms/cm ³ @ 25 C	Conductivity Microseimens (Micromhos/cm ³ .) @ 25 C	Dissolved Solids (as CaCO ₃)			Maximum Possible pH	Minimum Possible pH
		ppm	ppb	GPG		
18,000,000	0.056	0.028	28		7.8	6.2
16,000,000	0.063	0.031	31		7.9	6.1
14,000,000	0.071	0.036	36		7.9	6.1
12,000,000	0.083	0.042	42		8.0	6.0
10,000,000	0.100	0.050	50		8.1	5.9
8,000,000	0.125	0.063	63		8.2	5.8
6,000,000	0.170	0.083	83		8.3	5.7
5,000,000	0.200	0.100	100		8.4	5.6
4,000,000	0.250	0.125	125		8.5	5.5
3,000,000	0.33	0.17	167		8.6	5.4
2,000,000	0.5	0.25	250		8.8	5.2
1,000,000	1	0.5	500		9.1	4.9
500,000	2	1	1000		9.4	4.6
250,000	4	2		0.1	9.7	4.3
166,667	6	3		0.2	9.9	4.1
125,000	8	4		0.2	10.0	4.0
100,000	10	5		0.3	10.1	3.9
83,333	12	6		0.4	10.2	3.8
71,429	14	7		0.4	10.2	3.8
62,500	16	8		0.5	10.3	3.7
55,556	18	9		0.5	10.4	3.6
50,000	20	10		0.6	10.4	3.6
45,455	22	11		0.6	10.4	3.6
41,667	24	12		0.7	10.5	3.5
38,462	26	13		0.8	10.5	3.5
35,714	28	14		0.8	10.5	3.5
33,333	30	15		0.9	10.6	3.4
25,000	40	20		1.2	10.7	3.3
20,000	50	25		1.5	10.8	3.2
13,333	75	38		2.2	11.0	3.0
6,667	150	75		4.4	11.3	2.7
4,000	250	125		7	11.5	2.5
2,500	400	200		12	11.7	2.3
2,000	500	250		15	11.8	2.2
1,429	700	350		20	12.0	2.0
1,000	1000	500		29	12.1	1.9
667	1500	750		44	12.3	1.7
500	2000	1000		58	12.4	1.6
400	2500	1250		73	12.5	1.5