Conductivity Chart for KCl in Lab Dilution Water (µS)

MHW		MHWCD		ASW	
Concentration (g/L)	~Conductivity (µmhos/cm) @ ~25°C	Concentration (g/L)	~Conductivity (µmhos/cm) @ ~25°C	Concentration (g/L)	~Conductivity (mmhos/cm) @ ~26°C
2	3870	**0.8**	1840	**1.6**	35.1
1.5	2930	**0.7**	1660	**1**	35.7
1	2140	**0.6**	1470	**0.8**	35.6
0.75	1700	**0.5**	1280	**0.6**	35.6
0.5	1230	**0.4**	1070	**0.5**	35.2
0.25	770	**0.3**	880	**0.4**	34.9
0.125	530	**0**	300	**0.25**	34.5
0	300			**0.2**	34.2
				0.125	34.7
				0.0625	34.4
				0	34

NOTE: Test averages were rounded to the nearest tenth for MHW and MHWCD toxicants. The rough averages listed here are only a guideline for approximate conductivity. Fluctuations in tests will occur. The ASW toxicant is particularly prone to variation due to differing levels of salinity concentrations used (19.5-20.5 ppm). Saltwater concentrations should be evaluated if conductivity levels stray far from the 34-36 mmhos range.