



Typical Analysis of Conditioned Water

Analyte	Reported as mg/l (except as noted)	Typical Concentration	Range
Calcium	CaCO ₃	50	40-60
Magnesium	CaCO ₃	40	30-40
Total Hardness*	CaCO ₃	90	85-100
Carbonate (CO ₃)	CaCO ₃	20	15-30
Bicarbonate (HCO ₃)	CaCO ₃	15	10-15
Total Alkalinity	CaCO ₃	35	25-60
Sodium*	Na	50	45-90
Iron*	Fe	0.2	0.1-0.5
Sulfate*	SO ₄	70	40-150
Chloride*	Cl	46	10-100
Silica*	SiO ₂	10	9-14
Fluoride	F	0.7	0.6-0.8
Phosphate, Tot	P	0.8	0.2-1.0
Phosphate, Ortho	P	0.3	0.1-0.5
Chloramine	Cl ₂ (at plant tap)	2.5	1.0-3.5
pH	pH units	9.4	9.2-9.8
Turbidity	NTU	0.2	0.1-0.5
Conductivity*	uS/cm	350	250-750