



Radiant Life® Water Systems

City-Check Standard Water Test

Analytes and Minimum Detectable Levels

Parameters	MDL (mg/L)	Parameters	MDL (mg/L)
Metals		Organic Chemicals – Volatile	
Aluminum	0.1	Dibromomethane	0.002
Arsenic	0.005	1,2-Dichlorobenzene	0.001
Barium	0.30	1,3-Dichlorobenzene	0.001
Cadmium	0.002	Dichlorodifluoromethane	0.002
Calcium	2.0	1,1-Dichloroethane	0.002
Chromium	0.010	trans-1,2-Dichloroethene	0.002
Copper	0.004	cis-1,2-Dichloroethene	0.002
Iron	0.020	Dichloromethane	0.002
Lead	0.002	1,2-Dichloropropane	0.002
Lithium	0.001	trans-1,3-Dichloropropene	0.002
Magnesium	0.10	cis-1,3-Dichloropropene	0.002
Manganese	0.004	2,2-Dichloropropane	0.002
Mercury	0.001	1,1-Dichloropropene	0.002
Nickel	0.02	1,3-Dichloropropane	0.002
Selenium	0.020	Ethylbenzene	0.001
Silver	0.002	Styrene	0.001
Sodium	1.0	1,1,1,2-Tetrachloroethane	0.002
Strontium	0.001	1,1,2,2-Tetrachloroethane	0.002
Uranium	0.001	Tetrachloroethene (PCE)	0.002
Zinc	0.004	1,2,4-Trichlorobenzene	0.002
Inorganics & Physical Factors		Ethylenedibromide (EDB)	0.001
Bromide	0.5	1,2,3-Trichlorobenzene	0.002
Chloride	5.0	1,1,2-Trichloroethane	0.002
Fluoride	0.5	Trichlorofluoromethane	0.002
Nitrate as N	0.5	1,2,3-Trichloropropane	0.002
Nitrite as N	0.5	Toluene	0.001
Ortho-Phosphate	2.0	Xylene	0.001
Sulfate	5.0	Methyl Tert Butyl Ether	0.004
Alkalinity	20	Methyl Ethyl Ketone	0.010
Hardness	10	Acetone	0.010
pH	-	Tetrahydrofuran	0.010
Total Dissolved Solids	20	Benzene	0.001
Disinfectants & Disinfection Byproducts		Vinyl Chloride	0.001
Free Chlorine	-	Carbon Tetrachloride	0.001
Total Chlorine	-	1,2-Dichloroethane	0.001
Chloramine	-	Trichloroethene (TCE)	0.001
Bromate	0.005	1,4-Dichlorobenzene	0.001
Chlorite	0.005	1,1-Dichloroethene	0.001
Bromoform	0.004	1,1,1-Trichloroethane	0.001
Bromodichloromethane	0.002	Bromobenzene	0.002
Chloroform	0.002	Bromomethane	0.002
Dibromochloromethane	0.004	Chlorobenzene	0.001
Total Trihalomethanes	0.002	Chloroethane	0.002
Monochloroacetic Acid	0.001	Chloromethane	0.002
Dichloroacetic Acid	0.001	2-Chlorotoluene	0.001
Monobromoacetic Acid	0.001	4-Chlorotoluene	0.001
Trichloroacetic Acid	0.001	Dibromochloropropane (DBCP)	0.001
Dibromoacetic Acid	0.001		
Total Haloacetic Acids	0.001		