



Radiant Life® Water Systems

Well-Check Standard Water Test

Analytes and Minimum Detectable Levels

Parameter	MDL (mg/l)	Parameter	MDL (mg/l)
Bacteria		Organic Chemicals – Volatiles	
Total Coliform and E. Coli	(Presence/Absence)	1,1-Dichloroethene	0.001
Inorganic Chemicals - Metals		1,1-Dichloroethane	0.002
Aluminum	0.1	1,1-Dichloropropene	0.002
Arsenic	0.005	1,2-Dichlorobenzene	0.001
Barium	0.30	1,2-Dichloroethane	0.001
Cadmium	0.002	1,2-Dichloropropane	0.002
Calcium	2.0	1,3-Dichlorobenzene	0.001
Chromium	0.010	1,3-Dichloropropane	0.002
Copper	0.004	1,4-Dichlorobenzene	0.001
Iron	0.020	1,1,1-Trichloroethane	0.001
Lead	0.002	1,1,2-Trichloroethane	0.002
Lithium	0.001	1,2,3-Trichlorobenzene	0.002
Magnesium	0.10	1,2,3-Trichloropropane	0.002
Manganese	0.004	1,2,4-Trichlorobenzene	0.002
Mercury	0.001	1,1,1,2-Tetrachloroethane	0.002
Nickel	0.02	1,1,2,2-Tetrachloroethane	0.002
Potassium	1.0	2-Chlorotoluene	0.001
Selenium	0.020	2,2-Dichloropropane	0.002
Silica	0.1	4-Chlorotoluene	0.001
Silver	0.002	Acetone	0.010
Sodium	0.1	Benzene	0.001
Strontium	0.001	Bromobenzene	0.002
Uranium	0.001	Bromomethane	0.002
Zinc	0.004	Carbon Tetrachloride	0.001
Inorganic Chemicals and Physical Factors		Chlorobenzene	0.001
Alkalinity (Total as CaCO ₃)	20	Chloroethane	0.002
Bromide	0.5	Chloromethane	0.002
Chloride	5.0	Cis-1,2-Dichloroethene	0.002
Fluoride	0.5	Cis-1,3-Dichloropropene	0.002
Hardness	10	Dibromochloropropane (DBCP)	0.001
Nitrate as N	0.5	Dibromomethane	0.002
Nitrite as N	0.5	Dichlorodifluoromethane	0.002
Orthophosphate	2.0	Dichloromethane	0.002
pH (Standard Units)	-	Ethylbenzene	0.001
Sulfate	5.0	Ethylenedibromide (EDB)	0.001
Total Dissolved Solids	20	Methyl Ethyl Ketone	0.010
Turbidity (Turbidity Units)	0.1	Methyl tert-butyl ether	0.004
Organic Chemicals - Trihalomethanes		Styrene	0.001
Bromodichloromethane	0.002	Tetrachloroethene (PCE)	0.002
Bromoform	0.004	Tetrahydrofuran	0.010
Chloroform	0.002	Toluene	0.001
Dibromochloromethane	0.004	Trans-1,2-Dichloroethene	0.002
Total THMs	0.002	Trans-1,3-Dichloropropene	0.002
		Trichloroethene (TCE)	0.001
		Trichlorofluoromethane	0.002
		Vinyl Chloride	0.001
		Xylene	0.001

Note: The Watercheck and Watercheck with Pesticides test packages are intended to be used as informational screening packages and may not be used for regulatory compliance.