National Testing Laboratories, Ltd
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WaterCheck™ Deluxe

Analytes and Minimum Detectable Levels - MDL (mg/l)

Bacteria

Total Coliform and E.Coli	(Presence/Absence)

Inorganic Chemicals - Metals

Aluminum	0.1	Lead	0.002	Silica	0.1
Arsenic	0.005	Lithium	0.001	Silver	0.002
Barium	0.30	Magnesium	0.10	Sodium	0.1
Cadmium	0.002	Manganese	0.004	Strontium	0.001
Calcium	2.0	Mercury	0.001	Uranium	0.001
Chromium	0.010	Nickel	0.02	Zinc	0.004
Copper	0.004	Potassium	1.0		
Iron	0.020	Selenium	0.020		

Inorganic Chemicals & Physical Factors

Alkalinity (Total as CaCO3)	20	Nitrate as N	0.5	Total Dissolved Solids	20
Bromide	0.5	Nitrite as N	0.5	Turbidity (Turbidity Units)	0.1
Chloride	5.0	Orthophosphate	2.0		
Fluoride	0.5	pH (Standard Units)	-		
Hardness	10	Sulfate	5.0		

Organic Chemicals - Trihalomethanes

Bromodichloromethane	0.002	Chloroform	0.002	Total THMs	0.002
Bromoform	0.004	Dibromochloromethane	0.004		

Inorganic Chemicals - Volatiles

1,1-Dichloroethene	0.001	2-Chlorotoluene	0.001	Dichloromethane	0.002
1,1-Dichloroethane	0.002	2,2-Dichloropropane	0.002	Ethylbenzene	0.001
1,1-Dichloropropene	0.002	4-Chlorotoluene	0.001	Ethylenedibromide (EDB)	0.001
1,2-Dichlorobenzene	0.001	Acetone	0.010	Methyl Ethyl Ketone	0.010
1,2-Dichloroethane	0.001	Benzene	0.001	Methyl tert-butyl ether	0.004
1,2-Dichloropropane	0.002	Bromobenzene	0.002	Styrene	0.001
1,3-Dichlorobenzene	0.001	Bromomethane	0.002	Tetrachloroethene (PCE)	0.002
1,3-Dichloropropane	0.002	Carbon Tetrachloride	0.001	Tetrahydrofuran	0.010
1,4-Dichlorobenzene	0.001	Chlorobenzene	0.001	Toluene	0.001
1,1,1-Trichloroethane	0.001	Chloroethane	0.002	Trans-1,2-Dichloroethene	0.002
1,1,2-Trichloroethane	0.002	Chloromethane	0.002	Trans-1,3-Dichloropropene	0.002
1,2,3-Trichlorobenzene	0.002	Cis-1,2-Dichloroethene	0.002	Trichloroethene (TCE)	0.001
1,2,3-Trichloropropane	0.002	Cis-1,3-Dichloropropene	0.002	Trichlorofluoromethane	0.002
1,2,4-Trichlorobenzene	0.002	Dibromochloropropane (DBCP)	0.001	Vinyl Chloride	0.001
1,1,1,2-Tetrachloroethane	0.002	Dibromomethane	0.002	Xylene	0.001
1,1,2,2-Tetrachloroethane	0.002	Dichlorodifluoromethane	0.002		

Note: The WaterCheckTM Standard and WaterCheckTM Deluxe test packages are intended to be used as informational screening packages and may not be used for regulatory compliance.

Pesticides, Herbicides and PCBs

2,4-D	0.010	Endrin	0.0001	PCBs	0.0005
Alachlor	0.001	Heptachlor	0.0004	Pentachloronitrobenzene	0.002
Aldrin	0.002	Heptachlor Epoxide	0.0001	Silvex (2,4,5-TP)	0.005
Atrazine	0.002	Hexachlorobenzene	0.0005	Simazine	0.002
Chlordane	0.001	Hexachlorocyclopentadiene	0.001	Toxaphene	0.001
Dichloran	0.002	Lindane	0.0002	Trifluralin	0.002
Dieldrin	0.001	Methoxychlor	0.002		

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