National Testing Laboratories, Ltd
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CityCheck™ Deluxe

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

Metals

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

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	
Chloride 5.0	Orthophosphate 2.0	
Fluoride 0.5	pH (Standard Units) -	
Hardness 10	Sulfate 5.0	

Disinfectants & Disinfection Byproducts

Bromate 0.005	Dibromochloromethane 0.004	Trichloroacetic Acid 0.001
Chlorite 0.005	Total Trihalomethanes 0.002	Dibromoacetic Acid 0.001
Bromoform 0.004	Monochloracetic Acid 0.001	Total Haloacetic Acids 0.001
Bromodichloromethane 0.002	Dichloroacetic Acid 0.001	
Chloroform 0.002	Monobromoacetic Acid 0.001	

Organic Chemicals – Volatile

Dibromomethane 0.002	1,2-Dichlorobenzene 0.001	1,3-Dichlorobenzene 0.001
Dichlorodifluoromethane 0.002	1,1-Dichloroethane 0.002	trans-1,2-Dichloroethene 0.002
cis-1,2-Dichloroethene 0.002	Dichloromethane 0.002	1,2-Dichloropropane 0.002
trans-1,3-Dichloropropene 0.002	cis-1,3-Dichloropropene 0.002	2,2-Dichloropropane 0.002
1,1-Dichloropropene 0.002	1,3-Dichloropropane 0.002	Ethylbenzene 0.001
Styrene 0.001	1,1,1,2-Tetrachloroethane 0.002	1,1,2,2-Tetrachloroethane 0.002
Tetrachloroethene (PCE) 0.002	1,2,4-Trichlorobenzene 0.002	Ethylenedibromide (EDB) 0.001
1,2,3-Trichlorobenzene 0.002	1,1,2-Trichloroethane 0.002	Trichlorofluoromethane 0.002
1,2,3-Trichloropropane 0.002	Toluene 0.001	Xylene 0.001
Methyl Tert Butyl Ether 0.004	Methyl Ethyl Ketone 0.010	Acetone 0.010
Tetrahydrofuran 0.010	Benzene 0.001	Vinyl Chloride 0.001
Carbon Tetrachloride 0.001	1,2-Dichloroethane 0.001	Trichloroethene (TCE) 0.001
1,4-Dichlorobenzene 0.010	1,1-Dichloroethene 0.001	1,1,1-Trichloroethane 0.001
1,4-Dichlorobenzene 0.010	1,1-Dichloroethene 0.001	1,1,1-Trichloroethane 0.001
Bromobenzene 0.002	Bromomethane 0.002	Chlorobenzene 0.001
Chloroethane 0.002	Chloromethane 0.002	2-Chlorotoluene 0.001
4-Chlorotoluene 0.001	Dibromochloropropane (DBCP) 0.0021	

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Organic Chemicals - Pesticides & Herbicides

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

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