

DS Waters

TM

DS WATERS – TYPICAL ANALYSIS

DISTILLED

(All results reported in mg/L (ppm) except as noted)

Legend

ND = Not Detected, absent or present at less than testing method detection level
 mg/L = milligram (1/1,000 of a gram) per liter = ppm =parts per million
 ≤ = compliance w/ less than or equal to the FDA Standard of Quality (allowable level)
 pCi/L = picoCuries per liter
 NTU = turbidity unit of measurement
 umhos = the reciprocal of microohms
 TDS = Total Dissolved Solids (Minerals)

Water Type	Distilled	FDA Standard of Quality (SOQ)
Inorganic Chemicals		
Antimony	ND	0.006
Arsenic	ND	0.005
Barium	ND	1
Beryllium	ND	0.004
Bromate	ND	0.01
Cadmium	ND	0.005
Chlorine, Free	ND	5
Chloramine	ND	4.5
Chlorine dioxide	ND	5
Chlorite	ND	1.0
Chromium	ND	0.05
Cyanide	ND	0.1
Fluoride	ND	1.3
Lead	ND	0.005
Mercury	ND	0.001
Nickel	ND	0.1
Nitrate-N	ND	10
Nitrite-N	ND	1
Total Nitrate +Nitrite	ND	10
Selenium	ND	0.05
Thallium	ND	0.002
Secondary Inorganics		
Aluminum	ND	0.2
Chloride	ND	250
Copper	ND	1
Iron	ND	0.3
Manganese	ND	0.05
Silver	ND	0.05
Sulfate	ND	250
Total Dissolve Solids (TDS)	< 5	10
Zinc	ND	5

Water Type	Distilled	FDA Standard of Quality (SOQ)
Volatile Organic Chemicals (VOCs)		
1,1,1-Trichloroethane	ND	0.2
1,1,2- Trichloroethane	ND	0.005
1,1-Dichloroethylene	ND	0.007
1,2,4-Trichlorobenzene	ND	0.07
1,2-Dichloroethane	ND	0.005
1,2-Dichloropropane	ND	0.005
Benzene	ND	0.005
Carbon tetrachloride	ND	0.005
cis-1,2-Dichloroethylene	ND	0.07
Trans-1,2-Dichloroethylene	ND	0.1
Ethylbenzene	ND	0.7
Methylene chloride (Dichloromethane)	ND	0.005
Monochlorobenzene	ND	0.1
o-Dichlorobenzene	ND	0.6
p- Dichlorobenzene	ND	0.075
Haloacetic Acids (HAA5)	ND	0.06
Styrene	ND	0.1
Tetrachloroethylene	ND	0.005
Toluene	ND	1
Trichloroethylene	ND	0.005
Vinyl chloride	ND	0.002
Xylenes (total)	ND	10
Bromodichloromethane	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total trihalomethanes (TTHMs)
Chlorodibromomethane	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total trihalomethanes (TTHMs)
Chloroform	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total trihalomethanes (TTHMs)
Bromoform	ND	No SOQ for individual trihalomethane contaminants. The sum of the 4 THMs is regulated as total trihalomethanes (TTHMs)
Total Trihalomethanes (TTHMs)	ND	0.08
Semivolatile Organic Chemicals (SOCs)		
Benzo(a)pyrene	ND	0.0002
Di(2-ethylhexyl)adipate	ND	0.4
Di(2-ethylhexyl)phthalate	ND	NA
Hexachlorobenzene	ND	0.001
Hexachlorocyclopentadiene	ND	0.05
Total Recoverable Phenolics	ND	0.001

Water Type	Distilled	FDA Standard of Quality (SOQ)
Synthetic Organic Chemicals (SOCs)		
2,4,5-TP (Silvex)	ND	0.05
2,4-D (Dichlorophenoxy acetic acid)	ND	0.07
Alachlor	ND	0.002
Aldicarb	ND	NA
Aldicarb sulfone	ND	NA
Aldicarb sulfoxide	ND	NA
Atrazine	ND	0.003
Carbofuran	ND	0.04
Chlordane	ND	0.002
Dalapon	ND	0.2
Dibromochloropropane (DBCP)	ND	0.0002
Dinoseb	ND	0.007
Dioxin	ND	3×10^{-8}
Diquat	ND	0.02
Endothall	ND	0.1
Endrin	ND	0.002
Ethylene dibromide	ND	0.00005
Glyphosate	ND	0.7
Heptachlor	ND	0.0004
Heptachlor epoxide	ND	0.0002
Lindane	ND	0.0002
Methoxychlor	ND	0.04
Oxamyl	ND	0.2
Pentachlorophenol	ND	0.001
Picloram	ND	0.5
Polychlorinated biphenyls (PCBs)	ND	0.0005
Simazine	ND	0.004
Toxaphene	ND	0.003
Additional Regulated Contaminants		
Methyl tertiary butyl ether (MTBE)	ND	NA
Naphthalene	ND	NA
1,1,2,2-Tetrachloroethane	ND	NA
Radiological Contaminants		
Gross Alpha Particle Radioactivity (pCi/L)	< 0.3	15
Gross Beta Particle and Photon Radioactivity (pCi/L)	< 0.3	50
Radium 226/228 (combined) (pCi/L)	< 1	5
Uranium	ND	0.030

Water Type	Distilled	FDA Standard of Quality (SOQ)
Water Properties		
Color (UNITS)	ND	15
Turbidity (NTU)	ND	5
pH	5 -7	
Odor (TON)	ND	3
Conductivity (umhos)	≤ 5	NA