

COMMERCIAL SPECIFICATION SHEET

Group	Parameter	Detection Level
Group 1: Metals	Aluminum	0.05
	Antimony	0.001
	Arsenic	0.002
	Barium	0.10
	Beryllium	0.001
	Boron	0.10
	Cadmium	0.001
	Calcium	2.0
	Chromium	0.001
	Copper	0.001
	Iron	0.020
	Lead	0.001
	Magnesium	0.10
	Manganese	0.004
	Mercury	0.0002
	Nickel	0.002
	Potassium	1.0
	Selenium	0.002
	Silver	0.002
	Sodium	1.0
Thallium	0.001	
Zinc	0.004	
Group 2 : Inorganics & Physical Factors	Total Alkalinity (as CaCO ₃)	20
	Bromide	2.0
	Chloride	1.0
	Fluoride	0.1
	Nitrate (as N)	0.050
	Nitrite (as N)	0.050
	Sulfate	5.0
	Hardness (as CaCO ₃)	10.0
	pH	-
	Total Dissolved Solids	5.0
	Turbidity (NTU)	0.1
	Color	3.0
	Corrosivity	-
	Foaming Agents	0.1
	Odor Threshold	-
	Ortho-Phosphate	2.0
Group 3A: Volatile Organics (VOC's)	Trihalomethanes	-
	Bromoform	0.0005
	Bromodichloromethane	0.0005
	Chloroform	0.0005
	Dibromochloromethane	0.0005
	Total Trihalomethanes	0.0005
Group 3B: VOC's	Benzene	0.0005
	Bromobenzene	0.0005
	Bromochloromethane	0.0005
	n-Butylbenzene	0.0005
	sec-Butylbenzene	0.0005
	tert-Butylbenzene	0.0005
	Carbon Tetrachloride	0.0005
	Chlorobenzene	0.0005
	Chloroethane	0.0005
	Chloromethane	0.0005
	2-Chlorotoluene	0.0005
	4-Chlorotoluene	0.0005
	Dibromomethane	0.0005
	1,2-Dichlorobenzene	0.0005
	1,3-Dichlorobenzene	0.0005
	1,4-Dichlorobenzene	0.0005
	Dichlorodifluoromethane	0.0005
	1, 1 Dichloroethane	0.0005
	1,2-Dichloroethane	0.0005
	1,1-Dichloroethene	0.0005
	cis-1,2-Dichloroethene	0.0005
	trans-1,2-Dichloroethene	0.0005
	1,2-Dichloropropane	0.0005
	1,3-Dichloropropane	0.0005
	2,2-Dichloropropane	0.0005
	1,1-Dichloropropene	0.0005
	cis-1,3, Dichloropropene	0.0005
	trans-1,3-Dichloropropene	0.0005
	Ethylbenzene	0.0005
	Hexachlorobutadiene	0.0005
	Isopropylbenzene	0.0005
	4-Isopropyltoluene	0.0005
	Dichloromethane	0.0005
	Methyl-Tert-Butyl-Ether	0.002
	Naphthalene	0.0005
	Propylbenzene	0.0005
	Styrene	0.0005
	1,1,1,2-Tetrachloroethane	0.0005
	1,1,2,2-Tetrachloroethane	0.0005
	Tetrachloroethene (PCE)	0.0005
	Toluene	0.0005
	1,2,3-Trichlorobenzene	0.0005
	1,2,4-Trichlorobenzene	0.0005
	1,1,1-Trichloroethane	0.0005
	1,1,2-Trichloroethane	0.0005
	Trichloroethene	0.0005
Trichlorofluoromethane	0.0005	
1,2,3-Trichloropropane	0.0005	
Trichlorotrifluoroethane	0.0005	
1,2,4-Trimethylbenzene	0.0005	
1,3,5-Trimethylbenzene	0.0005	
Vinyl Chloride	0.0005	
Total Xylene	0.0005	
Methyl Ethyl Ketone	0.005	

Group 4: Pesticides Herbicides & PCB's	Endrin Lindane Methoxychlor PCBs Toxaphene Silvex 2,4,5,- TP 2,4-D Alachlor Aldrin Atrazine Chlordane Dalapon Dicamba Dichloran Dieldrin Dinoseb Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Pentachloronitrobenzene Pentachlorophenol Picloram Simazine Trifluralin	00001 0.00002 0.0001 0.0001 0.001 0.0002 0.0001 0.0002 0.001 0.0001 0.0001 0.0002 0.001 0.001 0.001 0.001 0.0002 0.0004 0.0002 0.0001 0.0001 0.001 0.0004 0.0001 0.0007 0.001
Group 5	EDB (1,2-Dibromoethane) DBCP (1,2-Dibromo-3-Chloropropane)	0.00001 0.00002
Group 6: Carbamates	Aldicarb Aldicarb Sulfone Aldicarb Sulfoxide Carbaryl Carbofuran 3-Hydroxycarbofuran Methomyl Oxamyl	0.0005 0.00065 0.00045 0.00069 0.00067 0.00077 0.00047 0.00063
Group 7: Drinking Water Organics	Aldrin Benzo(a)pyrene Butachlor Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dieldrin Hexachlorobenzene Metolachlor Metribuzin Propachlor Simazine	0.00002 0.00002 0.00008 0.00006 0.00008 0.00003 0.00007 0.00009 0.00012 0.00006 0.00011
Group 8: Synthetic Organic Compounds	Glyphosate Endothall Diquat	0.00181 0.00895 0.0004
Group 9: Disinfection By-Products	Bromoform Bromodichloromethane Chloroform Dibromochloromethane Monochloroacetic Acid Dichloroacetic Acid Monobromoacetic Acid Trichloroacetic Acid Dibromoacetic Acid Bromate Bromide Chlorite	0.0005 0.0005 0.0005 0.0005 0.002 0.001 0.001 0.001 0.001 0.001 0.005 0.005 0.010
Group 10: Inorganic Add-ons	Conductivity (Specific Conductance) Carbonate Bicarbonate (as HCO3) Hydroxide	1.0 20 20 20
Other Tests:	Method 510.1 Trihalomethane Potential Method 508.1 N/P Pesticides Method 547 Glyphosate Method 548.1 Endothall Method 549.2 Diquat Method 505 Pesticides Method 515.2 Chlorinated Acids Method 552.2 HAA's – Haloacetic Acids Method 625 BN/AE... GC/MS Method 525.2 Semivolatiles...GC/MS Ammonia Arsenic Asbestos Bromate/Bromide Chlorate/Chlorite Cyanide Dioxin (Method 1613) Lead Lead and Copper Radionuclides: Gross Alpha & Gross Beta Radium 226 & 228 Radon 222 Silica Total Phenols TOC Total Organic Carbon Total Coliform Bacteria by Membrane Filtration TC/SPC	