

Sample Name	Analytes Present	Ampulization Details
ASBESTOS	asbestos fibers	One 20 ml ampulized concentrate of friable asbestos suspended in water.
CALCIUM HARDNESS	Calcium Hardness (as CaCO ₃)	One, 22.5 mL, ampulized aqueous concentrate neutralized with 1.625% to 3.55% HNO ₃
CORROSIVITY	pH and calculation of saturation index	One, 22.5 mL, ampulized aqueous concentrate for pH, (see Alkalinity, Total Dissolved Solids, and Ca Hardness for calculation determination)
CYANIDE	Cyanide	One, 22.5 mL, ampulized aqueous concentrate stabilized with 0.4% 5N NaOH
INORGANIC DISINFECTION BYPRODUCTS #2	Chlorate, Chlorite	2.5 mL ampulized aqueous concentrate stabilized with 0.05% Ethylenediamine solution
INORGANIC DISINFECTION BYPRODUCTS #1	Bromate, Bromide	2.5 mL ampulized aqueous concentrate stabilized with 0.05% Ethylenediamine solution

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METALS	As; Cd; Hg; Pb; Sb; Se; Tl; U (mass), Ag; Al; B; Ba; Be; Cr; Cu; Fe; Mn; Mo; Ni; V; Zn	One, 22.5 mL, ampulized aqueous concentrate in 5% HNO ₃ containing at least 60% of the analytes
MINERALS	Chloride; Nitrate (as N); Sulfate; Fluoride; Orthophosphate (as P)	One, 22.5 mL, ampulized aqueous concentrate
MINERALS II	Ca, K, Mg, Na	One, 22.5 mL, ampulized aqueous concentrate neutralized with 1.075% to 3.85% HNO ₃
NITRITE	Nitrite	One, 22.5 mL, ampulized aqueous concentrate
PERCHLORATE	Perchlorate	2.5 mL ampulized aqueous concentrate
SILICA	SiO ₂	One, 30 mL, bottled aqueous concentrate
SPECIFIC CONDUCTANCE	Potassium chloride	One, 22.5 mL, ampulized aqueous concentrate
SURFACTANTS	Surfactant (MBAS)	One, 22.5 mL, ampulized aqueous concentrate stabilized with 0.05% H ₂ SO ₄
TOTAL ALKALINITY	alkalinity (as CaCO ₃)	One, 22.5 mL, ampulized aqueous concentrate

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TOTAL DISSOLVED SOLIDS	Total Dissolved Solids (TDS)	One, 22.5 mL, ampulized aqueous concentrate
ORGANIC CARBON	Total Organic Carbon (TOC); and Dissolved Organic Carbon	One, 22.5 mL, ampulized aqueous concentrate
TURBIDITY	Turbidity	One, 22.5 mL, ampulized aqueous concentrate stabilized with 0.05% Formaldehyde
UV 254 ABSORBANCE	UV 254 Absorbance	One, 22.5 mL, ampulized aqueous concentrate
BENZO(a)PYRENE	benzo(a)pyrene	One, 2.5 mL, ampulized concentrate in Methanol
CHLORDANE	chlordan (technical)	One, 2.5 mL, ampulized concentrate in Acetone
DIQUAT	diquat	One, 2.5 mL, silanized glass ampulized aqueous concentrate
ENDOTHALL	endothall	One, 2.5 mL, ampulized concentrate in Acetone
GLYPHOSATE	glyphosate	One, 2.5 mL, silanized glass ampulized aqueous concentrate
METHYL CARBAMATE PESTICIDES	aldicarb; aldicarb sulfone; aldicarb sulfoxide; carbaryl; carbofuran; 3-hydroxycarbofuran; methomyl; oxamyl	One, 2.5 mL, ampulized concentrate in Methanol

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MICROEXTRACTABLES	1,2-dibromoethane (EDB); 1,2-dibromo-3-chloropropane (DBCP)	One, 2.5 mL, ampulized concentrate in Methanol
MIXED ESTERS	di (2-ethylhexyl) adipate; bis (2-ethylhexyl) phthalate	One, 2.5 mL, ampulized concentrate in Acetone
MIXED HERBICIDES	2,4-D; 2,4,5-TP (Silvex); acifluorfen; dalapon; dicamba; dinoseb; pentachlorophenol; picloram	One, 2.5 mL, ampulized concentrate in Acetone
MIXED PESTICIDES - I	aldrin; dieldrin; endrin; heptachlor; heptachlor epoxide; hexachlorobenzene; hexachlorocyclopentadiene; gamma-BHC (lindane); methoxychlor; propachlor; trifluralin	One, 2.5 mL, ampulized concentrate in Acetone containing at least 10 analytes
MIXED PESTICIDES - II	alachlor; atrazine; butachlor; metolachlor; metribuzin; simazine	One, 2.5 mL, ampulized concentrate in Acetone
ORGANIC DISINFECTION BYPRODUCTS	bromochloroacetic acid; dibromoacetic acid; dichloroacetic acid; monobromoacetic acid; monochloroacetic acid; trichloroacetic acid	One, 2.5 mL, ampulized concentrate in MTBE
PCBs in WATER	PCBs as decachlorobiphenyl, PCB aroclor identification (PCB screen)	One, 2.5 mL, ampulized concentrate in Acetone containing one of the following; Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260

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TOXAPHENE	toxaphene	One, 2.5 mL, ampulized concentrate in Acetone
TRIHALOMETHANES	bromodichloromethane; bromoform; dibromochloromethane; chloroform; evaluation of total trihalomethanes	One, 2.5 mL, ampulized concentrate in Methanol
VOLATILE AROMATICS	At least 60% of analytes from the following list: benzene; bromobenzene; n-butylbenzene; sec-butylbenzene; tert-butylbenzene; chlorobenzene; 2-chlorotoluene; 4-chlorotoluene; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; ethylbenzene; hexachlorobutadiene; isopropylbenzene; p-isopropyltoluene (p-cymene); naphthalene; n-propylbenzene; styrene; toluene; 1,2,3-trichlorobenzene; 1,2,4-trichlorobenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; total xylenes	One, 2.5 mL, ampulized concentrate in Methanol containing at least 60% of the analytes listed.
VOLATILE HALOCARBONS	At least 60% of analytes from the following list: bromochloromethane; bromomethane; carbon tetrachloride; chloroethane; chloromethane; dibromomethane; dichlorodifluoromethane; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; cis-1,2-dichloroethene; trans-1,2-dichloroethene; 1,2-dichloropropane; 1,3-dichloropropane; 2,2-dichloropropane; 1,1-dichloropropene; cis-1,3-dichloropropene; trans-1,3-dichloropropene; methylene chloride; methyl tert-butyl ether (MTBE); 1,1,1,2-tetrachloroethane; 1,1,2,2-tetrachloroethane; tetrachloroethene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethene; trichlorofluoromethane; 1,2,3-trichloropropane; vinyl chloride	One, 2.5 mL, ampulized concentrate in Methanol containing at least 60% of the analytes listed.
GAMMA EMITTERS	gamma emitters (barium-133, cesium-134, cesium-137, cobalt-60, zinc-65)	One, 10 mL, screw-top vial with carrier solution in 0.1M HNO3 and 0.1 M HCl

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GROSS ALPHA & BETA	Cesium-137 and Thorium	One, 10 mL, screw-top vial with carrier solution diluted in 0.1M HNO ₃
IODINE	iodine-131	One, 10 mL, screw-top vial with carrier solution in deionized water stabilized with 0.2g/L Sodium thiosulfate and 0.04g/L Sodium carbonate
RADIUM /URANIUM	radium 226 & 228, uranium activity	One, 10 mL, screw-top vial with carrier solution and stabilizer in 0.1 M HNO ₃
STRONTIUM	strontium 89/90	One, 10 mL, screw-top vial with carrier solution and stabilizer in 0.1M HNO ₃ (0.1 M HCl may substitute for 0.1M HNO ₃)
TRITIUM	tritium (with a blank)	One, 250 mL, screw-top vial with carrier solution and stabilizer in deionized water, and 150 ml container with a blank solution