



Minimum Sample Volumes - Soil/Solid

To ensure the required reporting limits, please make every attempt to submit the Requested Sample Volume. Samples cannot be processed when the Minimum Sample Volume is not submitted.

Organics	Analyte	Sample Volume - Minimum*	Sample Volume - Requested
	Volatiles (5035), Gasoline Range Organics- MI	10 g	10g
	Volatiles (5030), Gasoline Range Organics- OH	10 g	4 oz
	Semi Volatiles	30 g	4 oz
	PCBs	15 g	4 oz
	Organochlorine Pesticides	15 g	4 oz
	Organochlorine Pesticides/ PCBs	15 g	4 oz
	2,4-D, 2,4,5-TP	30 g	4 oz
	Organochlorine Herbicides	30 g	4 oz
	Diesel Range Organics	15 g	4 oz
	Ethylene Glycol	10 g	4 oz
	Glycols (ethylene, propylene, triethylene)	10 g	4 oz
Alcohols (n-butanol, ethanol, isobutanol, isopropanol, methanol)	10 g	4 oz	
Inorganics	Analyte	Sample Volume - Minimum*	Sample Volume - Requested
	Metals	50 g	4 oz
	Mercury	50 g	4 oz
	Bromide	5 g	4 oz
	Chromium, Hexavalent	15 g	4 oz
	Chloride	5 g	4 oz
	Corrosivity	5 g	4 oz
	Cyanide, Total	5 g	4 oz
	Fluoride	5 g	4 oz
	Ignitability	10 g	4 oz
	Nitrogen, Ammonia	5 g	4 oz
	Nitrogen, Total Kjeldahl	10 g	4 oz
	Nitrogen, Nitrate	5 g	4 oz
	Nitrogen, Nitrite	5 g	4 oz
	Nitrate Plus Nitrite	5 g	4 oz
	pH	5 g	4 oz
	Phosphorus (water soluble)	5 g	4 oz
Sulfate	5 g	4 oz	
Sulfide, Total		4 oz	
Misc	Analyte	Sample Volume - Minimum	Sample Volume - Requested
	% Moisture	30 g	4 oz

* Bare Minimum sample volumes do not account for the percent moisture sample volume



Minimum Sample Volumes - Water

To ensure the required reporting limits, please make every attempt to submit the Requested Sample Volume. Samples cannot be processed when the Minimum Sample Volume is not submitted.

	Analyte	Sample Volume - Minimum	Sample Volume - Requested
Organics	Volatiles, Gasoline Range Organics	40 mL	120 mL
	Semi Volatiles	650 mL	1 Liter
	PCBs	650 mL	1 Liter
	Organochlorine Pesticides	650 mL	1 Liter
	Organochlorine Pesticides/ PCBs	650 mL	1 Liter
	2,4-D, 2,4,5-TP	650 mL	1 Liter
	Organochlorine Herbicides	650 mL	1 Liter
	Diesel Range Organics	650 mL	1 Liter
	Ethylene Glycol	2 mL	40 mL
	Glycols (ethylene, propylene, triethylene)	2 mL	40 mL
	Alcohols (n-butanol, ethanol, isobutanol, isopropanol, methanol)	2 mL	40 mL
Inorganics	Analyte	Sample Volume - Minimum	Sample Volume - Requested
	Mercury	100 mL	250 mL
	Metals Filtering (dissolved metals)	100 mL	250 mL
	Total Metals	100 mL	250 mL
	Alkalinity	50 mL	250 mL
	Biochemical Oxygen Demand	300 mL	500 mL
	Bromide	10 mL	50 mL
	Carbon, Total Organic	10 mL	40 mL VOA
	Chemical Oxygen Demand	5 mL	10 mL
	Chromium, Hexavalent	50 mL	125 mL
	Chloride	10 mL	50 mL
	Chlorine Demand	2 Liters	2 Liters
	Chlorine, Total Residual	25 mL	50 mL
	Cyanide, Amenable	50 mL	250 mL
	Cyanide, Available	20 mL	40 mL
	Cyanide, Total	50 mL	250 mL
	Dissolved Oxygen	50 mL	125 mL
	Fats, Oils, & Grease	100 mL	500 mL
	Fluoride	10 mL	50 mL
	Hardness	100 mL	250 mL
	Ignitability	50 mL	125 mL
	Low Level Mercury	40 mL	120 mL
	Nitrogen, Ammonia	100 mL	250 mL
	Nitrogen, Total Kjeldahl	50 mL	250 mL
	Nitrogen, Nitrate	10 mL	50 mL
	Nitrogen, Nitrite	10 mL	50 mL
	Nitrate Plus Nitrite	10 mL	50 mL
	pH	10 mL	25 mL
	Phenolics, Total	100 mL	250 mL
	Phosphorus, Ortho (dissolved)*	100 mL	250 mL
	Phosphorus, Total	100 mL	250 mL
	Reactivity	25 mL	125 mL
	Solids, Total	50 mL	250 mL
	Solids, Total Dissolved	50 mL	250 mL
Solids, Total Suspended	50 mL	250 mL	
Solids, Total Volatile	50 mL	250 mL	
Specific Conductance	25 mL	50 mL	
Sulfate	10 mL	50 mL	
Sulfide, Total	50 mL	250 mL	
Turbidity	100 mL	250 mL	