

Copies: White - Laboratory, Yellow - Sampler

Drinking Water Sample Bottle Requirements

Parameter	Bottle	Volume (mL)	Preservative	Store	Holding Time	Comments
MICROBIOLOGY:						
Total Coliform, E. coli, HPC	P, S	300	Na ₂ S ₂ O ₃	R	48 hours	No rinsing. Be careful not to touch open top of sterile bottle.
INORGANICS:						
Alkalinity	P, G	250 - 1000	None	R	14 days	Grab
Nitrate (NO ₃), Nitrite (NO ₂)	P	250 - 1000	None	R	7 days	Grab
Fluoride (F)	P	250 - 1000	None	R	28 days	Grab
Mercury, ICP/MS	P	125	HNO ₃ to pH<2		14 days	No rinsing. Be careful of acid preservative.
Mercury, CVAA	G	125	HCl to pH<2		14 Days	No rinsing. Be careful of acid preservative.
Metals	P	125	HNO ₃ to pH<2		60 days	No rinsing. Be careful of acid preservative.
Lead (Pb), O. Reg. 243/07	P	2 x 1000	HNO ₃ to pH<2		60 days	No rinsing. Be careful of acid preservative. One standing and one flushed.
Lead (Pb), O. Reg. 170/03, Schedule 15.1 Plumbing	P	2 x 1000	HNO ₃ to pH<2		60 days	No rinsing. Be careful of acid preservative.
Lead (Pb), O. Reg 170/03, Distribution	P	125 - 1000	HNO ₃ to pH<2		60 days	No rinsing. Be careful of acid preservative.
Sodium (Na)	P, G	250 - 1000	HNO ₃ to pH<2		60 days	No rinsing. Be careful of acid preservative.
ORGANICS:						
Semi-Volatiles/Phenolics	A	1000	Na ₂ S ₂ O ₃	R	20 days to extraction/ 40 days post-extraction	No rinsing.
Diquat, Diuron, Glyphosate, Paraquat	P	1000	Na ₂ S ₂ O ₃	R	20 days	No rinsing.
Haloacetic Acids (HAA)	G	2 x 40	NH ₄ Cl	R	14 days	No rinsing.
Organochlorine Pesticides/PCBs	A	1000	Na ₂ S ₂ O ₃	R	20 days to extraction/ 40 days post-extraction	No rinsing.
Phenoxyacid Herbicides	A	2 x 40	Na ₂ S ₂ O ₃	R	14 days	No rinsing.
Triazines/Carbamates/OPPs	A	1000	Na ₂ S ₂ O ₃	R	14 days to extraction/ 28 days post-extraction	No rinsing.
Per- and Polyfluoroalkyl Substances (PFAS)	P	2 x 125	Na ₂ S ₂ O ₃	R	28 days to extraction/28 days post-extraction	No rinsing. For further instructions see website.
Volatiles Organic Compounds (VOC), incl. THMs	A, ST	2 x 40	Na ₂ S ₂ O ₃	R	7 days	Fill slowly and completely - no air bubbles present.

Legend: G=Glass P=Plastic A=Amber Glass ST=Stepum Top S=Sterile R=Refrigerate

For full schedule 23/24 analysis please submit 3 x 1 L amber with sodium thiosulphate, 1 x 1L plastic with sodium thiosulphate, 1 x 125 mL plastic with nitric acid, and 4 x 40 mL vials with sodium thiosulphate.

It is recommended that all samples be kept between 4°C and 10°C to ensure sample integrity. All volumes are in mL unless otherwise noted.

Please contact laboratory for parameters not listed.

DEPOTS:

North York	401 Magentic Drive, Unit #1, North York, ON, M3J 3H9 - Telephone: 416-661-5287
St. Catharines	380 Vansickle Road, Unit #630, St. Catharines, ON, L2S 0B5 - Telephone: 905-680-8887
Kingston	608 Norris Court, Kingston, ON, K7P 2R9 - Telephone: 613-634-9307

ONLINE FORMS:

The current versions of "Guidance on the Collection and Handling of Drinking Water Samples" and "Guidance on the Completion of Drinking Water Chain-of-Custody Forms" are available at: <https://www.eurofins.ca/en/services/environment-testing/resources/download-forms/>.