

GLYPHOSATE

Test Description	Determination of Glyphosate (N-phosphonmethyl glycine) in drinking water.
Test Use	Useful for evaluating glyphosate in drinking waters, but best suited for non-chlorinated drinking waters.
Test Department	Organic Chemistry: Phone 860-920-6581/6693 Fax 860-920-6703
Methodology	EPA Method 547; Direct-Aqueous-Injection HPLC, Post-Column Derivitization, and Fluorescence Detection
Availability	Year-round
Sample Requirements	Two (2) 60-mL samples
Container type /Preservative	60-mL amber glass screw cap bottles with caps equipped with Teflon-faced silicone septa. 6 mg Sodium Thiosulfate preservative for chlorinated samples. No preservative for non-chlorinated samples.
Collection Instructions (Note 1)	For taps, remove aerators and let water run 4-5 minutes. For outdoor locations, sampling location should be in accordance with a preapproved quality assurance project plan.
Sample Holding Time & Transport	Samples must be maintained at 4°±2°C from collection to analysis, and must be analyzed within 14 days of collection.
Unacceptable Conditions	Incomplete requisition form. Insufficient sample volume. Samples received beyond the 14-day holding time. Improper collection/container/preservative.
Requisition Form	Use the Organics/Radiation Water Examination request form.
Required Information	Fill out entire requisition form.
Limitations	Samples not held at 4°±2°C for more than 3 hours (from when samples are collected and received by the laboratory) will have qualified results.
Additional Comments	

Note 1: See *New England States Environmental Sampling Guide*, latest edition.

<https://www.epa.gov/sites/production/files/2015-06/documents/NE-States-Sample-Collection-Manual.pdf>