

## CYANIDE

<b>Test Description</b>	Determination of cyanide in water.
<b>Test Use</b>	Useful for evaluating potable and non-potable waters.
<b>Test Department</b>	Inorganic Chemistry: Phone 860-920-6665/6666/6667 Fax 860-920-6670
<b>Methodology</b>	QuickChem Method 10-204-00-1-X: Micro-distillation
<b>Availability</b>	Year-round
<b>Sample Requirements</b>	One (1) 1-L sample collected in a pre-cleaned amber glass bottle.
<b>Container type /Preservative</b>	1-L amber glass bottle containing Sodium Hydroxide preservative. 0.1 g Ascorbic Acid preservative is added to chlorinated samples.
<b>Collection Instructions (Note 1)</b>	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.
<b>Sample Holding Time &amp; Transport</b>	Samples are iced or refrigerated and kept at $4^{\circ}\pm 2^{\circ}\text{C}$ from time of collection until analysis. Samples must be analyzed within 14 days of collection.
<b>Unacceptable Conditions</b>	Incomplete requisition form. Insufficient sample volume. Samples received beyond the 14-day holding time.
<b>Requisition Form</b>	Use the Inorganic Chemistry form (Drinking Water, Stream Survey, or Non-Potable Water) as appropriate to the type of water collected.
<b>Required Information</b>	Fill out entire requisition form.
<b>Limitations</b>	Samples which are received by the lab and test positive for chlorine or require pH adjustment will receive a notation on the final report.
<b>Additional Comments</b>	

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>