

<b>AMMONIA NITROGEN</b>	
<b>Test Description</b>	Determination of ammonia nitrogen in water.
<b>Test Use</b>	Useful for evaluating ammonia in drinking, ground, surface, and saline waters; domestic and industrial wastes.
<b>Test Department</b>	Inorganic Chemistry: Phone 860-920-6666/6667 Fax 860-920-6670
<b>Methodology</b>	SM 4500-NH <sub>3</sub> D: Potable waters and surface waters requiring lower detection limits. Lachat QuickChem Method: Non-potable waters and wastewaters.
<b>Availability</b>	Year-round
<b>Sample Requirements</b>	One (1) sample collected in a pre-cleaned plastic Chem Bottle.
<b>Container type /Preservative</b>	½ Gallon Chem Bottle Sulfuric Acid preservative to achieve pH ≤ 2
<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°±2°C from time of collection until analysis. Preserved samples must be analyzed within 28 days of collection.
<b>Unacceptable Conditions</b>	Incomplete requisition form. Insufficient sample volume. Preserved samples received beyond the 28-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>	
<b>Additional Comments</b>	Samples can be acid-preserved at time of collection, or in the laboratory upon receipt.

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>