



IDAHO DEPARTMENT OF HEALTH & WELFARE  
**DIVISION OF PUBLIC HEALTH**

Test Title	EPA 351.2 Determination of Total Kjeldahl Nitrogen by FIA
<b>Sample Requirements</b>	<ol style="list-style-type: none"><li>1. Sample type: Water</li><li>2. Minimum sample size: 250 mL</li><li>3. Maximum holding time before analysis:<ol style="list-style-type: none"><li>a. Unpreserved samples must be submitted to the lab within 48 hours after collection.</li><li>b. Samples preserved with sulfuric acid: 28 days</li></ol></li><li>4. Samples must be stored refrigerated (&lt;4°C) until shipment to IBL.</li><li>5. Rejection criteria: Samples may not be analyzed if maximum holding time is exceeded or appropriate temperature is not maintained.</li></ol>
<b>Sampling Materials</b>	<ol style="list-style-type: none"><li>1. Sample container: Clean plastic container. If the sample is preserved before submission to the lab, please add a yellow sticker or write H2SO4 on the bottle to indicate preservation.</li></ol>
	
<b>Procedural Notes</b>	<ol style="list-style-type: none"><li>1. <a href="#">Environmental Analysis Request Form Non-Drinking Water</a></li><li>2. Price: \$34</li></ol>
<b>Shipping Instructions</b>	<ol style="list-style-type: none"><li>1. Temperature/preservative instructions: Samples must be shipped in a cooler on ice or frozen gel packs. If the sample is preserved with sulfuric acid before shipment to the lab, it must be preserved to pH&lt;2. Do not allow the sample to freeze.</li><li>2. Ship to: Idaho Bureau of Laboratories <b>ATTENTION: Chemistry Section</b> 2220 Old Penitentiary Rd Boise, ID 83712</li></ol>
<b>Reporting and Turnaround Time (TAT)</b>	<ol style="list-style-type: none"><li>1. TAT: 14 days unless also submitted for other tests with longer turnaround times</li><li>2. Results will be mailed unless other delivery method is requested.</li><li>3. Reference Range:<ol style="list-style-type: none"><li>a. Minimum Detection Limit: 0.027 mg/L</li><li>b. Minimum Reporting Limit: 0.1 mg/L</li></ol></li></ol>