

**Nutrients Analysis in Water**  
**SAMPLING INSTRUCTIONS**  
**EPA 300.0, 365.1**

1. Bottles are provided by AEL. Clean poly bottles of 250ml volume are used for this test. No preservative is required.
2. Let the water of the sample source run at fast flow for 1-2 min to clear lines. If it is surface water, rinse a sample bottle with a sample water two time before filling up the bottle.
3. At the slower water flow fill all bottles slightly overflowing. Volumes and hold times are as follows:

Parameter		Hold Times
T-P	1 250ml /poly no preservative	28days
TDP	1 250ml /poly no preservative	28days
TN	1 250ml /poly no preservative	28days
NH <sub>4</sub>	1 250ml /poly no preservative	28days
Cl, NO <sub>2</sub> , NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub>	1 250ml /poly no preservative	14days
TC/TOC, DC/DOC	1 500ml /poly no preservative	14days

Screw cap on.

4. On the label-sticker on each bottle provide the information listed below:
  - a. Sample ID
  - b. Type of analysis required
  - c. Sampling Time
5. Fill out Chain of Custody (COC) provided specifying in it
  - a. Client name, address, telephone number and e-mail address
  - b. Sample matrix and sample Ids
  - c. Type of analysis required
  - d. Sample date and time
  - e. Other information required in COC
6. Store at 4°C until transported to lab.
7. **SHIP samples** overnight in a cooler with FROZEN ice packs to maintain the inside temperature at 4°C.
8. All samples should arrive at the lab within 48 hours of sampling.
9. All samples are kept frozen at -20 °C until analyzed.