

Sampling Instructions for Inorganic Analysis

Please read the following instructions carefully before sampling. Samples may be rejected if all instructions are not followed.

Sample Kit Contents:

- 250ml plastic bottle preserved nitric acid (HNO₃)
- 250ml plastic bottle with no preservative
- 1L plastic bottle preserved with sodium hydroxide (NaOH) or ascorbic acid

Sample Collection:

1. Collect sample from a state approved location. If one has not been designated, select an appropriate location that is representative of the distribution system (representative of the overall source).
2. **DO NOT rinse the sample bottles.** A few drops of nitric acid (HNO₃) have been added as a preservative to the bottle with the red dots. A few pellets of sodium hydroxide (NaOH) or ascorbic acid have been added as a preservative to the bottle with the purple dots. **DO NOT ALLOW THE PRESERVATIVE TO COME IN CONTACT WITH SKIN OR CLOTHING.**
3. Allow water to run (at least two minutes) until it reaches a constant temperature.
4. Fill up all bottles, but please do not overflow.
5. Screw the lids on tightly to prevent leakage during shipment and fill out the bottle labels completely.

After Sample Collection

1. Place bottles in shipping container with the frozen refrigerant pack. Place the insulating material between the bottles and the refrigerant pack. Samples must be stored at temperature 4±2°C. **If samples are not preserved properly, the data will be flagged as such.**
2. Complete Chain of Custody information. Indicate exact time, date, and location where sample was taken.

If you have any questions regarding the sampling procedure, please contact our Customer Service at (503) 254-1794.