



Alloway
Your Resource for Defensible Data

Sampling Instructions: Nitrite, Nitrate, Chlorite & Cyanide

CAUTION: Bottles may contain a preservative. Handle with care. Do not rinse or overflow containers. Wear gloves when handling acids. If the preservative accidentally comes in contact with skin or clothing, rinse IMMEDIATELY and THOROUGHLY. Alloway assumes no responsibility for sampling procedures or for accidents that may occur while sampling.

Nitrite

1. Collect sample from the cold water tap. Flush water for approximately 5 minutes before filling the sample bottle.
2. Fill one 4-oz. bottle (no preservatives) for each sample site.
3. Immediately cap the bottle tightly.
4. Fill out the paperwork with the date and time collected, sample location, analysis requested (NO_2), and the address where the report should be sent.
5. Please return the sample to the lab ON ICE and as soon as possible due to the 48-hour hold time.

Nitrate

Caution: The sample bottle contains sulfuric acid as a preservative.

1. Collect water from the cold water tap.
2. Before filling the bottle, flush any water from the tap until water runs cold.
3. Fill a 4-oz. container at each sample site. DO NOT overflow the sample.
4. Fill paperwork out with date and time collected, return address, sample location, and analyses required (NO_3).
5. Please return the sample to the lab as soon as possible. The holding time for nitrate is 28 days.

Chlorite

Caution: The enclosed sample containers have a chemical preservative, ethylenediamine (EDA), to stabilize the chlorite content in the sample. DO NOT empty or rinse the container before taking the sample.

1. Fill the container so that there is no head space, but DO NOT overflow the container.
2. Return the sample, packed on ice, to the laboratory as soon as possible. There is a 14-day holding time for this parameter.
3. In case of skin contact with this chemical, wash thoroughly with cold water IMMEDIATELY. In case of eye contact, rinse immediately with cold water and seek medical help as soon as possible. If swallowed, DO NOT induce vomiting but drink water and seek immediate medical help.

Cyanide

1. Sample container has sodium hydroxide (NaOH) in it as a preservative. Do not empty or rinse out.
2. Open sample container and fill with water. Do not overflow.
3. Re-cap container and return to the laboratory as soon as possible.

Note: Failure to follow these instructions may necessitate re-sampling.

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