

# Disinfection Byproducts - Bromate

## SAMPLE COLLECTION PROCEDURE

### Reference Method EPA 317.0

**Read instructions carefully.**

**Samples may be rejected if ALL instructions are not followed.**

- **Safety concerns:**

**Caution!** Sample bottles contain chemicals. Open containers slowly and carefully. Do not rinse out containers.

- **Sample bottle:**

- 125 mL opaque plastic bottle with 50 mg/L Ethylenediamine (EDA)

- **Shipping/sample hold time:**

- Ship immediately.

- **Sampling locations:**

- State-approved or State-accepted location listed on the Chain of Custody. If one of your locations is not in use, contact your compliance officer for direction.

- **Sample collection procedure:**

1. Attach the pre-printed label to the bottle. If you do not have a pre-printed label, write the following information, using a ballpoint or permanent pen, on the generic bottle label: PWSID, PWS Name, and Location ID.
2. Remove any attachments from the sample tap.
3. Turn on the cold water tap and run for 4 to 5 minutes, or until the water temperature has stabilized, whichever is longer.
  - a. If there is only one faucet handle, make sure it is in the cold water position.
4. Reduce the flow of the water so the stream is steady and the width of a pencil.
5. Remove bottle cap and hold in hand. Do not touch the underside of the cap or the inside of the bottle.
6. Fill bottle to the shoulder. **DO NOT** overfill the container.
7. Screw the cap back on the bottle. Make sure the cap is on securely. Turn the bottle upside down to make sure the water does not leak.

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8. Gently mix the sample by turning the bottle back and forth for 15 seconds.
9. Replace any attachments that were removed from the faucet or sample tap.

### **Complete the Chain-of-Custody form using a ballpoint or permanent pen:**

1. Name of the sample collector.
2. Date and Time collected (include a.m. or p.m.).
3. Put your signature on the “Relinquished By” line, including date and time. The date and time are when the sample is put in the return mailer and sealed. If samples pass hands prior to packaging, both parties must sign, date, and time. The first party would put down the date and time of the transfer, and the second party would put down the date and time the sample is packaged.

### **Shipping and handling:**

1. Shipping samples:
  - a. Make sure the completed Chain-of-Custody is in the shipping container.
2. Ship to Eurofins Eaton Analytical, LLC, using the return label included in your sample kit.

### **Courier Service (Spee-Dee, UPS, FedEx, etc.)**

Eurofins Eaton Analytical, LLC  
110 South Hill Street  
South Bend, IN 46617

If you have questions, call 651-201-4700, or email [health.drinkingwater@state.mn.us](mailto:health.drinkingwater@state.mn.us)

Minnesota Department of Health  
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*To obtain this information in a different format, call 651-201-4700.*