

## Sample Bottles: Visuals

Specific bottles may vary depending on source laboratory. Images here represent bottles in typical use by MDH staff.

### Arsenic



### Disinfection Byproducts (TTHMs & HAA5)



Left: 1 Haloacetic Acid 250 mL Amber Bottle

Right: 3 Trihalomethane 40 mL Amber Vials

### Diquat and Endothall



Left: 1 Diquat 500 mL Amber Plastic Bottle and Sulfuric Acid Preservative

Right: 1 Endothall 125 mL Amber Glass Bottle with 10mg of Sodium Thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ )

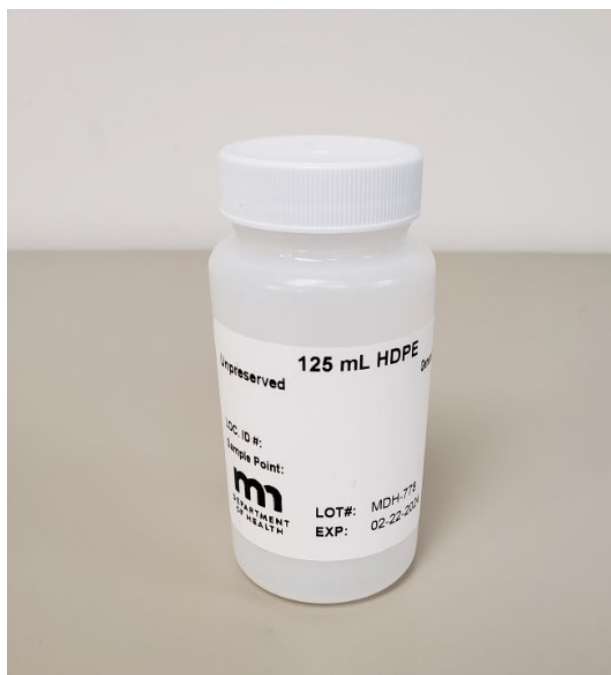
### Ethylene Dibromide (EDB)



Left: Three 40 mL vials with 3 mg Sodium Thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ )

Right: Two 40 mL Trip Blank vials pre-filled with EDB-free water and 3 mg Sodium Thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ )

## Fluoride



## IOC Non-Chlorinating Systems



Left: 500 mL Bottle and Sodium Hydroxide (NaOH) Preservative

Right: IOC Metals and Mercury 250 mL Bottle and Nitric Acid (HNO<sub>3</sub>) Preservative

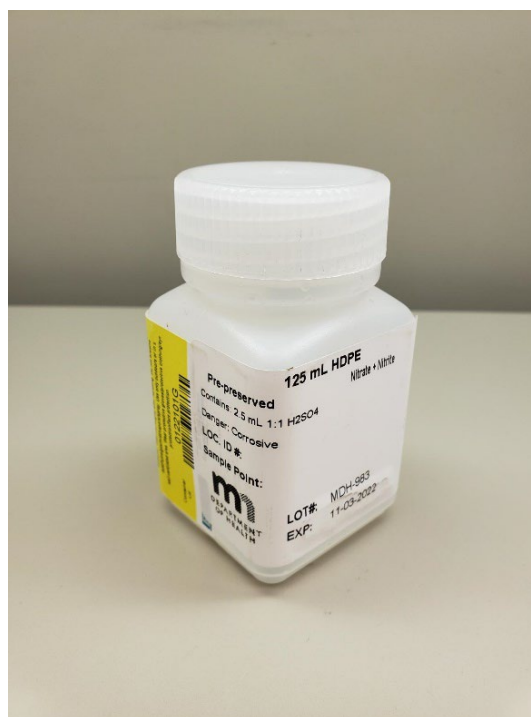
## IOC Chlorinating Systems



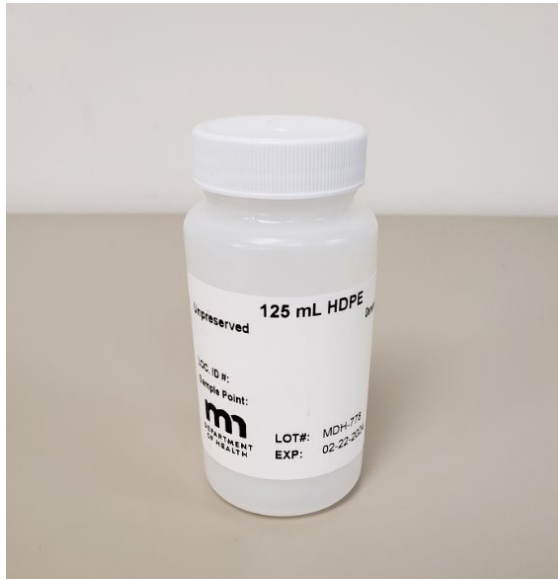
Left: 500 mL Bottle with 1.0 mL of 50 mg/mL Sodium Arsenite (NaAsO<sub>2</sub>) and Sodium Hydroxide (NaOH) Preservative

Right: IOC Metals and Mercury 250 mL Bottle and Nitric Acid (HNO<sub>3</sub>) Preservative

## Nitrate



## Nitrite



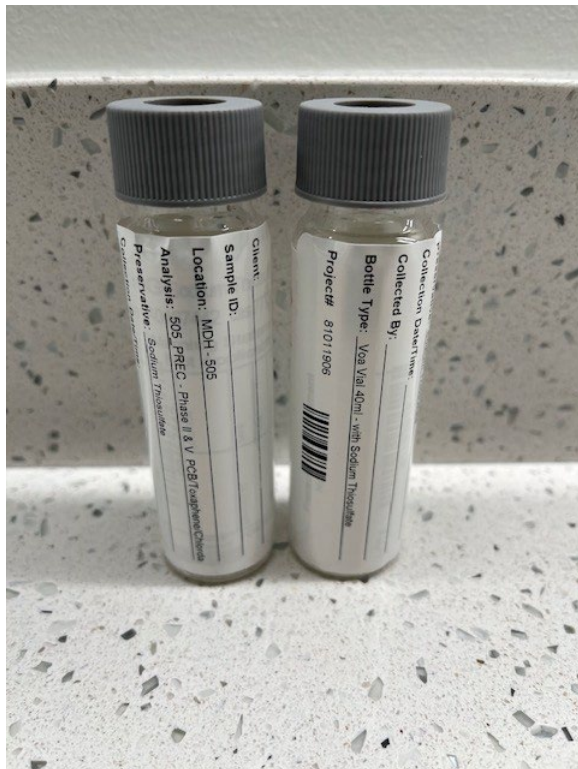
## PFAS Sample Bottles



Left Rubber Banded Bottles: **Field Blank** – transfer 250 mL **reagent water** bottle to an empty 250 mL **HDPE PFAS Bottle**

Middle to Right Bottles: 3 - 250 mL **HDPE PFAS Bottles**: Two sample bottles and a third sample bottle used for quality control

## PCB Sample Bottles



Two 40 mL clear glass vials with 3 mg Sodium Thiosulfate ( $\text{Na}_2\text{S}_2\text{O}_3$ )

## Sodium



## Source and Water Quality Parameters (WQP)

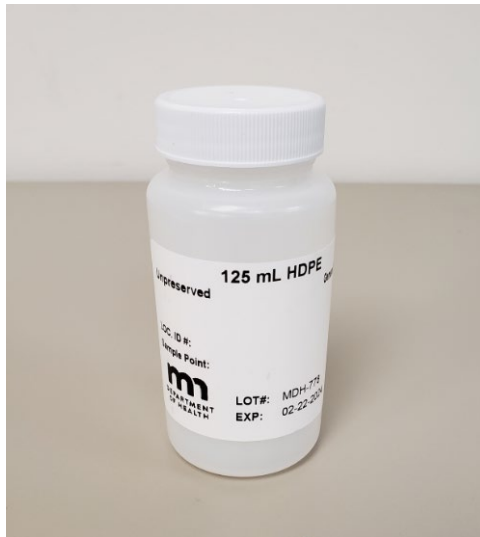


Left: 1 L General Chemistry Bottle

Middle: 250 mL Metals bottle with Nitric Acid (HNO<sub>3</sub>) preservative

Right: 250 mL Nutrient bottle with Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>) preservative

## Sulfate



## Synthetic Organic Chemicals (SOC)



Left to right: **Herbicides** 250 mL amber glass bottle | Quantity of 2 **BNA 525.2** – 1 L amber glass bottles with quantity of 2 Hydrochloric Acid (HCl) Preservatives | Quantity of 3 **BNA 505** – 40 mL clear glass vials containing 6mg Sodium Thiosulfate | **Carbamate** 40 mL amber glass vial | **Glyphosate** 40 mL amber glass vial

## Total Coliform (TC) IDEXX



## Tritium



Left: 500mL HDPE unlabeled bottle, for sample analysis

Middle: 500mL HDPE unlabeled bottle, for duplicate analysis or in case of issues at the lab

Right: 125 HDPE unlabeled bottle, used to measure pH and SPC before sending for analysis

## Volatile Organic Chemicals (VOC)



Left: Three 40 mL Amber Vials

Right: Trip Blanks: Two 40 mL Vials with VOC-free Water

## Water Quality Parameters (WQPs) – Phosphate Inhibitor



Left: 250 mL bottle for phosphate

Right: 125 mL bottle for alkalinity or silica

Minnesota Department of Health | Drinking Water Protection | 651-201-4700 | [www.health.state.mn.us](http://www.health.state.mn.us)

04/2026 | To obtain this information in a different format, call: 651-201-4700.