

# Nutrient Sampling and Shipping Instructions

## Ammonia, Nitrite, and Nitrate

### Components

- 250 mL sample container
- Sulfuric Acid
- Pipette
- Gloves
- Protective eye wear

### Instructions

1. Fill 250 milliliter (mL) container up to the bottle shoulders with water sample. Label bottle with date, facility name, and location of sample if more than one sample is being submitted (for example, tank water, surface water). Keep log sheet with description of each sample.
2. Add 10 drops of concentrated sulfuric acid ( $H_2SO_4$ ) into the filled sample container until sample pH reaches 2.0. **IMPORTANT:** Wear protective personal equipment (gloves, protective eye wear).  
Store samples in refrigerator not used for human food (40-43°F) until shipment to laboratory for processing. Samples have a hold time of 28 days.

## Calcium

### Components

- 250 mL sample container

### Instructions

1. Fill 250 mL container up to the bottle shoulders with water sample. Label bottle with date, facility name and location of sample if more than one sample is being submitted (for example, tank water, surface water). Keep log sheet with description of each sample.
2. Store samples in refrigerator until shipment to laboratory for processing. Samples have a hold time of 14 days.

## Packing and Shipping

Prior to shipping, contact the FAU Harbor Branch Aquatic Animal Health Laboratory to ensure the lab is able to receive shipment and obtain specific instructions and submission forms. Pack samples in a Styrofoam box with one gel pack and ship via priority overnight courier during the first of the week. Do not ship samples during holiday weeks. Shipping and analyses will be at the facility's expense.

### Ship to:

Dr. Susan Laramore  
FAU Harbor Branch Oceanographic  
Institute—Aquaculture  
5600 US 1 North  
Fort Pierce, FL 34946

### Contact:

Susan Laramore: (772) 242-2525 or 486-8864 (cell),  
slaramo1@fau.edu  
OR  
Cari Sinacore: (845) 222-1961, csinacoremiglian@fau.edu