



### **CALTEST SAMPLING INSTRUCTIONS- CONTAINERS with Nitric Acid (HNO<sub>3</sub>)**

<b>Analysis</b>	<b>Method</b>	<b>Holding time</b>
Metals	EPA 200.8	6 months
Mercury	EPA 245.1	28 days
Hardness (by titration)	SM 2340 C	180 days

#### **Special handling instructions for containers with HNO<sub>3</sub>:**

1. Use gloves and safety glasses whenever handling bottles.
2. Inspect containers upon receipt to confirm that they are intact, with lids secured.
3. With lid secured, inspect that there is liquid preservative in the bottle. You should see an approximately nickel to quarter size drop in the bottom.
4. When sampling, use gloves and safety glasses. Open the lid carefully and away from face. Use care not to spill and avoid inhaling. Try not to overfill as that will deplete the preservative. Fill to allow a little headspace at the top of the bottle.

#### **Shipping instructions**

1. Please ship samples to arrive to the lab Monday–Friday, as soon as possible after sample collection.
2. Place containers in plastic bags (secondary containment due to HNO<sub>3</sub>).
3. Place sample upright in the middle of a cooler; ice is not required.
4. Ensure that the cooler is completely full with packing material so that the sample won't move around during shipping.
5. Put completed Chain of Custody (COC) form in a Ziplock bag and place on top, inside cooler.
6. Ship to:

Caltest Analytical Laboratory

Sample Receiving

1885 North Kelly Road

Napa, CA 94558

**Note on outside of cooler: "Sample Enclosed, Open Upon Receipt"**

Please contact Caltest Client Services with any questions: 707/258-4000 or [pmgr@caltestlabs.com](mailto:pmgr@caltestlabs.com)

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