

UMPQUA Research Company
Analytical Services

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ORELAP ID #OR100031

**FILLING AND SHIPPING INSTRUCTIONS FOR
CYANIDE
SM4500CN⁻ C/E**

The lab CANNOT accept samples that are collected or shipped improperly or if the specified temperature is not maintained during shipping. Failure to meet these requirements will result in re-sampling. PLEASE read the following instructions prior to sampling. If you have any questions, you may contact the lab at the above number.

Always follow approved sampling procedures.

SAMPLE BOTTLES:

- ◆ 1000 mL brown bottle containing Sodium Thiosulfate as preservative.
- ◆ Vial containing 10 N Sodium Hydroxide.

CAUTION: The Sodium Hydroxide is very concentrated. Exposure may cause damage to skin and clothing. Add contents carefully. Gloves are recommended.

1. Collect the sample in the brown container. DO NOT over flow the collection container as it contains sodium thiosulfate for de-chlorinating. Cap the bottle and invert three or four times to dissolve the de-chlorinating agent.
 - ◆ Wait approximately one minute to complete dechlorination process.
2. Carefully add the preservation vial to the collection bottle.
3. Cap the sample container and seal tightly.
4. Fill out sample container label as required then store sample on ice and away from direct light.

SHIPPING INSTRUCTIONS:

5. Complete the Chain of Custody as required and place in the water tight zip lock bag.
6. Samples should be received in the lab at $4 \pm 2^{\circ}\text{C}$.
7. Holding times are limited, return sample to the lab as soon as possible.