



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

SAMPLE COLLECTION OF CHLORINATED SOURCES FOR CYANIDE ANALYSIS

For more information, please feel free to contact our Quality Service Department at (800) 789-9115.

COLLECTION OF CHLORINATED SAMPLES FOR CYANIDE ANALYSIS

If residual chlorine is present in a sample, such as water collected from a Public Water Supply (PWS) or an industrial or municipal wastewater treatment plant, follow the instructions outlined below. Please notify the lab when requesting bottles if sample are to be taken from a chlorinated source.

Spectrum will provide a 250ml ascorbic acid preserved HPDE bottle along with a 2ml vial containing 1 ml of sodium hydroxide. Use caution as sodium hydroxide is corrosive. Gloves should be worn when handling any preserved containers.

1. Fill the 250ml ascorbic acid preserved bottle marked to the bottom of the neck of the bottle.
2. Cap the bottle and gently mix by inversion several times.
3. Open the bottle and add contents of 2 ml vial to the bottle.
4. Cap the bottle and gently mix by inversion several times.
5. Cool samples to $<6^{\circ}$ C immediately after collection.
6. Samples must be analyzed within 14 days of collection.