

Brookside Laboratories, Inc.
Bottle Reference Chart

Preservatives / Containers	Tests
All Metals, Hardness	250 / 500 mL plastic bottle w/ nitric acid (HNO₃)
Nitrogen (TKN, Nitrate, Ammonia, Nitrate-Nitrite), Phosphate, COD	250 mL plastic bottle w/ sulfuric acid (H₂SO₄)
Oil & Grease	1 Liter amber glass bottle w/ sulfuric acid (H₂SO₄)
Cyanide, Sulfide	250 mL plastic bottle w/ sodium hydroxide (NaOH) Sulfide – no head space
Nitrite, Fluoride, Alkalinity, Chloride, pH, TSS, TDS, TS, TVS, Turbidity, Sulfate, Residual Chlorine, Dissolved Oxygen	None (250 mL plastic bottle per test or 1 Liter for multiple tests.)
CBOD, BOD, Sludge Characteristics	None (1 Liter plastic bottle)
Herbicides, Pesticides, Fungicides, PCB's	1 Liter amber glass bottle
Lead & Copper	None (1 Liter Plastic Labeled Lead & Copper)
Certified VOC's	40 mL vials (2) w/ ascorbic acid and hydrochloric acid (HCl) squeeze bottle (Add 6 drops) (A trip blank is also sent)
Non-Certified VOC's	40 mL vial (2) w/ hydrochloric acid (HCl) in vial
HAA5	125 mL amber glass bottle w/ ammonium chloride (NH₄Cl)

SOC Group A/G/D (Method 525.2)	1 Liter glass amber bottle w/ sodium thiosulfite and HCl vial (Add entire HCl vial)
SOC Group C/E/I (Methods 508, 515.1, 548.1)	1 Liter glass amber bottle w/ sodium thiosulfate
SOC Group B (Method 530.1)	40 mL vial w/ sodium thiosulfate and 1.5 mL monochloroacetic acid buffer
SOC Group F (Method 504.1)	40 mL vial w/ sodium thiosulfate and HCl vial (Add 3 drops)
SOC Group H (Method 549.1)	1 Liter plastic amber bottle w/ H₂SO₄ vial (Add entire vial)
SOC Group J (Method 547)	40 mL vial w/ sodium thiosulfate