

VERITAS LABORATORIES
AQUEOUS SAMPLE PRESERVATION GUIDE

PARAMETER	AQUEOUS METHOD	HOLDING TIME	CONTAINER SIZE/TYPE	PRESERVATIVE
INORGANICS/METALS				
ALKALINITY	SM 2320B	14 Days	250 ml plastic	Cool, 4°C
AMMONIA	SM 4500-NH ₃	28 Days	250 ml Plastic	pH<2 (H ₂ SO ₄), 4°C
BOD-(5day)	SM 5210B	48 Hours	1 liter Plastic	Cool, 4°C
CHLORIDE	EPA 300.0	28 Days	125 ml Plastic	Cool, 4°C
CYANIDE	SM 4500-CN E	14 Days	250 ml Plastic	pH>12 (NaOH), 4°C
FLUORIDE	SM 4500-F C	28 Days	125 ml Plastic	Cool, 4°C
HYDROGEN ION (pH)	SM 4500-H+B	Immed.	125 ml Plastic	Cool, 4°C
IGNITIBILTY	SW 846 1010	14 Days	125 ml glass	Cool, 4°C
KJELDAHL & ORGANIC NITROGEN	SM 4500-N B	28 Days	500 ml Plastic	pH<2 (H ₂ SO ₄), 4°C
CHROMIUM VI	SM 3500-Cr	24 Hours	125 ml Plastic	Cool, 4°C
MERCURY	EPA 7470A	28 Days	250 ml Plastic	pH<2 (HNO ₃)
METALS (EXCEPT MERCURY AND CHROM VI)	EPA 6010B/6020	6 Months	250 ml Plastic	pH<2 (HNO ₃)
NITRATE	EPA 300.0	48 Hours	125 ml Plastic	Cool, 4°C
NITRITE	EPA 300.0	48 Hours	125 ml Plastic	Cool, 4°C
OIL AND GREASE	EPA 1664A	28 Days	2 X 1 Liter Amber Glass	pH<2 (HCL), 4°C
ORGANIC CARBON, TOTAL	EPA 9060	28 Days	125 ml amber Glass	pH<2 (HCL), 4°C
PHENOLICS	EPA 420.1	28 Days	2 X 1 Liter Amber Glass	pH<2 (H ₂ SO ₄), 4°C
PHOSPHORUS, ORTHO-	SM 4500-P	48 Hours	250 ml Plastic	Cool, 4°C
PHOSPHORUS, TOTAL	SM 4500-P	28 Days	250 ml Plastic	pH<2 (HCL), 4°C
SPECIFIC CONDUCTANCE	EPA 120.1	28 Days	125 ml Plastic	Cool 4°C
SOLIDS, TOTAL DISOLVED (TDS)	EPA 2540 C	7 Days	250 ml Plastic	Cool 4°C
SOLIDS, SUSPENDE SOLIDS (TSS)	EPA 2540 D	7 Days	250 ml Plastic	Cool 4°C
SULFATE	EPA 300.0	28 Days	125 ml Plastic	Cool 4°C
SULFIDE	SM 4500S ²⁻	7 Days	250 ml Plastic	pH>9 (NaOH), ZnOAc, 4°C
TURBIDITY	SM 2130B	48 Hours	125 ml Plastic	Cool, 4°C
ORGANICS				
TOTAL PETROLEUM HYDROCARBONS (TPH)	EPA 8015M	14 Days	3 x 40ml VOA Vials	pH<2 (HCL), 4°C, No Headspace
PCB'S	EPA 8082	7 Days Ext.	2 X 1 Liter Amber Glass	Cool 4°C
PESTICIDES, CHLORINATED	EPA 8081	7 Days Ext.	2 X 1 Liter Amber Glass	Cool 4°C
CHLORINATED HERBICIDES	EPA 8151	7 Days Ext.	2 X 1 Liter Amber Glass	Cool 4°C
VOLATILE ORGANICS (VOC's)	EPA 8260	14 Days	3 x 40ml VOA Vials	pH<2 (HCL), 4°C, No Headspace
SEMI-VOLATILE ORGANICS (SVOC's)	EPA 8270	7 Days Ext.	2 X 1 Liter Amber Glass	Cool, 4°C
BTXE/MTBE	EPA 8260	14 Days	3 x 40ml VOA Vials	pH<2 (HCL), 4°C, No Headspace