

*Holding Times / Preservation*

<b>ISO 17025 Accredited Tests</b>				
<b>Determinand</b>	<b>Bottle Type</b>	<b>Minimum Sample Size mls</b>	<b>Holding Conditions</b>	<b>Holding Time</b>
Ammonia	Plastic	100ml	Freeze	28 days
BOD	Amber Glass/Plastic	400ml	Refrigerate or add conc Sulphuric acid tp pH <2	Analyse within 24 hours; Freeze, analyse within 1 week
Calcium (IC)	Plastic	50ml	Refrigerate	28 days
Chloride	Plastic	50ml	Refrigerate	28 days
COD	Plastic	50ml	Refrigerate or add conc Sulphuric acid tp pH <2	48 hrs/ 7days when preserved
Conductivity	Plastic	100ml	Refrigerate	48 hours
Dust	Glass Jar	n/a	Refrigerate	14 days
Fluoride	Plastic	50ml	Refrigerate	28 days
Magnesium (IC)	Plastic	50ml	Refrigerate	28days
Metals AAS	Plastic	200ml	For dissolved metals filter, acidify to 8% HNO <sub>3</sub>	6 months
Metals ICP MS	Plastic	50ml	For ground water filter, add 0.5ml of nitric acid and 0.25ml of hydrochloric acid	28 days
Nitrate	Plastic	50ml	Freeze	28 days
Nitrite	Plastic	50ml	Freeze	7 days
Nitrate + Nitrite	Plastic	50ml	Freeze	7 days
pH	Plastic	100ml	Refrigerate	24 hrs
Potassium (IC)	Plastic	50ml	Refrigerate	28 days
Phosphate	Plastic	50ml	Freeze	28 days
Sodium (IC)	Plastic	50ml	Refrigerate	28 days
Sulphate	Plastic	50ml	Refrigerate	28 days
Suspended Solids	Plastic	100ml	Refrigerate	7days (48hrs without refrigeration)
Total Phosphorus	Plastic	5ml	Freeze	28 days **