



ATI Water Analysis Kits

	ICP-OES Standard	ICP-OES Pro	ICP-MS Ultimate
Experience Level	Basic to Intermediate	Intermediate to Advanced	Advanced
Test Type	ICP-OES	ICP-OES	ICP-OES & ICP-MS ¹
Precision ²	PPM to PPB	PPM to PPB	PPB to PPT
Contaminant Detection			Lower Limits/ Early Detection
RO Analysis		☒	☒
Basic Elements			
KH³		☒	☒
Salinity	☒	☒	☒
Major Elements			
Boron	☒	☒	☒
Bromine	☒	☒	☒
Calcium	☒	☒	☒
Chloride	☒	☒	☒
Fluorine⁴		☒	☒
Magnesium	☒	☒	☒
Potassium	☒	☒	☒
Sodium	☒	☒	☒
Strontium	☒	☒	☒
Sulfur	☒	☒	☒

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Minor Elements			
Arsenic	☒	☒	☒
Barium	☒	☒	☒
Beryllium	☒	☒	☒
Chrome	☒	☒	☒
Cobalt	☒	☒	☒
Copper	☒	☒	☒
Iodine	☒	☒	☒
Iron	☒	☒	☒
Lithium	☒	☒	☒
Manganese	☒	☒	☒
Molybdenum	☒	☒	☒
Nickel	☒	☒	☒
Rubidium			☒
Selenium	☒	☒	☒
Silicon	☒	☒	☒
Silver	☒	☒	☒
Tin	☒	☒	☒
Vanadium	☒	☒	☒
Zinc	☒	☒	☒



ICP-OES Standard Lab



ICP-OES Pro Lab



ICP-MS Ultimate Lab

	ICP-OES Standard	ICP-OES Pro	ICP-MS Ultimate
Nutrients			
Nitrate⁵		☒	☒
Phosphate	☒	☒	☒
Phosphorus	☒	☒	☒
Pollutants			
Aluminum	☒	☒	☒
Antimony	☒	☒	☒
Bismuth	☒	☒	☒
Cadmium	☒	☒	☒
Gallium			☒
Germanium			☒
Lanthanum	☒	☒	☒
Lead	☒	☒	☒
Mercury	☒	☒	☒
Neodym			☒
Niobium			☒
Tellur			☒
Thallium	☒	☒	☒
Titanium	☒	☒	☒
Tungsten	☒	☒	☒
Zirconium			☒

1 Double Validation of Results: Our lab tests each water sample using ICP-OES (Inductively Coupled Plasma Optical Emission Spectroscopy) and ICP-MS (Inductively Coupled Plasma Mass Spectrometry) to ensure accuracy.

2 PPM (Parts Per Million); PPB (Parts Per Billion); PPT (Parts Per Trillion)

3 KH (Carbonate Hardness) is measured by End-point Titration in °dKH

4 Fluorine is measured by Ion Chromatography in PPM

5 Nitrate Measured by Ion Chromatography in PPM