

Individual vials are prepared separately. Do not combine vials into one sample.

The enclosed vials when properly diluted will give samples with known concentrations. Sample #3 should be tested for Antimony and Molybdenum. All other metals listed in the table are contained in sample #1.

Vial #1

Pipet 1.5mL of reagent grade Nitric Acid and 10.0 mL of vial #1 into a one (1) Liter volumetric flask and dilute to the mark with laboratory grade water.

Vial #3

Pipet 10.0 mL of vial #3 into a one (1) Liter volumetric flask and dilute to the mark with laboratory grade water.

Analyte	Units	DMRQA
Aluminum	ug/L	200 - 4000
Antimony	ug/L	95.0 - 900
Arsenic	ug/L	70.0 - 900
Barium	ug/L	100 - 2500
Beryllium	ug/L	8.00 - 900
Cadmium	ug/L	8.00 - 750
Chromium	ug/L	17.0 - 1000
Cobalt	ug/L	28.0 - 1000
Copper	ug/L	40.0 - 900
Iron	ug/L	200 - 4000
Lead	ug/L	70.0 - 3000
Manganese	ug/L	70.0 - 4000
Mercury	ug/L	2.00 - 30.0
Molybdenum	ug/L	60.0 - 600
Nickel	ug/L	80.0 - 3000
Selenium	ug/L	90.0 - 2000
Silver	ug/L	26.0 - 600
Thallium	ug/L	60.0 - 900
Vanadium	ug/L	55.0 - 2000
Zinc	ug/L	100 - 2000



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