



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
Met 200.8/6020A Master List (5x Conc) (EPA 200.8) in Water									
Preservation: pH<2; HNO ₃ , Cool <6°C									
Container: HDPE NM, 500 mL, 1:1 HNO ₃									
Minimum Sample Volume: 500 mL									
Hold Time: 180 days									
Aluminum-27	0.110 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Antimony-121	0.00399 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Arsenic-75a	0.00595 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Barium-135	0.00629 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Beryllium-9	0.00191 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Cadmium-111	0.00143 ug/L	0.0100 ug/L	0.0200 ug/L		20	75 - 125	20	80 - 120	20
Calcium-44	0.762 ug/L	5.00 ug/L	10.0 ug/L		20	75 - 125	20	80 - 120	20
Chromium-52	0.0137 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Cobalt-59	0.00114 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Copper-63	0.00743 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Iron-54	0.802 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Lead-208	0.00160 ug/L	0.0100 ug/L	0.0200 ug/L		20	75 - 125	20	80 - 120	20
Magnesium-24	0.123 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Manganese-55	0.00266 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Molybdenum-98	0.00200 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Nickel-60	0.00336 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Potassium-39	0.563 ug/L	2.00 ug/L	4.00 ug/L		20	75 - 125	20	80 - 120	20
Selenium-82	0.00644 ug/L	0.0500 ug/L	0.100 ug/L		20	75 - 125	20	80 - 120	20
Silver-107	0.000621 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Sodium-23	2.87 ug/L	10.0 ug/L	20.0 ug/L		20	75 - 125	20	80 - 120	20
Thallium-205	0.00124 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Vanadium-51a	0.00407 ug/L	0.0200 ug/L	0.0400 ug/L		20	75 - 125	20	80 - 120	20
Zinc-66	0.0571 ug/L	0.400 ug/L	0.800 ug/L		20	75 - 125	20	80 - 120	20