

106.1 - Metal (Inorganics) Constituents in Natural Matrices (liquid and solid forms)

These SRMs and RM are for analysis of materials of health or environmental interest. [Also see Categories 105 and 111.]

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Elemental Composition
1640a	Trace Elements in Natural Water	250 mL	22 elements certified <i>7 reference values</i>
1641e	Mercury in Water	10 x 10 mL	1 element certified
1643f	Trace Elements in Water	250 mL	29 elements certified
1646a	Estuarine Sediment	70 g	20 elements certified
1648a	Urban Particulate Matter	2 g	25 elements certified <i>8 reference values</i> (6 information values) <i>9 reference values</i>
1947	Lake Michigan Fish Tissue	5 x 8 grams	8 elements certified
2385	Slurried Spinach	4 x 70 g	7 elements certified
2387	Peanut Butter	3 x 170 g	9 elements certified plus numerous non-elemental constituents
2451	Fine Carbon (Activated) - From Cyanide Ore Leaching	100 g	1 element certified (Hg) <i>1 reference value (Au)</i>
2583	Trace Elements in Indoor Dust (Nominal Mass Fraction of 90 mg/kg Lead)	8 g	5 elements certified
2584	Trace Elements in Indoor Dust (Nominal Mass Fraction of 1 % Lead)	8 g	5 elements certified <i>10 reference values</i>
2586	Trace Elements in Soil Containing Lead From Paint (Nominal Mass Fraction of 500 mg/kg Lead)	55 g	4 elements certified <i>25 reference values</i>
2587	Trace Elements in Soil Containing Lead from Paint (Nominal Mass Fraction of 3000 mg/kg Lead)	55 g	4 elements certified <i>14 reference values</i>
2696	Silica Fume (powder form)	70 g	
2700	Hexavalent Chromium in Contaminated Soil (Low Level)	75 g	4 elements certified <i>9 reference values</i>
2701	Hexavalent Chromium in Contaminated Soil (High Level)	75 g	4 elements certified <i>8 reference values</i>
2702	Inorganics in Marine Sediment	50 g	24 elements certified 8 reference values
2703	Sediment for Solid Sampling (Small Sample) Analytical Techniques	5 g	22 elements certified <i>7 reference values</i> (9 information values)
2706	New Jersey Soil, Organics and Trace Elements	50 g	23 elements <i>29 reference values</i> plus PAHs
2709a	San Joaquin Soil Baseline Trace Element Concentrations	50 g	19 elements certified <i>15 reference values</i> (10 information values)
2710a	Montana I Soil Highly Elevated Trace Element Concentrations	50 g	22 elements certified <i>13 reference values</i> (13 information values)
2711a	Montana II Soil Moderately Elevated Trace Element Concentrations	50 g	25 elements certified <i>8 reference values</i> (12 information values)
2780a	Hard Rock Mine Waste	50 g	35 certified values <i>24 reference values</i> (5 information values)
2781	Domestic Sludge	40 g	12 elements certified <i>10 reference values</i>
2782	Industrial Sludge	70 g	10 elements certified <i>16 reference values</i>
2783	Air Particulate on Filter Media	2 +2 Blnk (47 mm dia)	18 elements certified; 9 ref values
2983	Inorganics in Geoduck Clam Tissue (<i>Panopea generosa</i>)	12 g	2 elements certified <i>4 elements non-certified</i> <i>plus non-elemental constituents non-certified</i>
8210	Hemp	3 x 1.5 g	<i>13 elements non-certified plus cannabinoids</i>
8610	Mercury Isotopes in UM-Almaden Mono-Elemental Secondary Standard	4 x 5 mL	<i>1 reference value</i>
8704	Buffalo River Sediment	50 g	<i>25 reference values</i>
8785	Air Particulate Matter on Filter Media	3 filters	<i>1 reference value</i>
8786	Filter Blank for RM 8785	filter	(1 information value)

- Certified values are normal font.

- Non-certified and reference values are italicized.

- Information values and values of potential interest are within parentheses.