

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> |

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| 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> |

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| 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 plus non-elemental constituents non-certified</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 | <i>(1 information value)</i> |

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- Certified values are normal font
 - Non-certified or reference values are italicized
 - Non-certified values in parentheses are for information only