

Estuarine sediment - Metals

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|-----------------|-----------------------------------|
| Art. ID | NIST-1646a |
| Unit | 70 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is intended primarily for calibrating instrumentation and evaluating the reliability of analytical methods for the determination of major, minor, and trace elements in estuarine sediments and similar matrices. One unit of NIST-1646a contains 70 g of material. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|--------|--------|
| | Aluminium (Al) | [7429-90-5] | 2,297 | % | | |
| | Arsenic (As) | [7440-38-2] | 6,23 | mg/kg | | |
| | Calcium (Ca) | [7440-70-2] | 0,519 | % | | |
| | Cadmium (Cd) | [7440-43-9] | 0,148 | mg/kg | | |
| | Chromium (Cr) | [7440-47-3] | 40,9 | mg/kg | | |
| | Copper (Cu) | [7440-50-8] | 10,01 | mg/kg | | |
| | Iron (Fe) | [7439-89-6] | 2,008 | % | | |
| | Potassium (K) | [7440-09-7] | 0,864 | % | | |
| | Magnesium (Mg) | [7439-95-4] | 0,388 | % | | |
| | Manganese (Mn) | [7439-96-5] | 234,5 | mg/kg | | |
| | Sodium (Na) | [7440-23-5] | 0,741 | % | | |
| | Phosphorus (P) | [7723-14-0] | 234,5 | mg/kg | | |
| | Lead (Pb) | [7439-92-1] | 11,7 | mg/kg | | |
| | Sulfur (S) | [7704-34-9] | 0,352 | % | | |
| | Selenium (Se) | [7782-49-2] | 0,193 | mg/kg | | |
| | Silicon (Si) | [7440-21-3] | 40 | % | | |
| | Titanium (Ti) | [7440-32-6] | 0,456 | % | | |
| | Vanadium (V) | [7440-62-2] | 44,84 | mg/kg | | |
| | Zinc (Zn) | [7440-66-6] | 48,9 | mg/kg | | |