

Estuarine sediment - Metals

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		