

Montana I soil - Trace and const. elements (highly elevated)

Art. ID	NIST-2710a
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in the analysis of soils, sediments, or other materials of a similar matrix. One unit of NIST-2710a consists of 50 g of the dried, powdered soil, blended with lead oxide. 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]	5,95 ± 0,05	%		
	Antimony (Sb)	[7440-36-0]	52,5 ± 1,6	mg/kg		
	Arsenic (As)	[7440-38-2]	0,154 ± 0,010	%		
	Barium (Ba)	[7440-39-3]	792 ± 36	mg/kg		
	Calcium (Ca)	[7440-70-2]	0,964 ± 0,045	%		
	Cadmium (Cd)	[7440-43-9]	12,3 ± 0,3	mg/kg		
	Cobalt (Co)	[7440-48-4]	5,99 ± 0,14	mg/kg		
	Copper (Cu)	[7440-50-8]	0,342 ± 0,005	%		
	Iron (Fe)	[7439-89-6]	4,32 ± 0,08	%		
	Lanthanum (La)	[7439-91-0]	30,6 ± 1,2	mg/kg		
	Lead (Pb)	[7439-92-1]	0,552 ± 0,003	%		
	Magnesium (Mg)	[7439-95-4]	0,734 ± 0,038	%		
	Manganese (Mn)	[7439-96-5]	0,214 ± 0,006	%		
	Mercury (Hg)	[7439-97-6]	9,88 ± 0,21	mg/kg		
	Phosphorus (P)	[7723-14-0]	0,105 ± 0,004	%		
	Potassium (K)	[7440-09-7]	2,17 ± 0,13	%		
	Silicon (Si)	[7440-21-3]	31,1 ± 0,4	%		
	Sodium (Na)	[7440-23-5]	0,894 ± 0,019	%		
	Strontium (Sr)	[7440-24-6]	255 ± 7	mg/kg		
	Titanium (Ti)	[7440-32-6]	0,311 ± 0,007	%		
	Uranium (U)	[7440-61-1]	9,11 ± 0,30	mg/kg		
	Zinc (Zn)	[7440-66-6]	0,418 ± 0,015	%		