

Coal (subituminous) - Trace elements

Art. ID	NIST-1635a
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in the evaluation of techniques used in the analysis of coals and materials of a similar matrix. A unit of NIST-1635a consists of 50 g of bituminous coal that was ground to pass a 250 µm (60 mesh) sieve, homogenized, bottled under an argon atmosphere, and sealed in an aluminized bag. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Barium (Ba)	[7440-39-3]	0,03578 ± 0,00091	%		
	Iron (Fe)	[7439-89-6]	0,2472 ± 0,0022	%		
	Sodium (Na)	[7440-23-5]	0,1031 ± 0,0078	%		
	Sulfur (S)	[7704-34-9]	0,2909 ± 0,0080	%		
	Strontium (Sr)	[7440-24-6]	0,0160 ± 0,0011	%		
	Antimony (Sb)	[7440-36-0]	0,251 ± 0,036	mg/kg		
	Arsenic (As)	[7440-38-2]	0,860 ± 0,019	mg/kg		
	Chromium (Cr)	[7440-47-3]	3,56 ± 0,18	mg/kg		
	Cobalt (Co)	[7440-48-4]	2,004 ± 0,044	mg/kg		
	Copper (Cu)	[7440-50-8]	11,42 ± 0,74	mg/kg		
	Lead (Pb)	[7439-92-1]	2,85 ± 0,37	mg/kg		
	Manganese (Mn)	[7439-96-5]	6,69 ± 0,14	mg/kg		
	Mercury (Hg)	[7439-97-6]	0,0836 ± 0,0064	mg/kg		
	Nickel (Ni)	[7440-02-0]	5,37 ± 0,30	mg/kg		
	Rubidium (Rb)	[7440-17-7]	1,226 ± 0,043	mg/kg		
	Selenium (Se)	[7782-49-2]	0,662 ± 0,096	mg/kg		
	Thorium (Th)	[7440-29-1]	1,299 ± 0,059	mg/kg		
	Uranium (U)	[7440-61-1]	0,4792 ± 0,0090	mg/kg		
	Vanadium (V)	[7440-62-2]	13,34 ± 0,59	mg/kg		