

discontinued Coal (bituminous) - Elements

Art. ID	NIST-1632d
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-1632d 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.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
dry-mass basis	Hydrogen (H)	[1333-74-0]	5,1	%		
dry-mass basis	Sulfur (S)	[7704-34-9]	1,462	%		
dry-mass basis	Potassium (K)	[7440-09-7]	0,1094	%		
dry-mass basis	Chlorine (Cl)	[7782-50-5]	0,1142	%		
dry-mass basis	Iron (Fe)	[7439-89-6]	0,749	%		
dry-mass basis	Antimony (Sb)	[7440-36-0]	0,445	mg/kg		
dry-mass basis	Barium (Ba)	[7440-39-3]	40,42	mg/kg		
dry-mass basis	Cobalt (Co)	[7440-48-4]	3,424	mg/kg		
dry-mass basis	Copper (Cu)	[7440-50-8]	5,83	mg/kg		
dry-mass basis	Lead (Pb)	[7439-92-1]	3,845	mg/kg		
dry-mass basis	Mercury (Hg)	[7439-97-6]	0,0928	mg/kg		
dry-mass basis	Rubidium (Rb)	[7440-17-7]	7,36	mg/kg		
dry-mass basis	Sodium (Na)	[7440-23-5]	296,9	mg/kg		
dry-mass basis	Strontium (Sr)	[7440-24-6]	63,5	mg/kg		
dry-mass basis	Thorium (Th)	[7440-29-1]	1,428	mg/kg		
dry-mass basis	Titanium (Ti)	[7440-32-6]	477	mg/kg		
dry-mass basis	Uranium (U)	[7440-61-1]	0,517	mg/kg		
dry-mass basis	Vanadium (V)	[7440-62-2]	23,74	mg/kg		