

## **Coal fly ash - Trace and constituent elements**

Art. ID	NIST-1633c
Unit	75 g
Deliverydetails	No Dangerous Good /not restricted

### **Description**

This Standard Reference Material (SRM®) is intended for use in the evaluation of analytical methods for the determination of constituent elements in coal fly ash or materials of a similar matrix. NIST-1633c is a bituminous coal fly ash that was sieved through a nominal sieve opening of 74 µm (200 mesh) and then blended to assure homogeneity. A unit of NIST-1633c consists of 75 g of powdered material /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	13,28	%		
	Barium (Ba)	[7440-39-3]	0,1126	%		
	Calcium (Ca)	[7440-70-2]	1,365	%		
	Iron (Fe)	[7439-89-6]	10,49	%		
	Potassium (K)	[7440-09-7]	1,773	%		
	Magnesium (Mg)	[7439-95-4]	0,498	%		
	Sodium (Na)	[7440-23-5]	0,1707	%		
	Titanium (Ti)	[7440-32-6]	0,724	%		
	Arsenic (As)	[7440-38-2]	186,2	mg/kg		
	Cadmium (Cd)	[7440-43-9]	0,758	mg/kg		
	Cobalt (Co)	[7440-48-4]	42,9	mg/kg		
	Copper (Cu)	[7440-50-8]	173,7	mg/kg		
	Mercury (Hg)	[7439-97-6]	1,005	mg/kg		
	Manganese (Mn)	[7439-96-5]	240,2	mg/kg		
	Nickel (Ni)	[7440-02-0]	132	mg/kg		
	Lead (Pb)	[7439-92-1]	95,2	mg/kg		
	Rubidium (Rb)	[7440-17-7]	117,42	mg/kg		
	Antimony (Sb)	[7440-36-0]	8,56	mg/kg		
	Strontium (Sr)	[7440-24-6]	901	mg/kg		
	Vanadium (V)	[7440-62-2]	286,2	mg/kg		