

Coal - Ash, CRM, Brown coal ask of Irkutsk basin, Eastern Siberia, Novoirkutskaia station, Powder

Art. ID VS-7177-95
Unit 100 g (powder)
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	SiO ₂		58,68 ± 0,26	%		
Certified Value	TiO ₂		0,6 ± 0,02	%		
Certified Value	Al ₂ O ₃		27,07 ± 0,33	%		
Certified Value	Fe ₂ O ₃ total		5,48 ± 0,12	%		
Certified Value	FeO		1,59 ± 0,09	%		
Certified Value	MnO		0,059 ± 0,004	%		
Certified Value	CaO		4,88 ± 0,19	%		
Certified Value	MgO	[1309-48-4]	1,48 ± 0,08	%		
Certified Value	Na ₂ O		0,14 ± 0,01	%		
Certified Value	K ₂ O		0,59 ± 0,03	%		
Certified Value	Barium (Ba)	[7440-39-3]	0,028 ± 0,004	%		
Certified Value	Beryllium (Be)	[7440-41-7]	0,0011 ± 0,0002	%		
Certified Value	Cerium (Ce)	[7440-45-1]	0,0138 ± 0,0025	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,0025 ± 0,0004	%		
Certified Value	Chromium (Cr)	[7440-47-3]	0,0099 ± 0,0008	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,0176 ± 0,0018	%		
Certified Value	Lanthanum (La)	[7439-91-0]	0,007 ± 0,001	%		
Certified Value	Lithium (Li)	[7439-93-2]	0,0096 ± 0,0009	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,00074 ± 0,00013	%		
Certified Value	Niobium (Nb)	[7440-03-1]	0,0034 ± 0,0006	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,0066 ± 0,001	%		
Certified Value	Lead (Pb)	[7439-92-1]	0,0035 ± 0,0006	%		
Certified Value	Rubidium (Rb)	[7440-17-7]	0,0022 ± 0,0003	%		
Certified Value	Scandium (Sc)	[7440-20-2]	0,0027 ± 0,0005	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,0011 ± 0,0002	%		
Certified Value	Strontium (Sr)	[7440-24-6]	0,0403 ± 0,0033	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,0145 ± 0,0015	%		
Certified Value	Yttrium (Y)	[7440-65-5]	0,0087 ± 0,0017	%		
Certified Value	Ytterbium (Yb)	[7440-64-4]	0,00078 ± 0,00013	%		
Certified Value	Zinc (Zn)	[7440-66-6]	0,0077 ± 0,0013	%		

Certified Value	Zirconium (Zr)	[7440-67-7]	0,033 ± 0,002	%
Informational Value	P2O5		~0,064	%
Informational Value	LOI		~0,56	%
Informational Value	H2O-		~0,13	%
Informational Value	Silver (Ag)	[7440-22-4]	~0,000015	%
Informational Value	Boron (B)	[7440-42-8]	~0,044	%
Informational Value	Bismuth (Bi)	[7440-69-9]	~0,00021	%
Informational Value	Caesium (Cs)	[7440-46-2]	~0,00033	%
Informational Value	Europium (Eu)	[7440-53-1]	~0,00026	%
Informational Value	Fluorine (F)	[7782-41-4]	~0,017	%
Informational Value	Gallium (Ga)	[7440-55-3]	~0,0021	%
Informational Value	Germanium (Ge)	[7440-56-4]	~0,00027	%
Informational Value	Hafnium (Hf)	[7440-58-6]	~0,0013	%
Informational Value	SO3		~0,018	%
Informational Value	Samarium (Sm)	[7440-19-9]	~0,0015	%
Informational Value	Thorium (Th)	[7440-29-1]	~0,0045	%
Informational Value	Uranium (U)	[7440-61-1]	~0,0015	%
Informational Value	Tungsten (W)	[7440-33-7]	~0,00037	%