

**Coal - Ash, CRM, Brown coal ash of Kansk-Achinsk basin, Galachinskaia station Bratsk city, (ZUK-1) Powder - please ask for availability**

Art. ID VS-7125-94  
Unit 100 g (powder)  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Loss on Ignition (LOI)		~21,29	%		
	Silver (Ag)	[7440-22-4]	0,000016	%		
	Al <sub>2</sub> O <sub>3</sub>		6,79	%		
	Arsenic (As)	[7440-38-2]	~0,0001	%		
	Gold (Au)	[7440-57-5]	~0,0000003	%		
	Boron (B)	[7440-42-8]	0,0097	%		
	Barium (Ba)	[7440-39-3]	0,225	%		
	Beryllium (Be)	[7440-41-7]	0,00029	%		
	Organic C		~1,33	%		
	CO <sub>2</sub>		13,2	%		
	CaO		20,91	%		
	Cerium (Ce)	[7440-45-1]	0,0038	%		
	Cobalt (Co)	[7440-48-4]	0,0016	%		
	Chromium (Cr)	[7440-47-3]	0,0045	%		
	Caesium (Cs)	[7440-46-2]	~0,00011	%		
	Copper (Cu)	[7440-50-8]	0,0045	%		
	Dysprosium (Dy)	[7429-91-6]	~0,00038	%		
	Erbium (Er)	[7440-52-0]	~0,00024	%		
	Europium (Eu)	[7440-53-1]	0,00009	%		
	Fluorine (F)	[7782-41-4]	~0,023	%		
	FeO		0,4	%		
	Total Fe as Fe <sub>2</sub> O <sub>3</sub>		6,28	%		
	Gallium (Ga)	[7440-55-3]	0,0009	%		
	Gadolinium (Gd)	[7440-54-2]	~0,00042	%		
	Germanium (Ge)	[7440-56-4]	0,00023	%		
	H <sub>2</sub> O		~2,41	%		
	H <sub>2</sub> O+		~5,74	%		
	Hafnium (Hf)	[7440-58-6]	0,00026	%		
	Mercury (Hg)	[7439-97-6]	~0,000003	%		
	Holmium (Ho)	[7440-60-0]	~0,000087	%		

K <sub>2</sub> O		0,51	%
Lanthanum (La)	[7439-91-0]	0,002	%
Lithium (Li)	[7439-93-2]	0,0032	%
Lutetium (Lu)	[7439-94-3]	0,00004	%
MgO	[1309-48-4]	6,7	%
MnO		0,094	%
Molybdenum (Mo)	[7439-98-7]	0,00014	%
Na <sub>2</sub> O		0,22	%
Niobium (Nb)	[7440-03-1]	0,00084	%
Neodymium (Nd)	[7440-00-8]	0,002	%
Nickel (Ni)	[7440-02-0]	0,0049	%
P <sub>2</sub> O <sub>5</sub>		0,059	%
Lead (Pb)	[7439-92-1]	0,0013	%
Praseodymium (Pr)	[7440-10-0]	~0,00043	%
Rubidium (Rb)	[7440-17-7]	0,0015	%
Sulfur (S)	[7704-34-9]	0,17	%
SO <sub>3</sub>		~0,4	%
Scandium (Sc)	[7440-20-2]	0,0011	%
SiO <sub>2</sub>		35,8	%
Samarium (Sm)	[7440-19-9]	0,00041	%
Tin (Sn)	[7440-31-5]	0,00027	%
Strontium (Sr)	[7440-24-6]	0,33	%
Tantalum (Ta)	[7440-25-7]	~0,000053	%
Terbium (Tb)	[7440-27-9]	0,000068	%
Thorium (Th)	[7440-29-1]	0,00058	%
TiO <sub>2</sub>		0,35	%
Thulium (Tm)	[7440-30-4]	~0,000038	%
Uranium (U)	[7440-61-1]	0,00033	%
Vanadium (V)	[7440-62-2]	0,0061	%
Tungsten (W)	[7440-33-7]	~0,00011	%
Yttrium (Y)	[7440-65-5]	0,0029	%
Ytterbium (Yb)	[7440-64-4]	0,00026	%
Zinc (Zn)	[7440-66-6]	0,0065	%
Zirconium (Zr)	[7440-67-7]	0,0119	%