

**Cenospheres, CRM, Concentrate of magnetic cenospheres, from coal ash of Berjovsk station, Powder**

Art. ID KAZ-9236-2008  
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)		~0,42	%		
	Al <sub>2</sub> O <sub>3</sub>		2,6	%		
	Barium (Ba)	[7440-39-3]	0,38	%		
	Beryllium (Be)	[7440-41-7]	~0,00007	%		
	CO <sub>2</sub>		~0,64	%		
	CaO		8,2	%		
	Cerium (Ce)	[7440-45-1]	0,0011	%		
	Cobalt (Co)	[7440-48-4]	0,0023	%		
	Chromium (Cr)	[7440-47-3]	0,0067	%		
	Caesium (Cs)	[7440-46-2]	~0,000021	%		
	Copper (Cu)	[7440-50-8]	0,0028	%		
	Dysprosium (Dy)	[7429-91-6]	~0,0001	%		
	Erbium (Er)	[7440-52-0]	~0,00006	%		
	Europium (Eu)	[7440-53-1]	~0,00005	%		
	FeO		~15,4	%		
	Total Fe as Fe <sub>2</sub> O <sub>3</sub>		~78,4	%		
	Gallium (Ga)	[7440-55-3]	~0,0003	%		
	Gadolinium (Gd)	[7440-54-2]	~0,00012	%		
	Hafnium (Hf)	[7440-58-6]	0,000097	%		
	Holmium (Ho)	[7440-60-0]	~0,000019	%		
	K <sub>2</sub> O		0,12	%		
	Lanthanum (La)	[7439-91-0]	0,00057	%		
	Lutetium (Lu)	[7439-94-3]	0,00001	%		
	MgO	[1309-48-4]	~1,3	%		
	MnO		~0,082	%		
	Molybdenum (Mo)	[7439-98-7]	~0,00046	%		
	Na <sub>2</sub> O		0,27	%		
	Niobium (Nb)	[7440-03-1]	~0,00031	%		
	Neodymium (Nd)	[7440-00-8]	~0,00053	%		
	Nickel (Ni)	[7440-02-0]	0,0062	%		

P2O5		~0,036	%
Lead (Pb)	[7439-92-1]	0,00035	%
Praseodymium (Pr)	[7440-10-0]	~0,00013	%
Rubidium (Rb)	[7440-17-7]	0,00038	%
Sulfur (S)	[7704-34-9]	0,86	%
Antimony (Sb)	[7440-36-0]	~0,00003	%
Scandium (Sc)	[7440-20-2]	0,00025	%
SiO2		7,7	%
Samarium (Sm)	[7440-19-9]	0,0001	%
Tin (Sn)	[7440-31-5]	~0,0001	%
Strontium (Sr)	[7440-24-6]	0,17	%
Tantalum (Ta)	[7440-25-7]	~0,000015	%
Terbium (Tb)	[7440-27-9]	~0,000016	%
Thorium (Th)	[7440-29-1]	0,00014	%
TiO2		0,21	%
Thallium (Tl)	[7440-28-0]	~0,000006	%
Thulium (Tm)	[7440-30-4]	~0,000009	%
Uranium (U)	[7440-61-1]	~0,0001	%
Vanadium (V)	[7440-62-2]	0,0026	%
Yttrium (Y)	[7440-65-5]	0,00056	%
Ytterbium (Yb)	[7440-64-4]	0,00005	%
Zinc (Zn)	[7440-66-6]	0,0038	%
Zirconium (Zr)	[7440-67-7]	0,0039	%