

## **Basalt**

Art. ID CRPG-BE-N  
Unit 30 g (powder)  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	SiO <sub>2</sub>		38,2	%		
	Al <sub>2</sub> O <sub>3</sub>		10,07	%		
	Fe <sub>2</sub> O <sub>3</sub>		5,34	%		
	FeO		6,74	%		
	MnO		0,2	%		
	MgO	[1309-48-4]	13,15	%		
	CaO		13,87	%		
	Na <sub>2</sub> O		3,18	%		
	K <sub>2</sub> O		1,39	%		
	TiO <sub>2</sub>		2,61	%		
	P <sub>2</sub> O <sub>5</sub>		1,05	%		
	H <sub>2</sub> O+		2,24	%		
	H <sub>2</sub> O-		0,5	%		
	CO <sub>2</sub>		0,74	%		
	Fe <sub>2</sub> O <sub>3</sub> total		12,84	%		
proposed value	Loss on Ignition (LOI)		2,45	%		
	Arsenic (As)	[7440-38-2]	1,8	µg/g		
	Barium (Ba)	[7440-39-3]	1025	µg/g		
	Beryllium (Be)	[7440-41-7]	1,9	µg/g		
proposed value	Cadmium (Cd)	[7440-43-9]	0,12	µg/g		
	Cerium (Ce)	[7440-45-1]	152	µg/g		
proposed value	Chlorine (Cl)	[7782-50-5]	200	µg/g		
	Cobalt (Co)	[7440-48-4]	60	µg/g		
	Chromium (Cr)	[7440-47-3]	360	µg/g		
	Caesium (Cs)	[7440-46-2]	0,8	µg/g		
	Copper (Cu)	[7440-50-8]	72	µg/g		
	Dysprosium (Dy)	[7429-91-6]	6,4	µg/g		
	Erbium (Er)	[7440-52-0]	2,5	µg/g		
	Europium (Eu)	[7440-53-1]	3,6	µg/g		
	Fluorine (F)	[7782-41-4]	1000	µg/g		
	Gallium (Ga)	[7440-55-3]	17	µg/g		

	Gadolinium (Gd)	[7440-54-2]	9,7	µg/g
proposed value	Germanium (Ge)	[7440-56-4]	1,2	µg/g
	Hafnium (Hf)	[7440-58-6]	5,6	µg/g
proposed value	Mercury (Hg)	[7439-97-6]	0,04	µg/g
	Holmium (Ho)	[7440-60-0]	1,1	µg/g
proposed value	Indium (In)	[7440-74-6]	0,08	µg/g
	Lanthanum (La)	[7439-91-0]	82	µg/g
	Lithium (Li)	[7439-93-2]	13	µg/g
	Lutetium (Lu)	[7439-94-3]	0,24	µg/g
	Molybdenum (Mo)	[7439-98-7]	2,8	µg/g
	Niobium (Nb)	[7440-03-1]	105	µg/g
	Neodymium (Nd)	[7440-00-8]	67	µg/g
	Nickel (Ni)	[7440-02-0]	267	µg/g
	Lead (Pb)	[7439-92-1]	4	µg/g
	Praseodymium (Pr)	[7440-10-0]	17,5	µg/g
	Rubidium (Rb)	[7440-17-7]	47	µg/g
proposed value	Sulfur (S)	[7704-34-9]	300	µg/g
	Antimony (Sb)	[7440-36-0]	0,26	µg/g
	Scandium (Sc)	[7440-20-2]	22	µg/g
	Samarium (Sm)	[7440-19-9]	12,2	µg/g
	Tin (Sn)	[7440-31-5]	2	µg/g
	Strontium (Sr)	[7440-24-6]	1370	µg/g
	Tantalum (Ta)	[7440-25-7]	5,7	µg/g
	Terbium (Tb)	[7440-27-9]	1,3	µg/g
	Thorium (Th)	[7440-29-1]	10,4	µg/g
proposed value	Thallium (Tl)	[7440-28-0]	0,04	µg/g
	Thulium (Tm)	[7440-30-4]	0,34	µg/g
	Uranium (U)	[7440-61-1]	2,4	µg/g
	Vanadium (V)	[7440-62-2]	235	µg/g
	Tungsten (W)	[7440-33-7]	29	µg/g
	Yttrium (Y)	[7440-65-5]	30	µg/g
	Ytterbium (Yb)	[7440-64-4]	1,8	µg/g
	Zinc (Zn)	[7440-66-6]	120	µg/g
	Zirconium (Zr)	[7440-67-7]	260	µg/g