

## Sedimentary rock (Ashio chert) Powder

Art. ID	JCh-1
Unit	20 g (powder)
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	SiO <sub>2</sub>		97,81	%		
	TiO <sub>2</sub>		0,0316	%		
	Al <sub>2</sub> O <sub>3</sub>		0,734	%		
	Fe <sub>2</sub> O <sub>3</sub>		0,272	%		
	FeO		0,0867	%		
	MnO		0,0173	%		
	MgO	[1309-48-4]	0,0754	%		
	CaO		0,0449	%		
	Na <sub>2</sub> O		0,0305	%		
	K <sub>2</sub> O		0,221	%		
	P <sub>2</sub> O <sub>5</sub>		0,0167	%		
	H <sub>2</sub> O+		0,356	%		
	H <sub>2</sub> O-		0,152	%		
	CO <sub>2</sub>		~0,055	%		
	Fe <sub>2</sub> O <sub>3</sub> total		0,356	%		
	Silver (Ag)	[7440-22-4]	~0,0041	µg/g		
	Arsenic (As)	[7440-38-2]	0,567	µg/g		
	Gold (Au)	[7440-57-5]	~0,17	ppb		
	Barium (Ba)	[7440-39-3]	302	µg/g		
	Beryllium (Be)	[7440-41-7]	~0,373	µg/g		
	Carbon (C)	[7440-44-0]	~37	µg/g		
	Cadmium (Cd)	[7440-43-9]	~0,006	µg/g		
	Cerium (Ce)	[7440-45-1]	5,21	µg/g		
	Chlorine (Cl)	[7782-50-5]	~14	µg/g		
	Cobalt (Co)	[7440-48-4]	15,5	µg/g		
	Chromium (Cr)	[7440-47-3]	7,04	µg/g		
	Caesium (Cs)	[7440-46-2]	0,243	µg/g		
	Copper (Cu)	[7440-50-8]	15,3	µg/g		
	Dysprosium (Dy)	[7429-91-6]	~0,378	µg/g		
	Erbium (Er)	[7440-52-0]	~0,233	µg/g		
	Europium (Eu)	[7440-53-1]	0,0594	µg/g		

Fluorine (F)	[7782-41-4]	~134	µg/g
Gadolinium (Gd)	[7440-54-2]	~1,7	µg/g
Hafnium (Hf)	[7440-58-6]	0,195	µg/g
Mercury (Hg)	[7439-97-6]	~4,13	ppb
Holmium (Ho)	[7440-60-0]	~0,112	µg/g
Lanthanum (La)	[7439-91-0]	1,52	µg/g
Lithium (Li)	[7439-93-2]	~6,48	µg/g
Lutetium (Lu)	[7439-94-3]	0,0344	µg/g
Niobium (Nb)	[7440-03-1]	~1,7	µg/g
Neodymium (Nd)	[7440-00-8]	2,05	µg/g
Nickel (Ni)	[7440-02-0]	8,76	µg/g
Lead (Pb)	[7439-92-1]	2	µg/g
Palladium (Pd)	[7440-05-3]	~0,45	ppb
Praseodymium (Pr)	[7440-10-0]	~4,25	µg/g
Platinum (Pt)	[7440-06-4]	<0,5	ppb
Rubidium (Rb)	[7440-17-7]	8,61	µg/g
Sulfur (S)	[7704-34-9]	~4	µg/g
Scandium (Sc)	[7440-20-2]	0,979	µg/g
Samarium (Sm)	[7440-19-9]	0,359	µg/g
Strontium (Sr)	[7440-24-6]	4,2	µg/g
Tantalum (Ta)	[7440-25-7]	~0,182	µg/g
Terbium (Tb)	[7440-27-9]	~0,0385	µg/g
Thorium (Th)	[7440-29-1]	0,735	µg/g
Uranium (U)	[7440-61-1]	0,736	µg/g
Vanadium (V)	[7440-62-2]	10,4	µg/g
Tungsten (W)	[7440-33-7]	~92,3	µg/g
Yttrium (Y)	[7440-65-5]	1,81	µg/g
Ytterbium (Yb)	[7440-64-4]	0,182	µg/g
Zinc (Zn)	[7440-66-6]	7,93	µg/g
Zirconium (Zr)	[7440-67-7]	11,5	µg/g