

Siliceous Material, CRM, Ceramic, Powder

Art. ID	SARM-69
Unit	100 g (powder)
Deliverydetails	No Dangerous Good /not restricted

Description

Clay potsherd material originating from an iron age site situated in the Orange Free State. There are three mineral phases present, i.e. quartz (SiO₂), feldspar (CaAl₂Si₂O₈) and muscovite (KAl₂(Si₃Al)O₁₀(OH)).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Loss on Ignition (LOI)		~3,6	%		
	Al ₂ O ₃		14,4	%		
	Barium (Ba)	[7440-39-3]	0,0518	%		
	CaO		2,37	%		
	Cerium (Ce)	[7440-45-1]	~0,0067	%		
	Cobalt (Co)	[7440-48-4]	0,0028	%		
	Chromium (Cr)	[7440-47-3]	0,0223	%		
	Copper (Cu)	[7440-50-8]	0,0046	%		
	Total Fe as Fe ₂ O ₃		7,18	%		
	K ₂ O		1,96	%		
	MgO	[1309-48-4]	1,85	%		
	MnO		0,129	%		
	Na ₂ O		~0,79	%		
	Niobium (Nb)	[7440-03-1]	~0,0009	%		
	Neodymium (Nd)	[7440-00-8]	~0,003	%		
	Nickel (Ni)	[7440-02-0]	0,0053	%		
	P ₂ O ₅		~0,28	%		
	Lead (Pb)	[7439-92-1]	~0,0014	%		
	Rubidium (Rb)	[7440-17-7]	~0,0066	%		
	Scandium (Sc)	[7440-20-2]	0,002	%		
	SiO ₂		66,6	%		
	Strontium (Sr)	[7440-24-6]	~0,0109	%		
	Thorium (Th)	[7440-29-1]	~0,0009	%		
	TiO ₂		0,777	%		
	Vanadium (V)	[7440-62-2]	(0,0157 tot)	%		
	Yttrium (Y)	[7440-65-5]	~0,0029	%		
	Zinc (Zn)	[7440-66-6]	0,0068	%		
	Zirconium (Zr)	[7440-67-7]	~0,0271	%		