

Iron Ore, CRM, Powder *low stock*****

Art. ID	GEO-GIOP-135-30g
Unit	3 x 10 g (powder)
Deliverydetails	No Dangerous Good /not restricted

Description

This product is for use in the mining industry as a reference material for monitoring and testing the accuracy of laboratory assaying. This certified reference material was tested in a dedicated certification program. 10 samples were sent to 5 laboratories for XRF analyses. Assay distributions are checked and processed statistically, producing monitoring statistics for these standards. Materials are tested regularly to ensure stability and homogeneity.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Iron (Fe)	[7439-89-6]	53,505	%		
	Fe Calc		53,481	%		
	SiO ₂		9,633	%		
	Al ₂ O ₃		7,322	%		
	TiO ₂		0,4731	%		
	Manganese (Mn)	[7439-96-5]	0,0588	%		
	CaO		1,184	%		
	Phosphorus (P)	[7723-14-0]	0,05917	%		
	Sulfur (S)	[7704-34-9]	0,0191	%		
	MgO	[1309-48-4]	0,655	%		
	K ₂ O		0,0825	%		
	Zinc (Zn)	[7440-66-6]	0,00233	%		
	Lead (Pb)	[7439-92-1]	0,0023	%		
	Copper (Cu)	[7440-50-8]	0,0013	%		
	Barium (Ba)	[7440-39-3]	0,0088	%		
	Vanadium (V)	[7440-62-2]	0,00914	%		
	Chromium (Cr)	[7440-47-3]	0,00614	%		
	Chlorine (Cl)	[7782-50-5]	0,0034	%		
	Arsenic (As)	[7440-38-2]	0,001	%		
	Nickel (Ni)	[7440-02-0]	0,00248	%		
	Cobalt (Co)	[7440-48-4]	0,0017	%		
	Tin (Sn)	[7440-31-5]	0,0018	%		
	Strontium (Sr)	[7440-24-6]	0,0058	%		
	Zirconium (Zr)	[7440-67-7]	0,0095	%		
	Sodium (Na)	[7440-23-5]	0,2743	%		
	Loss on Ignition (L.O.I) (425 °C)		3,332	%		

Loss on Ignition (L.O.I) (650 °C)	3,585	%
Loss on Ignition (L.O.I) (1000 °C)	3,562	%