

Ni laterite ore, Matrix: saprolite, Mineralisation Style: lateritic nickel

Art. ID OREAS-195-1KG
Unit 1 kg (powder)
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Nickel (Ni)	[7440-02-0]	2,94	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0477	%	Borate Fus ion XRF	
	Fe2O3		18,29	%	Borate Fus ion XRF	
	Al2O3		3,13	%	Borate Fus ion XRF	
	CaO		0,39	%	Borate Fus ion XRF	
	Cr2O3		0,9585	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	19,01	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,288	%	Borate Fus ion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	44	%	Borate Fus ion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,037	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,03	%	Borate Fus ion XRF	
	Al2O3		3,07	%	Borate / P eroxide Fu sion ICP	
	CaO		0,397	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0465	%	Borate / P eroxide Fu sion ICP	

Cr ₂ O ₃		0,9383	%	Borate / Peroxide Fusion ICP
Fe ₂ O ₃		18,16	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	18,88	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,285	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na ₂ O)	[1313-59-3]	0,031	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	2,89	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	43,3	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	0,037	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0293	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		9,71	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,076	%	Infrared Combustion