

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

Art. ID OREAS-191-1KG
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]	1,75	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0665	%	Borate Fus ion XRF	
	Fe2O3		24,86	%	Borate Fus ion XRF	
	Al2O3		4,27	%	Borate Fus ion XRF	
	CaO		0,276	%	Borate Fus ion XRF	
	Cr2O3		1,2242	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	10,06	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,397	%	Borate Fus ion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	47,97	%	Borate Fus ion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,052	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0302	%	Borate Fus ion XRF	
	Al2O3		4,19	%	Borate / P eroxide Fu sion ICP	
	CaO		0,287	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0652	%	Borate / P eroxide Fu sion ICP	

Cr ₂ O ₃		1,2139	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0053	%	Borate / Peroxide Fusion ICP
Fe ₂ O ₃		24,63	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	9,95	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,397	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,73	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	47,67	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	0,05	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0297	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		8,1	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,086	%	Infrared Combustion