

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

Art. ID OREAS-189-1KG
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]	1,48	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0326	%	Borate Fus ion XRF	
	Fe2O3		15,04	%	Borate Fus ion XRF	
	Al2O3		2,09	%	Borate Fus ion XRF	
	CaO		0,326	%	Borate Fus ion XRF	
	Cr2O3		0,7648	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	23,09	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,227	%	Borate Fus ion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	46,2	%	Borate Fus ion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,029	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0125	%	Borate Fus ion XRF	
	Al2O3		2,08	%	Borate / P eroxide Fu sion ICP	
	CaO		0,328	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0327	%	Borate / P eroxide Fu sion ICP	

Cr ₂ O ₃		0,7643	%	Borate / Peroxide Fusion ICP
Fe ₂ O ₃		14,94	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	23,06	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,228	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na ₂ O)	[1313-59-3]	0,021	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,47	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	46,08	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	0,026	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		10,12	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,096	%	Infrared Combustion