

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

Art. ID                    OREAS-187-1KG  
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]	1,37	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0636	%	Borate Fus ion XRF	
	Fe2O3		19,45	%	Borate Fus ion XRF	
	Al2O3		2,8	%	Borate Fus ion XRF	
	CaO		0,341	%	Borate Fus ion XRF	
	Cr2O3		0,9869	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	17,99	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,356	%	Borate Fus ion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	46,66	%	Borate Fus ion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,033	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0196	%	Borate Fus ion XRF	
	Al2O3		2,77	%	Borate / P eroxide Fu sion ICP	
	CaO		0,352	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0629	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		0,9868	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		19,4	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	17,96	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,358	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,37	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	46,37	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,031	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,019	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		9,27	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,105	%	Infrared Combustion