

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

Art. ID                    OREAS-193-10G  
Unit                        10 g (powder)  
Deliverydetails        No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Nickel (Ni)	[7440-02-0]	1,93	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0495	%	Borate Fus ion XRF	
	Fe <sub>2</sub> O <sub>3</sub>		19,51	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		3,08	%	Borate Fus ion XRF	
	CaO		0,362	%	Borate Fus ion XRF	
	Cr <sub>2</sub> O <sub>3</sub>		0,9623	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	20,25	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,317	%	Borate Fus ion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	42,72	%	Borate Fus ion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,053	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0219	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		3,05	%	Borate / P eroxide Fu sion ICP	
	CaO		0,373	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0483	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		0,956	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		19,49	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	20,26	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,316	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	0,03	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,91	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	42,49	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,051	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0199	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		9,87	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,073	%	Infrared Combustion