

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

Art. ID                      OREAS-194-10G  
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]	2,13	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0428	%	Borate Fus ion XRF	
	Fe <sub>2</sub> O <sub>3</sub>		16,47	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		2,74	%	Borate Fus ion XRF	
	CaO		0,311	%	Borate Fus ion XRF	
	Cr <sub>2</sub> O <sub>3</sub>		0,8191	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	22,83	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,261	%	Borate Fus ion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	43,02	%	Borate Fus ion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,035	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0174	%	Borate Fus ion XRF	
	Al <sub>2</sub> O <sub>3</sub>		2,73	%	Borate / P eroxide Fu sion ICP	
	CaO		0,32	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0424	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		0,8142	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		16,42	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	22,77	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,262	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	0,027	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	2,1	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	42,9	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,033	%	Borate / Peroxide Fusion ICP
Zinc (Zn)	[7440-66-6]	0,0184	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		10,53	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,073	%	Infrared Combustion