

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

Art. ID                    OREAS-185-1KG  
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]	1,14	%	Borate Fus ion XRF	
	Cobalt (Co)	[7440-48-4]	0,0388	%	Borate Fus ion XRF	
	Fe2O3		18,42	%	Borate Fus ion XRF	
	Al2O3		2,48	%	Borate Fus ion XRF	
	CaO		0,385	%	Borate Fus ion XRF	
	Cr2O3		0,9137	%	Borate Fus ion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	20,22	%	Borate Fus ion XRF	
	Manganese oxide (MnO)		0,297	%	Borate Fus ion XRF	
	Silicon dioxide (SiO2)	[7631-86-9]	45,93	%	Borate Fus ion XRF	
	Titanium dioxide (TiO2)	[13463-67-7]	0,033	%	Borate Fus ion XRF	
	Zinc (Zn)	[7440-66-6]	0,0143	%	Borate Fus ion XRF	
	Al2O3		2,47	%	Borate / P eroxide Fu sion ICP	
	CaO		0,387	%	Borate / P eroxide Fu sion ICP	
	Cobalt (Co)	[7440-48-4]	0,0385	%	Borate / P eroxide Fu sion ICP	

Cr <sub>2</sub> O <sub>3</sub>		0,9103	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		18,27	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	20,17	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,295	%	Borate / Peroxide Fusion ICP
Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	0,024	%	Borate / Peroxide Fusion ICP
Nickel (Ni)	[7440-02-0]	1,12	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	45,58	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,031	%	Borate / Peroxide Fusion ICP
Loss on Ignition (L.O.I.) (1000 °C)		9,61	%	Thermogravimetry
Carbon (C)	[7440-44-0]	0,105	%	Infrared Combustion