

Ni laterite ore, Matrix: transitional (saprolite/limonite), Mineralisation Style: lateritic nickel

Art. ID OREAS-190-1KG
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] | 1,64 | % | Borate Fus ion XRF | |
| | Cobalt (Co) | [7440-48-4] | 0,089 | % | Borate Fus ion XRF | |
| | Fe2O3 | | 35,48 | % | Borate Fus ion XRF | |
| | Al2O3 | | 6 | % | Borate Fus ion XRF | |
| | CaO | | 0,133 | % | Borate Fus ion XRF | |
| | Cr2O3 | | 1,726 | % | Borate Fus ion XRF | |
| | Magnesium oxide (MgO) | [1309-48-4] | 6,91 | % | Borate Fus ion XRF | |
| | Manganese oxide (MnO) | | 0,577 | % | Borate Fus ion XRF | |
| | Silicon dioxide (SiO2) | [7631-86-9] | 38,22 | % | Borate Fus ion XRF | |
| | Titanium dioxide (TiO2) | [13463-67-7] | 0,064 | % | Borate Fus ion XRF | |
| | Zinc (Zn) | [7440-66-6] | 0,0353 | % | Borate Fus ion XRF | |
| | Al2O3 | | 5,86 | % | Borate / P eroxide Fu sion ICP | |
| | CaO | | 0,133 | % | Borate / P eroxide Fu sion ICP | |
| | Cobalt (Co) | [7440-48-4] | 0,0874 | % | Borate / P eroxide Fu sion ICP | |

| | | | | |
|--------------------------------------|--------------|--------|---|------------------------------|
| Cr ₂ O ₃ | | 1,712 | % | Borate / Peroxide Fusion ICP |
| Copper (Cu) | [7440-50-8] | 0,0068 | % | Borate / Peroxide Fusion ICP |
| Fe ₂ O ₃ | | 35,4 | % | Borate / Peroxide Fusion ICP |
| Magnesium oxide (MgO) | [1309-48-4] | 6,85 | % | Borate / Peroxide Fusion ICP |
| Manganese oxide (MnO) | | 0,574 | % | Borate / Peroxide Fusion ICP |
| Nickel (Ni) | [7440-02-0] | 1,62 | % | Borate / Peroxide Fusion ICP |
| Silicon dioxide (SiO ₂) | [7631-86-9] | 38,05 | % | Borate / Peroxide Fusion ICP |
| Titanium dioxide (TiO ₂) | [13463-67-7] | 0,062 | % | Borate / Peroxide Fusion ICP |
| Zinc (Zn) | [7440-66-6] | 0,0327 | % | Borate / Peroxide Fusion ICP |
| Loss on Ignition (L.O.I.) (1000 °C) | | 8,38 | % | Thermogravimetry |
| Carbon (C) | [7440-44-0] | 0,065 | % | Infrared Combustion |