

## **Nickel laterite**

Art. ID                   GEO-GBM922-11  
Unit                   each

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Nickel (Ni)	[7440-02-0]	1,1664	%		
Certified value	Copper (Cu)	[7440-50-8]	0,0016	%		
Certified value	Zinc (Zn)	[7440-66-6]	0,0145	%		
Certified value	Lead (Pb)	[7439-92-1]	0,0014	%		
Certified value	Cobalt (Co)	[7440-48-4]	nr	%		
Certified value	Silver (Ag)	[7440-22-4]	0,0001	%		
Certified value	Sulfur (S)	[7704-34-9]	0,03	%		
Single analysis only -	Antimony (Sb)	[7440-36-0]	<0,00002	%	Neutron activation analyses	
Not certified						
Single analysis only -	Arsenic (As)	[7440-38-2]	<0,0001	%	Neutron activation analyses	
Not certified						
Single analysis only -	Barium (Ba)	[7440-39-3]	<0,01	%	Neutron activation analyses	
Not certified						
Single analysis only -	Bromine (Br)	[7726-95-6]	<0,0002	%	Neutron activation analyses	
Not certified						
Single analysis only -	Cadmium (Cd)	[7440-43-9]	<0,001	%	Neutron activation analyses	
Not certified						
Single analysis only -	Cerium (Ce)	[7440-45-1]	<0,0005	%	Neutron activation analyses	
Not certified						
Single analysis only -	Caesium (Cs)	[7440-46-2]	<0,0002	%	Neutron activation analyses	
Not certified						
Single analysis only -	Chromium (Cr)	[7440-47-3]	0,543	%	Neutron activation analyses	
Not certified						
Single analysis only -	Cobalt (Co)	[7440-48-4]	0,0764	%	Neutron activation analyses	

Not certified					tivation a nyses
Single analysis only -	Europium (Eu)	[7440-53-1]	<0,00005	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Gold (Au)	[7440-57-5]	<0,000001	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Hafnium (Hf)	[7440-58-6]	<0,0005	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Iridium (Ir)	[7439-88-5]	<0,000005	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Iron (Fe)	[7439-89-6]	12,1	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Lanthanum (La)	[7439-91-0]	<0,0002	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Lutetium (Lu)	[7439-94-3]	<0,00002	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Molybdenum (Mo)	[7439-98-7]	<0,001	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Nickel (Ni)	[7440-02-0]	1,31	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Rubidium (Rb)	[7440-17-7]	<0,002	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Samarium (Sm)	[7440-19-9]	<0,00002	%	Neutron ac tivation a nyses
Not certified					
Single analysis only -	Scandium (Sc)	[7440-20-2]	0,00157	%	Neutron ac tivation a nyses
Not certified					

Single analysis only -	Selenium (Se)	[7782-49-2]	<0,001	%	Neutron activation analyses
Not certified					
Single analysis only -	Sodium (Na)	[7440-23-5]	<0,05	%	Neutron activation analyses
Not certified					
Single analysis only -	Tantalum (Ta)	[7440-25-7]	<0,0002	%	Neutron activation analyses
Not certified					
Single analysis only -	Tellurium (Te)	[13494-80-9]	<0,002	%	Neutron activation analyses
Not certified					
Single analysis only -	Terbium (Tb)	[7440-27-9]	<0,0001	%	Neutron activation analyses
Not certified					
Single analysis only -	Thorium (Th)	[7440-29-1]	0,00005	%	Neutron activation analyses
Not certified					
Single analysis only -	Tin (Sn)	[7440-31-5]	<0,02	%	Neutron activation analyses
Not certified					
Single analysis only -	Tungsten (W)	[7440-33-7]	<0,0002	%	Neutron activation analyses
Not certified					
Single analysis only -	Uranium (U)	[7440-61-1]	<0,0001	%	Neutron activation analyses
Not certified					
Single analysis only -	Ytterbium (Yb)	[7440-64-4]	<0,00005	%	Neutron activation analyses
Not certified					
Single analysis only -	Zinc (Zn)	[7440-66-6]	<0,02	%	Neutron activation analyses
Not certified					
Single analysis only -	Zirconium (Zr)	[7440-67-7]	<0,05	%	Neutron activation analyses
Not certified					
Single analysis only -	Calcium (Ca)	[7440-70-2]	nr	%	Neutron activation analyses
Not certified					

Analyses					
Single analysis only -	Potassium (K)	[7440-09-7]	nr	%	Neutron activation analyses
Not certified					
Single analysis only -	Silver (Ag)	[7440-22-4]	<0,0005	%	Neutron activation analyses
Not certified					
Single analysis only -	Mercury (Hg)	[7439-97-6]	nr	%	Neutron activation analyses
Not certified					
Single analysis only -	Neodymium (Nd)	[7440-00-8]	nr	%	Neutron activation analyses
Not certified					
Single analysis only -	Strontium (Sr)	[7440-24-6]	nr	%	Neutron activation analyses
Not certified					
Indicative value	Iron (Fe)	[7439-89-6]	11,46	%	Fusion / XRF
Indicative value	SiO <sub>2</sub>		39,48	%	Fusion / XRF
Indicative value	Al <sub>2</sub> O <sub>3</sub>		2,25	%	Fusion / XRF
Indicative value	TiO <sub>2</sub>		0,04	%	Fusion / XRF
Indicative value	MnO		0,58	%	Fusion / XRF
Indicative value	CaO		0,4	%	Fusion / XRF
Indicative value	Sulfur (S)	[7704-34-9]	0,05	%	Fusion / XRF
Indicative value	MgO	[1309-48-4]	26,2	%	Fusion / XRF
Indicative value	K <sub>2</sub> O		0,01	%	Fusion / XRF
Indicative value	Na <sub>2</sub> O		0,04	%	Fusion / XRF