

## **Fe 51.75% ROM Sishen ZA , Matrix Group: Oxide**

Art. ID                      AMIS-0598  
Unit                         1 kg  
Deliverydetails            No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Al <sub>2</sub> O <sub>3</sub>		2,87	%		
	Aluminium (Al)	[7429-90-5]	14900	ppm		
	Aluminium (Al)	[7429-90-5]	1,49	%		
	Antimony (Sb)	[7440-36-0]	1	%		
	Arsenic (As)	[7440-38-2]	28	ppm		
	Arsenic (As)	[7440-38-2]	0,0028	%		
	BaO		0,08	%		
	Barium (Ba)	[7440-39-3]	659	ppm		
	Barium (Ba)	[7440-39-3]	0,0659	%		
	Beryllium (Be)	[7440-41-7]	0,8	ppm		
	Beryllium (Be)	[7440-41-7]	0,00008	%		
	Bismuth (Bi)	[7440-69-9]	0,1	ppm		
	Bismuth (Bi)	[7440-69-9]	0,00001	%		
	Calcium (Ca)	[7440-70-2]	0,14	%		
	CaO		0,2	%		
	Carbon (C)	[7440-44-0]	0,04	%		
	Cerium (Ce)	[7440-45-1]	19	ppm		
	Cerium (Ce)	[7440-45-1]	0,0019	%		
	Chromium (Cr)	[7440-47-3]	101	ppm		
	Chromium (Cr)	[7440-47-3]	0,0101	%		
	Cobalt (Co)	[7440-48-4]	3	ppm		
	Cobalt (Co)	[7440-48-4]	0,0003	%		
	Copper (Cu)	[7440-50-8]	17	ppm		
	Copper (Cu)	[7440-50-8]	0,0017	%		
	Cr <sub>2</sub> O <sub>3</sub>		0,02	%		
	Fe <sub>2</sub> O <sub>3</sub>		74,36	%		
	Iron (Fe)	[7439-89-6]	51,75	%		
	K <sub>2</sub> O		0,47	%		
	Lanthanum (La)	[7439-91-0]	7	ppm		
	Lanthanum (La)	[7439-91-0]	0,0007	%		
	Lead (Pb)	[7439-92-1]	8	ppm		

Lead (Pb)	[7439-92-1]	0,0008	%
Lithium (Li)	[7439-93-2]	62	ppm
Lithium (Li)	[7439-93-2]	0,0062	%
LOI		1,09	%
Magnesium (Mg)	[7439-95-4]	409	ppm
Magnesium (Mg)	[7439-95-4]	0,0409	%
Manganese (Mn)	[7439-96-5]	252	ppm
Manganese (Mn)	[7439-96-5]	0,0252	%
MnO		0,04	%
Neodymium (Nd)	[7440-00-8]	6	ppm
Neodymium (Nd)	[7440-00-8]	0,0006	%
Nickel (Ni)	[7440-02-0]	19	ppm
Nickel (Ni)	[7440-02-0]	0,0019	%
Niobium (Nb)	[7440-03-1]	2	ppm
Niobium (Nb)	[7440-03-1]	0,0002	%
P2O5		0,12	%
Phosphorus (P)	[7723-14-0]	489	ppm
Phosphorus (P)	[7723-14-0]	0,0489	%
Rubidium (Rb)	[7440-17-7]	15	ppm
Rubidium (Rb)	[7440-17-7]	0,0015	%
Silicon (Si)	[7440-21-3]	9,95	%
SiO2		21,21	%
Specific Gravity		4,24	
Sulfur (S)	[7704-34-9]	0,03	%
Tantalum (Ta)	[7440-25-7]	0,1	ppm
Tantalum (Ta)	[7440-25-7]	0,00001	%
Thorium (Th)	[7440-29-1]	2	ppm
Thorium (Th)	[7440-29-1]	0,0002	%
TiO2		0,15	%
Titanium (Ti)	[7440-32-6]	0,09	%
Tungsten (W)	[7440-33-7]	1	ppm
Tungsten (W)	[7440-33-7]	0,0001	%
Uranium (U)	[7440-61-1]	0,7	ppm
Uranium (U)	[7440-61-1]	0,00007	%
V2O5		0,01	%
Zirconium (Zr)	[7440-67-7]	26	ppm
Zirconium (Zr)	[7440-67-7]	0,0026	%