

## **Fe 59.66% Sishen ZA, Matrix Group: Oxide**

Art. ID                      AMIS-0597  
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>		2,84	%		
	Aluminium (Al)	[7429-90-5]	15000	ppm		
	Aluminium (Al)	[7429-90-5]	1,5	%		
	Antimony (Sb)	[7440-36-0]	2	%		
	Arsenic (As)	[7440-38-2]	29	ppm		
	Arsenic (As)	[7440-38-2]	0,0029	%		
	BaO		0,03	%		
	Beryllium (Be)	[7440-41-7]	0,9	ppm		
	Beryllium (Be)	[7440-41-7]	0,00009	%		
	Bismuth (Bi)	[7440-69-9]	0,1	ppm		
	Bismuth (Bi)	[7440-69-9]	0,00001	%		
	Calcium (Ca)	[7440-70-2]	0,1	%		
	CaO		0,14	%		
	Carbon (C)	[7440-44-0]	0,05	%		
	Cerium (Ce)	[7440-45-1]	35	ppm		
	Cerium (Ce)	[7440-45-1]	0,0035	%		
	Chromium (Cr)	[7440-47-3]	96	ppm		
	Chromium (Cr)	[7440-47-3]	0,0096	%		
	Cobalt (Co)	[7440-48-4]	5	ppm		
	Cobalt (Co)	[7440-48-4]	0,0005	%		
	Cr <sub>2</sub> O <sub>3</sub>		0,01	%		
	Fe <sub>2</sub> O <sub>3</sub>		83,71	%		
	Iron (Fe)	[7439-89-6]	59,66	%		
	K <sub>2</sub> O		0,29	%		
	Lanthanum (La)	[7439-91-0]	12	ppm		
	Lanthanum (La)	[7439-91-0]	0,0012	%		
	Lead (Pb)	[7439-92-1]	9	ppm		
	Lead (Pb)	[7439-92-1]	0,0009	%		
	Lithium (Li)	[7439-93-2]	20	ppm		
	Lithium (Li)	[7439-93-2]	0,002	%		
	LOI		1,08	%		

Magnesium (Mg)	[7439-95-4]	201	ppm
Magnesium (Mg)	[7439-95-4]	0,0201	%
Manganese (Mn)	[7439-96-5]	165	ppm
Manganese (Mn)	[7439-96-5]	0,0165	%
Neodymium (Nd)	[7440-00-8]	8	ppm
Neodymium (Nd)	[7440-00-8]	0,0008	%
Nickel (Ni)	[7440-02-0]	22	ppm
Nickel (Ni)	[7440-02-0]	0,0022	%
Niobium (Nb)	[7440-03-1]	2	ppm
Niobium (Nb)	[7440-03-1]	0,0002	%
P2O5		0,15	%
Phosphorus (P)	[7723-14-0]	667	ppm
Phosphorus (P)	[7723-14-0]	0,0667	%
Rubidium (Rb)	[7440-17-7]	8	ppm
Rubidium (Rb)	[7440-17-7]	0,0008	%
Silicon (Si)	[7440-21-3]	4,68	%
Specific Gravity		5	
Sulfur (S)	[7704-34-9]	9,98	%
Thallium (Tl)	[7440-28-0]	0,09	%
Thorium (Th)	[7440-29-1]	3	ppm
Thorium (Th)	[7440-29-1]	0,0003	%
TiO2		0,16	%
Tungsten (W)	[7440-33-7]	1	ppm
Tungsten (W)	[7440-33-7]	0,0001	%
Uranium (U)	[7440-61-1]	0,9	ppm
Uranium (U)	[7440-61-1]	0,00009	%
Zirconium (Zr)	[7440-67-7]	30	ppm
Zirconium (Zr)	[7440-67-7]	0,003	%