

**REE, SuperCRM, Matrix: lateritic, Mineralisation Style: carbonatite**

Art. ID OREAS-463-1KG  
Unit 1000 g  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	CeO <sub>2</sub>		0,81	%	Borate / Peroxide Fusion ICP	
	Lanthanum(III) oxide (La <sub>2</sub> O <sub>3</sub> )		0,5824	%	Borate / Peroxide Fusion ICP	
	Neodymium(III) oxide (Nd <sub>2</sub> O <sub>3</sub> )		0,4295	%	Borate / Peroxide Fusion ICP	
	CeO <sub>2</sub>		0,815	%	Borate Fusion XRF	
	Fe <sub>2</sub> O <sub>3</sub>		49,48	%	Borate Fusion XRF	
	Lanthanum(III) oxide (La <sub>2</sub> O <sub>3</sub> )		0,5917	%	Borate Fusion XRF	
	Neodymium(III) oxide (Nd <sub>2</sub> O <sub>3</sub> )		0,433	%	Borate Fusion XRF	
	Praseodymium(III,IV) oxide (Pr <sub>6</sub> O <sub>11</sub> )		0,1201	%	Borate Fusion XRF	
	Samarium(III) oxide (Sm <sub>2</sub> O <sub>3</sub> )		0,0597	%	Borate Fusion XRF	
	Thorium dioxide (ThO <sub>2</sub> )		0,0364	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,781	%	Thermogravimetry	
	Al <sub>2</sub> O <sub>3</sub>		10,64	%	Borate / Peroxide Fusion ICP	
	BaO		0,1235	%	Borate / Peroxide Fusion ICP	

Beryllium (Be)	[7440-41-7]	0,000562	%	Borate / Peroxide Fusion ICP
Bismuth (Bi)	[7440-69-9]	0,000275	%	Borate / Peroxide Fusion ICP
CaO		1,71	%	Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,00152	%	Borate / Peroxide Fusion ICP
Cr <sub>2</sub> O <sub>3</sub>		0,0838	%	Borate / Peroxide Fusion ICP
Cesium (Cs)		0,000042	%	Borate / Peroxide Fusion ICP
Copper (Cu)	[7440-50-8]	0,0074	%	Borate / Peroxide Fusion ICP
Dy <sub>2</sub> O <sub>3</sub>		0,0081	%	Borate / Peroxide Fusion ICP
Er <sub>2</sub> O <sub>3</sub>		0,00183	%	Borate / Peroxide Fusion ICP
Eu <sub>2</sub> O <sub>3</sub>		0,0133	%	Borate / Peroxide Fusion ICP
Fe <sub>2</sub> O <sub>3</sub>		49,29	%	Borate / Peroxide Fusion ICP
Gallium (Ga)	[7440-55-3]	0,0063	%	Borate / Peroxide Fusion ICP
Gd <sub>2</sub> O <sub>3</sub>		0,0278	%	Borate / Peroxide Fusion ICP

				sion ICP
HfO <sub>2</sub>		0,00163	%	Borate / Peroxide Fusion ICP
Holmium(III) oxide (Ho <sub>2</sub> O <sub>3</sub> )		0,000998	%	Borate / Peroxide Fusion ICP
Indium (In)	[7440-74-6]	0,000101	%	Borate / Peroxide Fusion ICP
Potassium oxide (K <sub>2</sub> O)		0,143	%	Borate / Peroxide Fusion ICP
Lithium (Li)	[7439-93-2]	0,00104	%	Borate / Peroxide Fusion ICP
Lutetium(III) oxide (Lu <sub>2</sub> O <sub>3</sub> )		0,00009	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	1,7	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,156	%	Borate / Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,0056	%	Borate / Peroxide Fusion ICP
Niobium(V) oxide (Nb <sub>2</sub> O <sub>5</sub> )		0,2139	%	Borate / Peroxide Fusion ICP
Nickel oxide (NiO)		0,009	%	Borate / Peroxide Fusion ICP
Phosphorous(V) oxide (P <sub>2</sub> O <sub>5</sub> )		1,44	%	Borate / Peroxide Fusion ICP
Lead oxide (PbO)		0,0132	%	Borate / P

					erioxide Fu sion ICP
Praseodymium(III,IV) oxide (Pr <sub>6</sub> O <sub>11</sub> )		0,1212	%		Borate / Peroxide Fu sion ICP
Rubidium (Rb)	[7440-17-7]	0,000608	%		Borate / Peroxide Fu sion ICP
Sulfur (S)	[7704-34-9]	0,0671	%		Borate / Peroxide Fu sion ICP
Antimony (Sb)	[7440-36-0]	0,000231	%		Borate / Peroxide Fu sion ICP
Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	27,5	%		Borate / Peroxide Fu sion ICP
Samarium(III) oxide (Sm <sub>2</sub> O <sub>3</sub> )		0,0624	%		Borate / Peroxide Fu sion ICP
Tin dioxide (SnO <sub>2</sub> )		0,00399	%		Borate / Peroxide Fu sion ICP
Strontium oxide (SrO)		0,1136	%		Borate / Peroxide Fu sion ICP
Tantalum(V) oxide (Ta <sub>2</sub> O <sub>5</sub> )		0,00308	%		Borate / Peroxide Fu sion ICP
Terbium(III,IV) oxide (Tb <sub>4</sub> O <sub>7</sub> )		0,00239	%		Borate / Peroxide Fu sion ICP
Thorium dioxide (ThO <sub>2</sub> )		0,0332	%		Borate / Peroxide Fu sion ICP
Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	3,21	%		Borate / Peroxide Fu sion ICP

Thulium(III) oxide (Tm <sub>2</sub> O <sub>3</sub> )		0,00018	%	Borate / Peroxide Fusion ICP
Uranium(V,VI) oxide (U <sub>3</sub> O <sub>8</sub> )		0,000926	%	Borate / Peroxide Fusion ICP
Vanadium oxide (V <sub>2</sub> O <sub>5</sub> )		0,0643	%	Borate / Peroxide Fusion ICP
Tungsten trioxide (WO <sub>3</sub> )		0,000471	%	Borate / Peroxide Fusion ICP
Yttrium(III) oxide (Y <sub>2</sub> O <sub>3</sub> )		0,0229	%	Borate / Peroxide Fusion ICP
Ytterbium(III) oxide (Yb <sub>2</sub> O <sub>3</sub> )		0,0008	%	Borate / Peroxide Fusion ICP
Zinc oxide (ZnO)	[1314-13-2]	0,0526	%	Borate / Peroxide Fusion ICP
Zirconium dioxide (ZrO <sub>2</sub> )		0,0778	%	Borate / Peroxide Fusion ICP
Silver (Ag)	[7440-22-4]	< 0,0003	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	5,47	%	4-Acid Digestion
Arsenic (As)	[7440-38-2]	0,00313	%	4-Acid Digestion
Barium (Ba)	[7440-39-3]	0,1135	%	4-Acid Digestion
Beryllium (Be)	[7440-41-7]	0,000532	%	4-Acid Digestion
Bismuth (Bi)	[7440-69-9]	0,000293	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	1,19	%	4-Acid Digestion

Cerium (Ce)	[7440-45-1]	0,654	%	4-Acid Digestion
Cobalt (Co)	[7440-48-4]	0,00135	%	4-Acid Digestion
Chromium (Cr)	[7440-47-3]	0,046	%	4-Acid Digestion
Cesium (Cs)		0,000042	%	4-Acid Digestion
Copper (Cu)	[7440-50-8]	0,0065	%	4-Acid Digestion
Dysprosium (Dy)	[7429-91-6]	0,0071	%	4-Acid Digestion
Erbium (Er)	[7440-52-0]	0,00148	%	4-Acid Digestion
Europium (Eu)	[7440-53-1]	0,0121	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	33,33	%	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	0,0244	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,00074	%	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,000837	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,000095	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,109	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,4773	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,00105	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,000067	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	1,01	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,112	%	4-Acid Digestion

Molybdenum (Mo)	[7439-98-7]	0,0057	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,173	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	0,3611	%	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	0,0076	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,59	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,013	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,0986	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,000611	%	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	< 0,000002	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,0624	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000214	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,0066	%	4-Acid Digestion
Selenium (Se)	[7782-49-2]	< 0,002	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,0531	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,00256	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,0934	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,00217	%	4-Acid Digestion
Terbium (Tb)	[7440-27-9]	0,00206	%	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	0,000035	%	4-Acid Digestion

Thorium (Th)	[7440-29-1]	0,0291	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,876	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,0000094	%	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,000133	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,000755	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0327	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,000245	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,0176	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,000586	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0391	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,0256	%	4-Acid Digestion