

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

Art. ID OREAS-465-1KG
Unit 1000 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	CeO ₂		4,86	%	Borate / Peroxide Fusion ICP	
	Lanthanum(III) oxide (La ₂ O ₃)		2,83	%	Borate / Peroxide Fusion ICP	
	Neodymium(III) oxide (Nd ₂ O ₃)		1,37	%	Borate / Peroxide Fusion ICP	
	CeO ₂		4,88	%	Borate Fusion XRF	
	Fe ₂ O ₃		49,96	%	Borate Fusion XRF	
	Lanthanum(III) oxide (La ₂ O ₃)		2,84	%	Borate Fusion XRF	
	Neodymium(III) oxide (Nd ₂ O ₃)		1,38	%	Borate Fusion XRF	
	Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,4534	%	Borate Fusion XRF	
	Samarium(III) oxide (Sm ₂ O ₃)		0,164	%	Borate Fusion XRF	
	Thorium dioxide (ThO ₂)		0,0901	%	Borate Fusion XRF	
	Yttrium(III) oxide (Y ₂ O ₃)		0,0637	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,824	%	Thermogravimetry	
	Al ₂ O ₃		12,47	%	Borate / Peroxide Fusion ICP	
	BaO		0,4909	%	Borate / P	

					eroxide Fu sion ICP
Beryllium (Be)	[7440-41-7]	0,00132	%		Borate / P eroxide Fu sion ICP
Bismuth (Bi)	[7440-69-9]	0,00169	%		Borate / P eroxide Fu sion ICP
CaO		1,26	%		Borate / P eroxide Fu sion ICP
Cr ₂ O ₃		0,0795	%		Borate / P eroxide Fu sion ICP
Cesium (Cs)		< 0,00001	%		Borate / P eroxide Fu sion ICP
Dy ₂ O ₃		0,0249	%		Borate / P eroxide Fu sion ICP
Er ₂ O ₃		0,0058	%		Borate / P eroxide Fu sion ICP
Eu ₂ O ₃		0,0331	%		Borate / P eroxide Fu sion ICP
Fe ₂ O ₃		49,63	%		Borate / P eroxide Fu sion ICP
Gallium (Ga)	[7440-55-3]	0,0214	%		Borate / P eroxide Fu sion ICP
Gd ₂ O ₃		0,0674	%		Borate / P eroxide Fu sion ICP
HfO ₂		0,00488	%		Borate / P eroxide Fu sion ICP

Holmium(III) oxide (Ho ₂ O ₃)		0,00317	%	Borate / Peroxide Fusion ICP
Indium (In)	[7440-74-6]	0,000347	%	Borate / Peroxide Fusion ICP
Lutetium(III) oxide (Lu ₂ O ₃)		0,000239	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	0,65	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,339	%	Borate / Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,0114	%	Borate / Peroxide Fusion ICP
Niobium(V) oxide (Nb ₂ O ₅)		0,6695	%	Borate / Peroxide Fusion ICP
Phosphorous(V) oxide (P ₂ O ₅)		8,74	%	Borate / Peroxide Fusion ICP
Lead oxide (PbO)		0,0545	%	Borate / Peroxide Fusion ICP
Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,4557	%	Borate / Peroxide Fusion ICP
Sulfur (S)	[7704-34-9]	0,1941	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	3,28	%	Borate / Peroxide Fusion ICP
Samarium(III) oxide (Sm ₂ O ₃)		0,1578	%	Borate / Peroxide Fusion ICP

				sion ICP
Tin dioxide (SnO ₂)		0,0172	%	Borate / Peroxide Fusion ICP
Strontium oxide (SrO)		0,6154	%	Borate / Peroxide Fusion ICP
Tantalum(V) oxide (Ta ₂ O ₅)		0,0096	%	Borate / Peroxide Fusion ICP
Terbium(III,IV) oxide (Tb ₄ O ₇)		0,0067	%	Borate / Peroxide Fusion ICP
Thorium dioxide (ThO ₂)		0,0985	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	10,51	%	Borate / Peroxide Fusion ICP
Thulium(III) oxide (Tm ₂ O ₃)		0,000516	%	Borate / Peroxide Fusion ICP
Uranium(V,VI) oxide (U ₃ O ₈)		0,0016	%	Borate / Peroxide Fusion ICP
Vanadium oxide (V ₂ O ₅)		0,0953	%	Borate / Peroxide Fusion ICP
Tungsten trioxide (WO ₃)		0,000948	%	Borate / Peroxide Fusion ICP
Yttrium(III) oxide (Y ₂ O ₃)		0,0665	%	Borate / Peroxide Fusion ICP
Ytterbium(III) oxide (Yb ₂ O ₃)		0,00216	%	Borate / Peroxide Fusion ICP
Zirconium dioxide (ZrO ₂)		0,2539	%	Borate / P

				erioxide Fu sion ICP
Silver (Ag)	[7440-22-4]	0,000548	%	4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	6,21	%	4-Acid Dig estion
Barium (Ba)	[7440-39-3]	0,4359	%	4-Acid Dig estion
Beryllium (Be)	[7440-41-7]	0,00116	%	4-Acid Dig estion
Bismuth (Bi)	[7440-69-9]	0,00173	%	4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	0,872	%	4-Acid Dig estion
Cadmium (Cd)	[7440-43-9]	0,00012	%	4-Acid Dig estion
Cerium (Ce)	[7440-45-1]	3,91	%	4-Acid Dig estion
Cobalt (Co)	[7440-48-4]	0,00187	%	4-Acid Dig estion
Cesium (Cs)		< 0,00001	%	4-Acid Dig estion
Copper (Cu)	[7440-50-8]	0,0128	%	4-Acid Dig estion
Dysprosium (Dy)	[7429-91-6]	0,0215	%	4-Acid Dig estion
Erbium (Er)	[7440-52-0]	0,00473	%	4-Acid Dig estion
Europium (Eu)	[7440-53-1]	0,0282	%	4-Acid Dig estion
Iron (Fe)	[7439-89-6]	29,55	%	4-Acid Dig estion
Gallium (Ga)	[7440-55-3]	0,0188	%	4-Acid Dig estion
Gadolinium (Gd)	[7440-54-2]	0,0581	%	4-Acid Dig estion
Hafnium (Hf)	[7440-58-6]	0,00144	%	4-Acid Dig estion

Holmium (Ho)	[7440-60-0]	0,00268	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,000318	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	2,27	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,000304	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,000172	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,374	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,198	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,0098	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	< 0,200	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	1,1	%	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	0,0106	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	3,15	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,0573	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,367	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,000043	%	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	< 0,000005	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,0149	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,1307	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,505	%	4-Acid Digestion

Terbium (Tb)	[7440-27-9]	0,0057	%	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	< 0,0001	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,0805	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,0000087	%	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,000382	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,00126	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0427	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,0478	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,00149	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0921	%	4-Acid Digestion