

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

Art. ID OREAS-461-1KG
Unit 1000 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	CeO ₂		0,4311	%	Borate / Peroxide Fusion ICP	
	Lanthanum(III) oxide (La ₂ O ₃)		0,3155	%	Borate / Peroxide Fusion ICP	
	Neodymium(III) oxide (Nd ₂ O ₃)		0,19	%	Borate / Peroxide Fusion ICP	
	CeO ₂		0,4376	%	Borate Fusion XRF	
	Fe ₂ O ₃		46,09	%	Borate Fusion XRF	
	Lanthanum(III) oxide (La ₂ O ₃)		0,3191	%	Borate Fusion XRF	
	Neodymium(III) oxide (Nd ₂ O ₃)		0,1928	%	Borate Fusion XRF	
	Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,0585	%	Borate Fusion XRF	
	Thorium dioxide (ThO ₂)		0,0265	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,996	%	Thermogravimetry	
	Al ₂ O ₃		11,31	%	Borate / Peroxide Fusion ICP	
	BaO		0,1037	%	Borate / Peroxide Fusion ICP	
	Beryllium (Be)	[7440-41-7]	0,00023	%	Borate / Peroxide Fusion ICP	

					sion ICP
Bismuth (Bi)	[7440-69-9]	0,000249	%		Borate / P eroxide Fu sion ICP
CaO		1,76	%		Borate / P eroxide Fu sion ICP
Cobalt (Co)	[7440-48-4]	0,00115	%		Borate / P eroxide Fu sion ICP
Cr ₂ O ₃		0,0875	%		Borate / P eroxide Fu sion ICP
Cesium (Cs)		0,000079	%		Borate / P eroxide Fu sion ICP
Copper (Cu)	[7440-50-8]	0,006	%		Borate / P eroxide Fu sion ICP
Dy ₂ O ₃		0,004	%		Borate / P eroxide Fu sion ICP
Er ₂ O ₃		0,00101	%		Borate / P eroxide Fu sion ICP
Eu ₂ O ₃		0,0054	%		Borate / P eroxide Fu sion ICP
Fe ₂ O ₃		45,43	%		Borate / P eroxide Fu sion ICP
Gallium (Ga)	[7440-55-3]	0,005	%		Borate / P eroxide Fu sion ICP
Gd ₂ O ₃		0,0116	%		Borate / P eroxide Fu sion ICP
HfO ₂		0,00166	%		Borate / P

				erioxide Fu sion ICP
Holmium(III) oxide (Ho ₂ O ₃)		0,000522	%	Borate / P erioxide Fu sion ICP
Indium (In)	[7440-74-6]	0,00006	%	Borate / P erioxide Fu sion ICP
Potassium oxide (K ₂ O)		0,285	%	Borate / P erioxide Fu sion ICP
Lithium (Li)	[7439-93-2]	0,0012	%	Borate / P erioxide Fu sion ICP
Lutetium(III) oxide (Lu ₂ O ₃)		0,000059	%	Borate / P erioxide Fu sion ICP
Magnesium oxide (MgO)	[1309-48-4]	1,74	%	Borate / P erioxide Fu sion ICP
Manganese oxide (MnO)		0,0843	%	Borate / P erioxide Fu sion ICP
Molybdenum (Mo)	[7439-98-7]	0,00457	%	Borate / P erioxide Fu sion ICP
Niobium(V) oxide (Nb ₂ O ₅)		0,1854	%	Borate / P erioxide Fu sion ICP
Nickel oxide (NiO)		0,0081	%	Borate / P erioxide Fu sion ICP
Phosphorous(V) oxide (P ₂ O ₅)		0,822	%	Borate / P erioxide Fu sion ICP
Lead oxide (PbO)		0,0114	%	Borate / P erioxide Fu sion ICP

Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,059	%	Borate / Peroxide Fusion ICP
Rubidium (Rb)	[7440-17-7]	0,00135	%	Borate / Peroxide Fusion ICP
Sulfur (S)	[7704-34-9]	0,0518	%	Borate / Peroxide Fusion ICP
Antimony (Sb)	[7440-36-0]	0,000276	%	Borate / Peroxide Fusion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	31,46	%	Borate / Peroxide Fusion ICP
Samarium(III) oxide (Sm ₂ O ₃)		0,0255	%	Borate / Peroxide Fusion ICP
Tin dioxide (SnO ₂)		0,00325	%	Borate / Peroxide Fusion ICP
Strontium oxide (SrO)		0,0685	%	Borate / Peroxide Fusion ICP
Tantalum(V) oxide (Ta ₂ O ₅)		0,00307	%	Borate / Peroxide Fusion ICP
Terbium(III,IV) oxide (Tb ₄ O ₇)		0,00107	%	Borate / Peroxide Fusion ICP
Thorium dioxide (ThO ₂)		0,0239	%	Borate / Peroxide Fusion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	3,07	%	Borate / Peroxide Fusion ICP
Thulium(III) oxide (Tm ₂ O ₃)		0,000102	%	Borate / Peroxide Fusion ICP

Uranium(V,VI) oxide (U3O8)		0,000565	%	fusion ICP Borate / Peroxide Fusion ICP
Vanadium oxide (V2O5)		0,0687	%	Borate / Peroxide Fusion ICP
Tungsten trioxide (WO3)		0,000489	%	Borate / Peroxide Fusion ICP
Yttrium(III) oxide (Y2O3)		0,0116	%	Borate / Peroxide Fusion ICP
Ytterbium(III) oxide (Yb2O3)		0,0005	%	Borate / Peroxide Fusion ICP
Zinc oxide (ZnO)	[1314-13-2]	0,0201	%	Borate / Peroxide Fusion ICP
Zirconium dioxide (ZrO2)		0,0815	%	Borate / Peroxide Fusion ICP
Silver (Ag)	[7440-22-4]	< 0,0002	%	4-Acid Digestion
Aluminium (Al)	[7429-90-5]	5,96	%	4-Acid Digestion
Arsenic (As)	[7440-38-2]	0,00336	%	4-Acid Digestion
Barium (Ba)	[7440-39-3]	0,0957	%	4-Acid Digestion
Beryllium (Be)	[7440-41-7]	0,000209	%	4-Acid Digestion
Bismuth (Bi)	[7440-69-9]	0,000243	%	4-Acid Digestion
Calcium (Ca)	[7440-70-2]	1,21	%	4-Acid Digestion
Cadmium (Cd)	[7440-43-9]	< 0,00001	%	4-Acid Digestion

Cerium (Ce)	[7440-45-1]	0,3508	%	4-Acid Digestion
Cobalt (Co)	[7440-48-4]	0,00121	%	4-Acid Digestion
Chromium (Cr)	[7440-47-3]	0,0524	%	4-Acid Digestion
Cesium (Cs)		0,000077	%	4-Acid Digestion
Copper (Cu)	[7440-50-8]	0,0056	%	4-Acid Digestion
Dysprosium (Dy)	[7429-91-6]	0,00335	%	4-Acid Digestion
Erbium (Er)	[7440-52-0]	0,000746	%	4-Acid Digestion
Europium (Eu)	[7440-53-1]	0,00476	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	31,52	%	4-Acid Digestion
Gallium (Ga)	[7440-55-3]	0,00455	%	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	0,0098	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000739	%	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,000406	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,000057	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,233	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,2476	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,0012	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,000039	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,999	%	4-Acid Digestion

Manganese (Mn)	[7439-96-5]	0,0547	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,00482	%	4-Acid Digestion
Sodium (Na)	[7440-23-5]	0,178	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	0,1623	%	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	0,0071	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	0,338	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,0104	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,0482	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,00133	%	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	< 0,000001	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,0475	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000242	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,00388	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,0208	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,00216	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,0564	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,00209	%	4-Acid Digestion
Terbium (Tb)	[7440-27-9]	0,000909	%	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	0,000034	%	4-Acid Digestion

Thorium (Th)	[7440-29-1]	0,0207	%	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	1,06	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,00001	%	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,00007	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,00044	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0352	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,00025	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,0083	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,000306	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,0139	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,027	%	4-Acid Digestion