

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

Art. ID OREAS-464-1KG
Unit 1000 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	CeO ₂		1,88	%	Borate / Peroxide Fusion ICP	
	Lanthanum(III) oxide (La ₂ O ₃)		1,37	%	Borate / Peroxide Fusion ICP	
	Neodymium(III) oxide (Nd ₂ O ₃)		1,16	%	Borate / Peroxide Fusion ICP	
	CeO ₂		1,89	%	Borate Fusion XRF	
	Fe ₂ O ₃		54,4	%	Borate Fusion XRF	
	Lanthanum(III) oxide (La ₂ O ₃)		1,41	%	Borate Fusion XRF	
	Neodymium(III) oxide (Nd ₂ O ₃)		1,12	%	Borate Fusion XRF	
	Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,307	%	Borate Fusion XRF	
	Samarium(III) oxide (Sm ₂ O ₃)		0,1635	%	Borate Fusion XRF	
	Thorium dioxide (ThO ₂)		0,0576	%	Borate Fusion XRF	
	Yttrium(III) oxide (Y ₂ O ₃)		0,0562	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,697	%	Thermogravimetry	
	Al ₂ O ₃		8,75	%	Borate / Peroxide Fusion ICP	
	BaO		0,185	%	Borate / P	

					erioxide Fusion ICP
Beryllium (Be)	[7440-41-7]	0,00156	%		Borate / Peroxide Fusion ICP
Bismuth (Bi)	[7440-69-9]	0,00038	%		Borate / Peroxide Fusion ICP
CaO		1,25	%		Borate / Peroxide Fusion ICP
Cobalt (Co)	[7440-48-4]	0,0018	%		Borate / Peroxide Fusion ICP
Cr ₂ O ₃		0,0577	%		Borate / Peroxide Fusion ICP
Cesium (Cs)		0,000027	%		Borate / Peroxide Fusion ICP
Dy ₂ O ₃		0,0204	%		Borate / Peroxide Fusion ICP
Er ₂ O ₃		0,00436	%		Borate / Peroxide Fusion ICP
Eu ₂ O ₃		0,0375	%		Borate / Peroxide Fusion ICP
Fe ₂ O ₃		53,2	%		Borate / Peroxide Fusion ICP
Gallium (Ga)	[7440-55-3]	0,0106	%		Borate / Peroxide Fusion ICP
Gd ₂ O ₃		0,0779	%		Borate / Peroxide Fusion ICP

HfO ₂		0,00148	%	Borate / Peroxide Fusion ICP
Holmium(III) oxide (Ho ₂ O ₃)		0,00244	%	Borate / Peroxide Fusion ICP
Indium (In)	[7440-74-6]	0,000214	%	Borate / Peroxide Fusion ICP
Potassium oxide (K ₂ O)		0,104	%	Borate / Peroxide Fusion ICP
Lutetium(III) oxide (Lu ₂ O ₃)		0,000192	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	1,4	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,365	%	Borate / Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,0077	%	Borate / Peroxide Fusion ICP
Niobium(V) oxide (Nb ₂ O ₅)		0,2723	%	Borate / Peroxide Fusion ICP
Nickel oxide (NiO)		0,0104	%	Borate / Peroxide Fusion ICP
Phosphorous(V) oxide (P ₂ O ₅)		3,23	%	Borate / Peroxide Fusion ICP
Lead oxide (PbO)		0,0187	%	Borate / Peroxide Fusion ICP
Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,3138	%	Borate / Peroxide Fusion ICP

					sion ICP
Rubidium (Rb)	[7440-17-7]	0,000439	%		Borate / P eroxide Fu sion ICP
Sulfur (S)	[7704-34-9]	0,1028	%		Borate / P eroxide Fu sion ICP
Antimony (Sb)	[7440-36-0]	0,00018	%		Borate / P eroxide Fu sion ICP
Silicon dioxide (SiO ₂)	[7631-86-9]	20,36	%		Borate / P eroxide Fu sion ICP
Samarium(III) oxide (Sm 2O ₃)		0,1738	%		Borate / P eroxide Fu sion ICP
Tin dioxide (SnO ₂)		0,0058	%		Borate / P eroxide Fu sion ICP
Strontium oxide (SrO)		0,2437	%		Borate / P eroxide Fu sion ICP
Tantalum(V) oxide (Ta ₂ O 5)		0,00297	%		Borate / P eroxide Fu sion ICP
Terbium(III,IV) oxide (Tb ₄ O ₇)		0,0063	%		Borate / P eroxide Fu sion ICP
Thorium dioxide (ThO ₂)		0,06	%		Borate / P eroxide Fu sion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	3,26	%		Borate / P eroxide Fu sion ICP
Thulium(III) oxide (Tm ₂ O ₃)		0,000406	%		Borate / P eroxide Fu sion ICP
Uranium(V,VI) oxide (U ₃		0,00207	%		Borate / P

O8)				erioxide Fu sion ICP
Vanadium oxide (V ₂ O ₅)		0,0412	%	Borate / P erioxide Fu sion ICP
Tungsten trioxide (WO ₃)		< 0,0007	%	Borate / P erioxide Fu sion ICP
Yttrium(III) oxide (Y ₂ O ₃)		0,057	%	Borate / P erioxide Fu sion ICP
Ytterbium(III) oxide (Yb ₂ O ₃)		0,00179	%	Borate / P erioxide Fu sion ICP
Zinc oxide (ZnO)	[1314-13-2]	0,1533	%	Borate / P erioxide Fu sion ICP
Zirconium dioxide (ZrO ₂)		0,0624	%	Borate / P erioxide Fu sion ICP
Silver (Ag)	[7440-22-4]	0,000443	%	4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	4,47	%	4-Acid Dig estion
Arsenic (As)	[7440-38-2]	0,00329	%	4-Acid Dig estion
Barium (Ba)	[7440-39-3]	0,1648	%	4-Acid Dig estion
Beryllium (Be)	[7440-41-7]	0,00152	%	4-Acid Dig estion
Bismuth (Bi)	[7440-69-9]	0,000405	%	4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	0,851	%	4-Acid Dig estion
Cadmium (Cd)	[7440-43-9]	0,000052	%	4-Acid Dig estion
Cerium (Ce)	[7440-45-1]	1,55	%	4-Acid Dig estion

Cobalt (Co)	[7440-48-4]	0,0017	%	4-Acid Digestion
Chromium (Cr)	[7440-47-3]	0,0335	%	4-Acid Digestion
Cesium (Cs)		0,000029	%	4-Acid Digestion
Copper (Cu)	[7440-50-8]	0,0092	%	4-Acid Digestion
Dysprosium (Dy)	[7429-91-6]	0,0182	%	4-Acid Digestion
Erbium (Er)	[7440-52-0]	0,00369	%	4-Acid Digestion
Europium (Eu)	[7440-53-1]	0,0334	%	4-Acid Digestion
Iron (Fe)	[7439-89-6]	35,55	%	4-Acid Digestion
Gadolinium (Gd)	[7440-54-2]	0,067	%	4-Acid Digestion
Hafnium (Hf)	[7440-58-6]	0,000779	%	4-Acid Digestion
Holmium (Ho)	[7440-60-0]	0,00213	%	4-Acid Digestion
Indium (In)	[7440-74-6]	0,000211	%	4-Acid Digestion
Potassium (K)	[7440-09-7]	0,081	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	1,06	%	4-Acid Digestion
Lithium (Li)	[7439-93-2]	0,000826	%	4-Acid Digestion
Lutetium (Lu)	[7439-94-3]	0,000157	%	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	0,825	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,27	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,0077	%	4-Acid Digestion

Sodium (Na)	[7440-23-5]	0,149	%	4-Acid Digestion
Neodymium (Nd)	[7440-00-8]	0,959	%	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	0,0089	%	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	1,36	%	4-Acid Digestion
Lead (Pb)	[7439-92-1]	0,0205	%	4-Acid Digestion
Praseodymium (Pr)	[7440-10-0]	0,2601	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,000422	%	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	< 0,000003	%	4-Acid Digestion
Sulfur (S)	[7704-34-9]	0,0983	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,000187	%	4-Acid Digestion
Scandium (Sc)	[7440-20-2]	0,0141	%	4-Acid Digestion
Selenium (Se)	[7782-49-2]	< 0,005	%	4-Acid Digestion
Samarium (Sm)	[7440-19-9]	0,1485	%	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,00357	%	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,2043	%	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	0,00209	%	4-Acid Digestion
Terbium (Tb)	[7440-27-9]	0,0055	%	4-Acid Digestion
Tellurium (Te)	[13494-80-9]	0,000036	%	4-Acid Digestion
Thorium (Th)	[7440-29-1]	0,0506	%	4-Acid Digestion

Titanium (Ti)	[7440-32-6]	< 1,00	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	0,000015	%	4-Acid Digestion
Thulium (Tm)	[7440-30-4]	0,00033	%	4-Acid Digestion
Uranium (U)	[7440-61-1]	0,00176	%	4-Acid Digestion
Vanadium (V)	[7440-62-2]	0,0207	%	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,000237	%	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,0449	%	4-Acid Digestion
Ytterbium (Yb)	[7440-64-4]	0,00143	%	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	0,1128	%	4-Acid Digestion
Zirconium (Zr)	[7440-67-7]	0,021	%	4-Acid Digestion