

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

Art. ID OREAS-460-10G
Unit 10 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	CeO ₂		0,2209	%	Borate / Peroxide Fusion ICP	
	Lanthanum(III) oxide (La ₂ O ₃)		0,1606	%	Borate / Peroxide Fusion ICP	
	Neodymium(III) oxide (Nd ₂ O ₃)		0,0911	%	Borate / Peroxide Fusion ICP	
	CeO ₂		0,2213	%	Borate Fusion XRF	
	Fe ₂ O ₃		26,81	%	Borate Fusion XRF	
	Lanthanum(III) oxide (La ₂ O ₃)		0,1626	%	Borate Fusion XRF	
	Neodymium(III) oxide (Nd ₂ O ₃)		0,0958	%	Borate Fusion XRF	
	Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,0289	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		2,54	%	Thermogravimetry	
	Al ₂ O ₃		12,73	%	Borate / Peroxide Fusion ICP	
	BaO		0,0902	%	Borate / Peroxide Fusion ICP	
	Beryllium (Be)	[7440-41-7]	0,000248	%	Borate / Peroxide Fusion ICP	
	Bismuth (Bi)	[7440-69-9]	0,000148	%	Borate / P	

				erioxide Fu sion ICP
CaO		0,975	%	Borate / P erioxide Fu sion ICP
Cobalt (Co)	[7440-48-4]	0,000944	%	Borate / P erioxide Fu sion ICP
Cr2O3		0,0575	%	Borate / P erioxide Fu sion ICP
Cesium (Cs)		0,000368	%	Borate / P erioxide Fu sion ICP
Dy2O3		0,00228	%	Borate / P erioxide Fu sion ICP
Er2O3		0,000688	%	Borate / P erioxide Fu sion ICP
Eu2O3		0,00263	%	Borate / P erioxide Fu sion ICP
Fe2O3		27,02	%	Borate / P erioxide Fu sion ICP
Gallium (Ga)	[7440-55-3]	0,00338	%	Borate / P erioxide Fu sion ICP
Gd2O3		0,0058	%	Borate / P erioxide Fu sion ICP
HfO2		0,00139	%	Borate / P erioxide Fu sion ICP
Holmium(III) oxide (Ho2 O3)		0,000318	%	Borate / P erioxide Fu sion ICP

Potassium oxide (K ₂ O)		1,48	%	Borate / Peroxide Fusion ICP
Lithium (Li)	[7439-93-2]	0,00196	%	Borate / Peroxide Fusion ICP
Lutetium(III) oxide (Lu ₂ O ₃)		0,000059	%	Borate / Peroxide Fusion ICP
Magnesium oxide (MgO)	[1309-48-4]	1,25	%	Borate / Peroxide Fusion ICP
Manganese oxide (MnO)		0,0466	%	Borate / Peroxide Fusion ICP
Molybdenum (Mo)	[7439-98-7]	0,00252	%	Borate / Peroxide Fusion ICP
Niobium(V) oxide (Nb ₂ O ₅)		0,0998	%	Borate / Peroxide Fusion ICP
Nickel oxide (NiO)		0,0068	%	Borate / Peroxide Fusion ICP
Phosphorous(V) oxide (P ₂ O ₅)		0,455	%	Borate / Peroxide Fusion ICP
Lead oxide (PbO)		0,0072	%	Borate / Peroxide Fusion ICP
Praseodymium(III,IV) oxide (Pr ₆ O ₁₁)		0,0294	%	Borate / Peroxide Fusion ICP
Rubidium (Rb)	[7440-17-7]	0,0075	%	Borate / Peroxide Fusion ICP
Antimony (Sb)	[7440-36-0]	0,000371	%	Borate / Peroxide Fusion ICP

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Silicon dioxide (SiO ₂)	[7631-86-9]	49,8	%		Borate / P eroxide Fu sion ICP
Samarium(III) oxide (Sm 2O ₃)		0,0125	%		Borate / P eroxide Fu sion ICP
Tin dioxide (SnO ₂)		0,00204	%		Borate / P eroxide Fu sion ICP
Strontium oxide (SrO)		0,036	%		Borate / P eroxide Fu sion ICP
Tantalum(V) oxide (Ta ₂ O 5)		0,00168	%		Borate / P eroxide Fu sion ICP
Terbium(III,IV) oxide (Tb ₄ O ₇)		0,00057	%		Borate / P eroxide Fu sion ICP
Thorium dioxide (ThO ₂)		0,0132	%		Borate / P eroxide Fu sion ICP
Titanium dioxide (TiO ₂)	[13463-67-7]	2	%		Borate / P eroxide Fu sion ICP
Thulium(III) oxide (Tm ₂ O ₃)		0,00008	%		Borate / P eroxide Fu sion ICP
Uranium(V,VI) oxide (U ₃ O ₈)		0,000497	%		Borate / P eroxide Fu sion ICP
Vanadium oxide (V ₂ O ₅)		0,0456	%		Borate / P eroxide Fu sion ICP
Tungsten trioxide (WO ₃)		< 0,0008	%		Borate / P eroxide Fu sion ICP
Yttrium(III) oxide (Y ₂ O		0,0076	%		Borate / P

3)				eroxide Fu sion ICP
Ytterbium(III) oxide (Y b2O3)		0,000445	%	Borate / P eroxide Fu sion ICP
Zinc oxide (ZnO)	[1314-13-2]	0,015	%	Borate / P eroxide Fu sion ICP
Zirconium dioxide (ZrO2)		0,0638	%	Borate / P eroxide Fu sion ICP
Silver (Ag)	[7440-22-4]	< 0,0001	%	4-Acid Dig estion
Aluminium (Al)	[7429-90-5]	6,55	%	4-Acid Dig estion
Arsenic (As)	[7440-38-2]	0,0053	%	4-Acid Dig estion
Barium (Ba)	[7440-39-3]	0,0815	%	4-Acid Dig estion
Beryllium (Be)	[7440-41-7]	0,00024	%	4-Acid Dig estion
Bismuth (Bi)	[7440-69-9]	0,000144	%	4-Acid Dig estion
Calcium (Ca)	[7440-70-2]	0,701	%	4-Acid Dig estion
Cadmium (Cd)	[7440-43-9]	< 0,00001	%	4-Acid Dig estion
Cerium (Ce)	[7440-45-1]	0,1853	%	4-Acid Dig estion
Cobalt (Co)	[7440-48-4]	0,001	%	4-Acid Dig estion
Chromium (Cr)	[7440-47-3]	0,0347	%	4-Acid Dig estion
Cesium (Cs)		0,000378	%	4-Acid Dig estion
Copper (Cu)	[7440-50-8]	0,00417	%	4-Acid Dig estion
Dysprosium (Dy)	[7429-91-6]	0,0018	%	4-Acid Dig

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Erbium (Er)	[7440-52-0]	0,000465	%	4-Acid Dig	estion
Europium (Eu)	[7440-53-1]	0,00231	%	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	18,56	%	4-Acid Dig	estion
Gallium (Ga)	[7440-55-3]	0,0033	%	4-Acid Dig	estion
Gadolinium (Gd)	[7440-54-2]	0,00482	%	4-Acid Dig	estion
Hafnium (Hf)	[7440-58-6]	0,000609	%	4-Acid Dig	estion
Holmium (Ho)	[7440-60-0]	0,000237	%	4-Acid Dig	estion
Indium (In)	[7440-74-6]	0,000031	%	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	1,25	%	4-Acid Dig	estion
Lanthanum (La)	[7439-91-0]	0,1298	%	4-Acid Dig	estion
Lithium (Li)	[7439-93-2]	0,00183	%	4-Acid Dig	estion
Lutetium (Lu)	[7439-94-3]	0,000036	%	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	0,724	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,0307	%	4-Acid Dig	estion
Molybdenum (Mo)	[7439-98-7]	0,00254	%	4-Acid Dig	estion
Sodium (Na)	[7440-23-5]	0,133	%	4-Acid Dig	estion
Neodymium (Nd)	[7440-00-8]	0,0792	%	4-Acid Dig	estion
Nickel (Ni)	[7440-02-0]	0,0062	%	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,193	%	4-Acid Dig	estion

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Lead (Pb)	[7439-92-1]	0,0065	%	4-Acid Dig	estion
Praseodymium (Pr)	[7440-10-0]	0,024	%	4-Acid Dig	estion
Rubidium (Rb)	[7440-17-7]	0,0076	%	4-Acid Dig	estion
Rhenium (Re)	[7440-15-5]	< 0,0000004	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	0,0291	%	4-Acid Dig	estion
Antimony (Sb)	[7440-36-0]	0,00034	%	4-Acid Dig	estion
Scandium (Sc)	[7440-20-2]	0,00279	%	4-Acid Dig	estion
Selenium (Se)	[7782-49-2]	< 0,0005	%	4-Acid Dig	estion
Samarium (Sm)	[7440-19-9]	0,0101	%	4-Acid Dig	estion
Tin (Sn)	[7440-31-5]	0,00133	%	4-Acid Dig	estion
Strontium (Sr)	[7440-24-6]	0,0306	%	4-Acid Dig	estion
Tantalum (Ta)	[7440-25-7]	0,00115	%	4-Acid Dig	estion
Terbium (Tb)	[7440-27-9]	0,00046	%	4-Acid Dig	estion
Tellurium (Te)	[13494-80-9]	0,000021	%	4-Acid Dig	estion
Thorium (Th)	[7440-29-1]	0,0113	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,731	%	4-Acid Dig	estion
Thallium (Tl)	[7440-28-0]	0,000038	%	4-Acid Dig	estion
Thulium (Tm)	[7440-30-4]	0,00005	%	4-Acid Dig	estion
Uranium (U)	[7440-61-1]	0,000385	%	4-Acid Dig	estion

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Vanadium (V)	[7440-62-2]	0,0238	%	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	0,000314	%	4-Acid Dig	estion
Yttrium (Y)	[7440-65-5]	0,00493	%	4-Acid Dig	estion
Ytterbium (Yb)	[7440-64-4]	0,000264	%	4-Acid Dig	estion
Zinc (Zn)	[7440-66-6]	0,0117	%	4-Acid Dig	estion
Zirconium (Zr)	[7440-67-7]	0,0218	%	4-Acid Dig	estion