

## Ore - Rare Earth Elements

Art. ID                      CDN-RE-1202  
Unit                         1 kg  
Deliverydetails            No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Barium (Ba)	[7440-39-3]	4237	ppm		
Certified value	Cerium (Ce)	[7440-45-1]	3199	ppm		
Provisional value	Cesium (Cs)		2,59	ppm		
Certified value	Dysprosium (Dy)	[7429-91-6]	20,5	ppm		
Certified value	Erbium (Er)	[7440-52-0]	6,8	ppm		
Certified value	Europium (Eu)	[7440-53-1]	18	ppm		
Certified value	Gadolinium (Gd)	[7440-54-2]	42,1	ppm		
Provisional value	Hafnium (Hf)	[7440-58-6]	1,7	ppm		
Certified value	Holmium (Ho)	[7440-60-0]	3,1	ppm		
Certified value	Lanthanum (La)	[7439-91-0]	2488	ppm		
Certified value	Lutetium (Lu)	[7439-94-3]	0,63	ppm		
Certified value	Niobium (Nb)	[7440-03-1]	250	ppm		
Certified value	Neodymium (Nd)	[7440-00-8]	666	ppm		
Certified value	Praseodymium (Pr)	[7440-10-0]	252	ppm		
Certified value	Samarium (Sm)	[7440-19-9]	72,6	ppm		
Certified value	Terbium (Tb)	[7440-27-9]	4,9	ppm		
Certified value	Thorium (Th)	[7440-29-1]	115	ppm		
Certified value	Thulium (Tm)	[7440-30-4]	0,84	ppm		
Certified value	Yttrium (Y)	[7440-65-5]	76,3	ppm		
Certified value	Ytterbium (Yb)	[7440-64-4]	4,7	ppm		
Certified value	SiO <sub>2</sub>		34,2	%		
Certified value	Al <sub>2</sub> O <sub>3</sub>		9,73	%		
Certified value	Fe <sub>2</sub> O <sub>3</sub>		7,22	%		
Certified value	CaO		17,26	%		
Certified value	MgO	[1309-48-4]	3,52	%		
Certified value	Na <sub>2</sub> O		4,62	%		
Certified value	K <sub>2</sub> O		1,21	%		
Certified value	TiO <sub>2</sub>		0,46	%		
Certified value	MnO		0,74	%		
Certified value	P <sub>2</sub> O <sub>5</sub>		0,19	%		
Certified value	SrO		0,77	%		

Certified value	BaO	0,48	%
Certified value	Loss on Ignition (LOI)	17,7	%