



## Certificate of analysis

**Reference #: 216.19**

Product name	<b>Lanthanum (III) Oxide (La<sub>2</sub>O<sub>3</sub>)</b>				
Ereztech #	<b>LA2818</b>	CAS#	<b>1312-81-8</b>	Purity	
Lot/batch #	<b>216.19</b>	M.W.	<b>325.8</b>	Seal #	<b>N/A</b>
Appearance	<b>Powder</b>	Storage			
CofO	<b>Russia</b>				

Method of analysis: mass-spectrometry

### The Results of Analysis

Element	ppm	Element	ppm	Element	ppm
<b>Na+K</b>	0.5	<b>Ni</b>	< 0.02	<b>Dy</b>	2
<b>Mg</b>	0.2	<b>Cu</b>	0.7	<b>Ho</b>	0.6
<b>Al</b>	0.5	<b>Zn</b>	< 2	<b>Er</b>	1
<b>Si</b>	3	<b>Y</b>	< 0.1	<b>Tm</b>	0.3
<b>Ca</b>	2	<b>Ce</b>	2	<b>Yb</b>	< 0.1
<b>Sc</b>	0.3	<b>Pr</b>	< 0.1	<b>Lu</b>	< 0.1
<b>Ti</b>	< 0.1	<b>Nd</b>	< 0.1	<b>Pb</b>	< 0.2
<b>V</b>	< 0.01	<b>Sm</b>	< 0.1	<b>Bi</b>	< 0.2
<b>Cr</b>	< 0.01	<b>Eu</b>	< 0.1	<b>Th</b>	< 0.2
<b>Mn</b>	< 0.01	<b>Gd</b>	1	<b>U</b>	< 0.2
<b>Fe</b>	0.4	<b>Tb</b>	0.3	<b>LOI (%)</b>	< 4

Basis compound - 99.999% (REO)