



Certificate of analysis

Reference #: GD8904-8713

Manufacturing date: **09/04/18**

Analysis date: **09/04/18**

Product name	Gadolinium (III) nitrate hydrate [Gd(NO₃)₃.xH₂O], x=6				
Ereztech #	GD8904	CAS#	19598-90-4	Basis compound	99,99% (REO)
Lot/batch #	8713	Net weight/volume	10000g	Seal #	N/A
Appearance	Crystalline aggregates	CoA	Russia		

Method of analysis: mass-spectrometry and ICP

The Results of Analysis

Element	ppm	Element	ppm	Element	ppm
Na	<1	Fe	10	Tb	< 1
Mg	<1	Cu	< 1	Dy	< 1
Al	<1	Zn	< 1	Ho	< 1
Si	20	Y	< 5	Er	< 5
K	<1	La	5	Tm	< 2
Ca	4	Ce	4	Yb	< 5
Sc	< 1	Pr	< 1	Lu	< 1
Ti	20	Nd	4	Pb	5
V	< 1	Sm	2	Th	< 0.4
Cr	1	Eu	< 2	U	< 0.4

The content of Gd₂O₃ is 40.2%

Basis compound - 99,99% (REO)