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## Certificate of analysis

### Reference #: 007/1307

Manufacturing date **Sep/21/2020**

Analysis date **Sep/21/2020**

Product name	<b>Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gadolinium(III), 99% (99.9% - metals basis)</b>				
Ereztech #	<b>GD8151</b>	CAS#	<b>14768-15-1</b>	Purity	<b>99.8% (by titration)</b>
Lot/batch #	<b>007/1307</b>	Net weight/volume	<b>18000 g</b>	Seal #	<b>N/A</b>
Packaging	<b>30 plastic bottles, 1 glass bottle.</b>	Storage	<b>Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>white crystals/powder</b>			
Titration	<b>% Gd = 22.21 (complexometric)</b>			
Purity	<b>99.8%</b>			
ICP	<b>&gt;99.9%</b>			
Impurity weight, %	<b>Eu2O3</b>	<b>&lt;0.0001</b>	<b>Tb2O3</b>	<b>&lt;0.0001</b>
	<b>Sm2O3</b>	<b>&lt;0.0001</b>	<b>Y2O3</b>	<b>&lt;0.0001</b>