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Certificate of analysis

Reference #: GD8151-007/1327

Manufacturing date Apr/14/21

Analysis date Apr/14/21

Product name	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gadolinium(III), 99% (99.9% - metals basis)				
Ereztech #	GD8151	CAS#	14768-15-1	Purity	99.4% (by titration)
Lot/batch #	007/1327	Net weight/volume	18010 g	Seal #	N/A
Packaging	31 plastic bottles	Storage	Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	off-white crystalline powder			
Titration	% Gd = 22.12 % (complexometric)			
Purity	99.4%			
ICP	>99.9%			
Impurity weight, %	Eu2O3	<0.0001	Tb2O3	<0.0001
	Sm2O3	<0.0001	Y2O3	<0.0001