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## Certificate of analysis

### Reference #: 019/315

**Manufacturing date Dec/17/2020**  
**Analysis date Dec/17/2020**

Product name	<b>Dysprosium(III) chloride, anhydrous (99.9% - Dy) (REO)</b>				
Ereztech #	<b>DY5748</b>	CAS#	<b>10025-74-8</b>	Purity	<b>99.2 % (by titration)</b>
Lot/batch #	<b>019/315</b>	Net weight/volume	<b>750 g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 glass bottle</b>	Storage	<b>Hygroscopic. Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>off-white powder</b>			
Titration	<b>% Dy = 60.9 (complexometric)</b>			
Purity	<b>99.2%</b>			
ICP	<b>&gt;99.9%</b>			
Impurity weight, ppm	<b>Tb<sub>2</sub>O<sub>3</sub></b>	<b>&lt;0.03</b>	<b>Er<sub>2</sub>O<sub>3</sub></b>	<b>0.075</b>
	<b>Ho<sub>2</sub>O<sub>3</sub></b>	<b>0.12</b>	<b>Y<sub>2</sub>O<sub>3</sub></b>	<b>0.045</b>