



## Certificate of analysis

### Reference #: 2018062-031/357

Manufacturing date: **11/27/18**

Analysis date: **11/27/18**

Product name	<b>Tris(ethylcyclopentadienyl)yttrium(III), 98% (99.9% - Y) (REO)</b>				
Ereztech #	<b>Y4597</b>	CAS#	<b>476364-59-7</b>	Purity	<b>98.4% (by titration)</b>
Lot/batch #	<b>031/357</b>	Net weight/volume	<b>73g</b>	Seal #	<b>N/A</b>
Packaging	<b>2 glass ampules (1x5gm; 1x68gm)</b>	Storage	<b>Moisture, air sensitive. Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>Yellow powder</b>			
Purity	<b>98.4%</b>			
Titration	<b>% Y = 23.8 % (complexometric)</b>			
ICP	<b>99.9% (metals basis)</b>			
Impurity weight, ppm	<b>Gd2O3</b>	<b>450</b>	<b>Tb2O3</b>	<b>&lt;100</b>
	<b>Dy2O3</b>	<b>&lt;50</b>	<b>Ho2O3</b>	<b>&lt;50</b>
	<b>Fe</b>	<b>&lt;50</b>	<b>Ca</b>	<b>&lt;50</b>
	<b>Cu</b>	<b>&lt;50</b>	<b>Na</b>	<b>&lt;50</b>