



## Certificate of analysis

### Reference #: 2019008-022/006

Manufacturing date: **02/22/19**Analysis date: **02/27/19**

Product name	<b>Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)yttrium(III), 98+% (99.9%-Y) (REO) [Y(TMHD)3]</b>				
Ereztech #	<b>Y2390</b>	CAS#	<b>15632-39-0</b>	Purity	<b>99.08% by titration</b>
Lot/batch #	<b>022/006</b>	Net weight/volume	<b>600g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 glass bottle</b>	Storage	<b>Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results	
Appearance	<b>White crystals</b>
Titration	<b>% Y = 13.79 % (complexometric)</b>
Purity	<b>99.08%</b>
ICP	<b>99.9% (metals basis)</b>
Impurity weight, ppm	<b>Gd2O3:450 Tb2O3:&lt;100 Dy2O3:&lt;50 Ho2O3:&lt;50 Fe: &lt;50 Ca: &lt;50 Cu: &lt;50 Na: &lt;50</b>