



## Certificate of analysis

### Reference #: 2019073-031/389

Manufacturing date: **Nov/11/19**

Analysis date: **Nov/15/19**

Product name	<b>Tris(n-butylcyclopentadienyl)yttrium(III) , min.99 % (99.9% - Y)</b>				
Ereztech #	<b>Y9778</b>	CAS#	<b>312739-77-8</b>	Purity	<b>99.3% by titration</b>
Lot/batch #	<b>031/389</b>	Net weight/volume	<b>500g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 metal container</b>	Storage	<b>Moisture, air sensitive. Shelf life 3 years.</b>		
CofO	<b>Russia</b>				

Analytical results							
Appearance	<b>Yellow liquid</b>						
Purity	<b>99.3%</b>						
NMR H1	<b>Conforms to structure</b>						
Titration	<b>% Y = 19.5 % (complexometric)</b>						
ICP	<b>99.9% metals basis</b>						
Impurity weight, ppm	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><b>Gd2O3</b></td> <td><b>&lt;0.06</b></td> </tr> <tr> <td><b>Er2O3</b></td> <td><b>0.14</b></td> </tr> <tr> <td><b>Dy2O3</b></td> <td><b>0.67</b></td> </tr> </table>	<b>Gd2O3</b>	<b>&lt;0.06</b>	<b>Er2O3</b>	<b>0.14</b>	<b>Dy2O3</b>	<b>0.67</b>
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