



Certificate of analysis

Reference #: 2018029

Manufacturing date: **02/16/18**

Analysis date: **02/19/18**

Product name	Tris(methylcyclopentadienyl)yttrium(III) , min.98 % (99.9% - Y) (REO)				
Ereztech #	Y5720	CAS#	329735-72-0	Purity	98.5% by titration
Lot/batch #	003/519	Net weight/volume	100gm	Seal #	N/A
Packaging	1 glass ampule	Storage	Under argon. Shelf life 1 year		
CofO	Russia				

Analytical results																	
Appearance	Yellow crystals																
NMR H1	Conforms to structure																
Titration	%Y = 26.8 % (complexometric)																
Purity:	98.5%																
ICP	99.9% (metals basis)																
Impurity weight, %	<table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Gd2O3:</td> <td>0,045</td> </tr> <tr> <td>Tb2O3:</td> <td><0,01</td> </tr> <tr> <td>Dy2O3:</td> <td><0,005</td> </tr> <tr> <td>Ho2O3:</td> <td><0,005</td> </tr> <tr> <td>Fe:</td> <td><0,005</td> </tr> <tr> <td>Ca:</td> <td><0,005</td> </tr> <tr> <td>Cu:</td> <td><0,005</td> </tr> <tr> <td>Na:</td> <td><0,005</td> </tr> </table>	Gd2O3:	0,045	Tb2O3:	<0,01	Dy2O3:	<0,005	Ho2O3:	<0,005	Fe:	<0,005	Ca:	<0,005	Cu:	<0,005	Na:	<0,005
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