



Certificate of analysis

Reference #: 2018007

Manufacturing date: **02/02/18**
 Analysis date: **02/02/18**

Product name	Tris(2,2,6,6-tetramethyl- 3,5-heptanedionato)ytterbium(III) , 98 % (99,9% - Yb)				
Ereztech #	YB2521	CAS#	15492-52-1	Purity	99.6% by titration
Lot/batch #	034/001	Net weight/volume	25g	Seal #	N/A
Packaging	1 plastic can	Storage	Shelf life 1 year.		
CofO	Russia				

Analytical results																									
Appearance	White Powder																								
Titration	%Yb = 24.02% (complexometric)																								
Purity	99.6%																								
ICP	99.9% (metals basis)																								
ICP, PPM	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Sc</td><td><0,02</td></tr> <tr><td>Fe</td><td>0,3±0,1</td></tr> <tr><td>Co</td><td><0,005</td></tr> <tr><td>Zn</td><td><0,2</td></tr> <tr><td>Mn</td><td>0,03</td></tr> <tr><td>Cu</td><td><0,047</td></tr> <tr><td>Ni</td><td><0,3</td></tr> <tr><td>Ti</td><td>0,02±0,01</td></tr> <tr><td>Cr</td><td>0,03±0,01</td></tr> <tr><td>B</td><td><0,001</td></tr> <tr><td>V</td><td><0,02</td></tr> <tr><td>U</td><td><0,001</td></tr> </table>	Sc	<0,02	Fe	0,3±0,1	Co	<0,005	Zn	<0,2	Mn	0,03	Cu	<0,047	Ni	<0,3	Ti	0,02±0,01	Cr	0,03±0,01	B	<0,001	V	<0,02	U	<0,001
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