



**Headquarters:**  
 11555 Medlock Bridge Rd, #100  
 Johns Creek, GA 30097, USA  
 T: +1.888.658.1221  
 F:+1.678.619.2020

E:info@ereztech.com

**Manufacturing site:**  
 410 Forest Avenue  
 Sheboygan Falls, WI 53085, USA  
 T: +1.920.234.2322  
 F:+1.678.619.2020

W:https://www.ereztech.com

## Certificate of analysis

### Reference #: 003/528

Manufacturing date Apr/16/18

Analysis date Apr/17/18

Product name	<b>Tris(i-propylcyclopentadienyl)terbium (99.9% - Tb) (REO)</b>				
Ereztech #	<b>TB6256</b>	CAS#	<b>312696-25-6</b>	Purity	<b>98.9% (by titration)</b>
Lot/batch #	<b>003/528</b>	Net weight/volume	<b>35 g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 glass ampule</b>	Storage	<b>air sensitive. Shelf life 5 year.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>yellow crystals</b>			
Titration	<b>32.7% Tb (complexometric)</b>			
Purity	<b>98.9%</b>			
ICP	<b>&gt;99.9%</b>			
Impurity weight, %	<b>Gd2O3</b>	<b>0.0072</b>	<b>Cl</b>	<b>0.01</b>
	<b>Dy2O3</b>	<b>0.0031</b>	<b>Cu</b>	<b>0.005</b>
	<b>Y2O3</b>	<b>0.001</b>	<b>Fe</b>	<b>0.005</b>
	<b>Ca</b>	<b>&lt;0.005</b>	<b>Si</b>	<b>0.01</b>