



Certificate of analysis

Reference #: 2019073-031/391

Manufacturing date: **12/05/19**

Analysis date: **12/09/19**

Product name	Tris(ethylcyclopentadienyl)yttrium(III), 98% (99.9% - Y) (REO)				
Ereztech #	Y4597	CAS#	476364-59-7	Purity	98.6% (by titration)
Lot/batch #	031/391	Net weight/volume	1000g	Seal #	N/A
Packaging	2 glass bottles	Storage	Moisture, air sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	Yellow powder			
Purity	98.6%			
NMR H1	Conforms to structure			
Titration	% Y = 23.8 % (complexometric)			
ICP	99.9% (metals basis)			
Impurity weight, ppm	Gd2O3	450	Tb2O3	<100
	Dy2O3	<50	Ho2O3	<50
	Fe	<50	Ca	<50
	Cu	<50	Na	<50