



Certificate of analysis

Reference #: 2019055-013/005

Manufacturing date: **08/20/19**

Analysis date: **08/20/19**

Product name	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)ytterbium(III), 99% (99.9%-Yb) (REO) [Yb(TMHD)3]				
Ereztech #	YB2521	CAS#	15492-52-1	Purity	99.6% by titration
Lot/batch #	013/005	Net weight/volume	500g	Seal #	N/A
Packaging	1 plastic bottle	Storage			
CofO	Russia				

Analytical results	
Appearance	White powder
Melting Point	160 oC
Titration	%Yb = 24.02 (complexometric)
Purity	99.6 by titration
ICP	99.9% (metals basis)
Impurity weight, ppm	Er2O3: <50 Tm2O3: <50 Lu2O3: 230