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Certificate of analysis

Reference #: 2020091-019/307

Manufacturing date **Oct/26/2020**

Analysis date **Oct/26/2020**

Product name	Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)ytterbium(III) , 99% (99.9% - Yb)				
Ereztech #	YB2521	CAS#	15492-52-1	Purity	99.46% (by titration)
Lot/batch #	019/307	Net weight/volume	1510 g	Seal #	N/A
Packaging	1 jerrycan, 2 glass bottles	Storage	Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	white powder			
Titration	% Yb = 23.8% (complexometric)			
Purity	99.46%			
ICP	99.9% (metals basis)			
Impurity weight, ppm	Er₂O₃	<0.005	Cu	<0.005
	Fe	<0.005	Lu₂O₃	<0.023
	Ca	<0.01	Tm₂O₃	<0.005