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Certificate of analysis

Reference #: Y5720-031/437

Manufacturing date Sep/30/21

Analysis date Oct/01/21

Product name	Tris(methylcyclopentadienyl)yttrium(III), 98% (99.9%-Y) (REO)				
Ereztech #	Y5720	CAS#	329735-72-0	Purity	98.7% (by titration)
Lot/batch #	031/437	Net weight/volume	1500 g	Seal #	N/A
Packaging	3 glass bottles	Storage	under argon. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	yellow crystals			
Titration	%Y=26.9 (complexometric)			
NMR H1	conforms to structure			
Purity	98.7%			
ICP	99.9% (metal basis)			
Impurity weight, %	Gd₂O₃	0.045	Ca	<0.005
	Tb₂O₃	<0.01	Cu	<0.005
	Dy₂O₃	<0.005	Fe	<0.005
	Ho₂O₃	<0.005	Na	<0.005