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Certificate of analysis

Reference #: 031/421

Manufacturing date Dec/17/2020
Analysis date Dec/21/2020

Product name					
Tris(methylcyclopentadienyl)yttrium(III), 98% (99.9%-Y) (REO)					
Ereztech #	Y5720	CAS#	329735-72-0	Purity	98.5% (by titration)
Lot/batch #	031/421	Net weight/volume	4000 g	Seal #	N/A
Packaging	8 glass bottles	Storage	under argon. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	yellow crystals			
Titration	%Y=26.84 (complexometric)			
NMR H1	conforms to structure			
Purity	98.5%			
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