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Certificate of analysis

Reference #: 2020053 - 019/295

Manufacturing date: Jul-14-20

Analysis date: Jul-17-20

Product name	Tantalum tetraethoxy dimethylaminoethoxide, 98% (99.99% - Ta)				
Ereztech #	TA1223	CAS#	172901-22-3	Purity	98.9% (by integration NMR)
Lot/batch #	019/295	Net weight/volume	1000 g	Seal #	N/A
Packaging	2 glass ampules	Storage	Air, moisture sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	light yellow liquid			
NMR H1	conforms to structure			
Purity	98.9%			
ICP	>99.99% - Ta			
Impurity weight, ppm	Al	0.5	Nb	3.8
	Ca	10	Ni	0.2
	Co	0.03	Si	10
	Cr	0.3	Sn	<0.06
	Fe	5	Ti	1.2
	Mn	0.1	W	0.09
	Mo	<0.06		