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Certificate of analysis

Reference #: 2020032 - 010/319

Manufacturing date: May-28-20

Analysis date: May-28-20

Product name	Tantalum(V) chloride, anhydrous (99.99 % - Ta)				
Ereztech #	TA1019	CAS#	7721-01-9	Purity	99.0% (by titration)
Lot/batch #	010/319	Net weight/volume	100000G	Addl' info	
Packaging	100 glass bottles	Storage	Moisture sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	white powder			
Titration by AgNO3	% Cl = 49.13			
Purity	99.0%			
ICP	99.99+% (total concentration of impurities < 100 ppm)			
Impurity weight, ppm	Al	0.9	Nb	71.0
	Ca	13.0	Ni	<0.06
	Co	<0.03	Si	5.0
	Cr	0.2	Sn	<0.06
	Fe	5.0	Ti	1.3
	Mn	0.04	W	<0.06
	Mo	<0.06		