



Certificate of analysis

Reference #: 2018029

Manufacturing date: **05/25/18**
 Analysis date: **05/28/18**

Product name	Tantalum(V) chloride, anhydrous (99.99% - Ta)				
Ereztech #	TA1019	CAS#	7721-01-9	Purity	99.2% by titration
Lot/batch #	010/290	Net weight/volume	20000gm	Seal #	N/A
Packaging	20 glass bottles	Storage	Moisture sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results				
Appearance	White powder			
Titration by AgNO3	% Cl = 49.1 %			
Purity:	99.2%			
ICP	99.99+% (total concentration of impurities < 100 ppm)			
Impurity weight, ppm	Al	1	Fe	3
	Co	0,01	Si	5
	Mn	0,04	Mo	0,02
	Ni	0,1	Ti	0,4
	Mg	3	K	4
	Cr	0,2	Nb	10,4
	W	0,05	Ca	29
	Sn	0,03	B	<10
	Na	10	Cu	5