



Certificate of analysis

Reference #: 010/303

Manufacturing date **Aug/02/19**

Analysis date **Aug/05/19**

Product name	Tantalum(V) chloride, anhydrous (99.99 % - Ta)				
Product code	TA1019	CAS#	7721-01-9	Purity	99.7% (by titration)
Lot/batch #	010/303	Net Weight/volume	30000g	Country of origin	Russia
Packaging	30 glass bottles	Storage	Moisture sensitive. Shelf life 1 year		

Analytical results	
Appearance	White powder
Titration by AgNO3	% Cl = 49.33 %
Purity	99.7%
ICP	99.99+% (total concentration of impurities < 100 ppm)
ICP, ppm	Co<0.1 Nb=2.7 Al=1.3 W<0.1 Cr=0.1 Ca=12.0 Fe=5 Mo<0.1 Ni=0.1 Si=10 Sn<0.1 Ti=0.5 Mn<0.1