



Certificate of analysis

Reference #: 010/304

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	99.3% (by titration)
Lot/batch #	010/304	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 = 49.13 %
Purity	99.3%
ICP	99.99+% (total concentration of impurities < 100 ppm)
ICP, ppm	Co=0.03 Nb=32 Al=2.7 W<0.06 Cr=0.9 Ca=12.0 Fe=5 Mo<0.06 Ni=0.3 Si=5 Sn<0.06 Ti=0.7 Mn=0.2