



Certificate of analysis

Reference #: 2019058-031/373

Manufacturing date: **05/02/19**

Analysis date: **05/03/19**

Product name	Tantalum(V) ethoxide, 99 % (99.99+% - Ta)				
Ereztech #	TA4846	CAS#	6074-84-6	Purity	98.6% (by gravimetric analysis)
Lot/batch #	031/373	Net weight/volume	100g	Seal #	N/A
Packaging	1 glass ampule	Storage	Moisture sensitive. Shelf life 1 year.		
CofO	Russia				

Analytical results			
Appearance	Light yellow liquid		
NMR H1	Conforms to structure		
Gravimetric analysis	43.9 % - Ta (after ignition to oxide)		
Purity	98.6%		
ICP	>99.99%		
Impurity weight, ppm	AL: 2	Fe: 3	
	Co: 0.05	Si: 5	
	Mn: 0.2	Mo: 0.07	
	Ni: 0.2	Ti: 0.5	
	Cr: 0.2	Nb: 5	
	W: 0.1	Ca: 19	
	Sn: 0.02	Cl: <20	