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## Certificate of analysis

### Reference #: 019/314

**Manufacturing date Dec/17/2020**  
**Analysis date Dec/21/2020**

<b>Product name</b>					
<b>Tantalum(V) ethoxide, 99 % (99.99+% - Ta)</b>					
Ereztech #	TA4846	CAS#	6074-84-6	Purity	99.64% (by integration NMR)
Lot/batch #	019/314	Net weight/volume	25000 g	Seal #	N/A
Packaging	16 glass bottles	Storage	Moisture sensitive. Shelf life 1 year.		
CofO	Russia				

<b>Analytical results</b>				
Appearance	slightly yellow liquid or solid			
Gravimetric analysis	44.3 % Ta (after ignition to oxide)			
NMR H1	conforms to structure			
Purity	99.64%			
ICP	>99.99%			
Impurity weight, ppm	Al	0.4	Nb	1.2
	Ca	13	Ni	<0.06
	Co	<0.03	Si	5
	Cr	0.1	Sn	<0.06
	Fe	5	Ti	0.5
	Mn	0.05	W	<0.06
	Mo	<0.06		