



## Certificate of analysis

### Reference #: 2020012-015/828

Manufacturing date: **Mar/04/2020**

Analysis date: **Mar/10/2020**

Product name	<b>Tetraethoxytantalum isopropoxyethoxide, 98% (99.99% - Ta)</b>				
Ereztech #	<b>TA0708</b>	CAS#	<b>667430-70-8</b>	Purity	<b>99.93% (by integration NMR)</b>
Lot/batch #	<b>015/828</b>	Net weight/volume	<b>100g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 glass ampule</b>	Storage	<b>Moisture, air sensitive. Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results					
Appearance	<b>Colorless liquid</b>				
NMR H1	<b>Conforms to structure</b>				
Purity	<b>99.93%</b>				
ICP	<b>&gt;99.99% - Ta</b>				
Impurity weight, ppm	<b>Al</b>	<b>0.5</b>	<b>Fe</b>	<b>5</b>	
	<b>Co</b>	<b>0.03</b>	<b>Si</b>	<b>10</b>	
	<b>Mn</b>	<b>0.1</b>	<b>Mo</b>	<b>&lt;0.06</b>	
	<b>Ni</b>	<b>0.2</b>	<b>Ti</b>	<b>1.2</b>	
	<b>Cr</b>	<b>0.3</b>	<b>Nb</b>	<b>3.8</b>	
	<b>W</b>	<b>0.09</b>	<b>Ca</b>	<b>10</b>	
	<b>Sn</b>	<b>&lt;0.06</b>			