



## Certificate of analysis

**Reference #: SI8403 – 456/67JK/5**

**Manufacturing date Oct-4-19**

**Analysis date Oct-7-19**

Product name	<b>Bis(t-butylamino)silane (BTBAS)</b>								
Ereztech #	<b>SI8403</b>			CAS#	<b>186598-40-3</b>	Purity	<b>Min. 99.8%</b>		
Lot/batch #	<b>456/67JK/5</b>		Net weight	<b>20kg</b>		Addl' info			
Packaging	<b>45 glass ampules</b>		Storage						
CofO	<b>Russia</b>								
<b>Analytical results</b>									
Appearance	<b>Clear liquid</b>								
GC	<b>99.85%</b>								
Boiling point	<b>167.1 °C</b>								
ICP									
Impurity weight, ppb									
<b>Element</b>	<b>DL, ppb</b>	<b>ppb</b>	<b>Element</b>	<b>DL, ppb</b>	<b>ppb</b>	<b>Element</b>	<b>DL, ppb</b>	<b>ppb</b>	
<b>Li</b>	1.02	< DL	<b>Se</b>	0.49	1	<b>Gd</b>	0.02	< DL	
<b>Be</b>	0.23	< DL	<b>Rb</b>	0.39	< DL	<b>Tb</b>	0.02	< DL	
<b>Na</b>	1.36	3	<b>Sr</b>	0.42	< DL	<b>Dy</b>	0.02	< DL	
<b>Mg</b>	0.66	1	<b>Y</b>	0.04	< DL	<b>Ho</b>	0.00	< DL	
<b>Al</b>	1.25	3	<b>Zr</b>	0.83	< DL	<b>Er</b>	0.01	< DL	
<b>Si</b>		Base	<b>Nb</b>	0.17	1	<b>Tm</b>	0.00	< DL	
<b>P</b>	0.52	< DL	<b>Mo</b>	0.59	< DL	<b>Yb</b>	0.00	< DL	
<b>S</b>	0.55	< DL	<b>Rh</b>	0.09	< DL	<b>Lu</b>	0.00	< DL	
<b>K</b>	0.85	2	<b>Pd</b>	0.57	< DL	<b>Hf</b>	0.44	< DL	
<b>Ca</b>	1.93	2	<b>Ag</b>	0.52	< DL	<b>Ta</b>	0.51	< DL	
<b>Sc</b>	0.60	< DL	<b>Cd</b>	0.16	< DL	<b>W</b>	0.61	< DL	
<b>Ti</b>	1.37	2	<b>Sn</b>	1.01	3	<b>Re</b>	0.00	< DL	
<b>V</b>	1.07	< DL	<b>Sb</b>	1.25	1.8	<b>Ir</b>	0.00	< DL	
<b>Cr</b>	1.01	< DL	<b>Te</b>	0.05	< DL	<b>Pt</b>	0.01	< DL	
<b>Mn</b>	0.60	1	<b>Cs</b>	0.01	< DL	<b>Au</b>	0.02	< DL	
<b>Fe</b>	1.49	9	<b>Ba</b>	0.50	< DL	<b>Hg</b>	0.17	< DL	
<b>Co</b>	0.51	< DL	<b>La</b>	0.08	< DL	<b>Tl</b>	0.00	< DL	
<b>Ni</b>	0.63	< DL	<b>Ce</b>	0.12	< DL	<b>Pb</b>	0.81	< DL	
<b>Cu</b>	0.54	< DL	<b>Pr</b>	0.01	< DL	<b>Bi</b>	0.06	< DL	
<b>Zn</b>	0.47	< DL	<b>Nd</b>	0.05	< DL	<b>Th</b>	0.04	< DL	
<b>Ga</b>	0.24	< DL	<b>Sm</b>	0.01	< DL	<b>U</b>	0.01	< DL	
<b>As</b>	0.36	2	<b>Eu</b>	0.01	< DL				