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## Certificate of analysis

### Reference #: HF6730-006/661/2

Manufacturing date Jun/24/21

Analysis date Jun/28/21

Product name	<b>Bis(methyl-<math>\eta</math>5-cyclopentadienyl)methoxymethyl hafnium, 98% (99.9% - Hf, &lt;0,2% - Zr)</b>				
Ereztech #	<b>HF6730</b>	CAS#	<b>145116-73-0</b>	Purity	<b>98.0% (by elemental analysis)</b>
Lot/batch #	<b>006/661/2</b>	Net weight/volume	<b>215 g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 glass ampule</b>	Storage	<b>air, moisture sensitive. Shelf life 1 year.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>colorless liquid</b>			
NMR H1	<b>conforms to structure</b>			
Elemental analysis	<b>% C = 43.05; % H = 5.17 %</b>			
ICP	<b>99.9%</b>			
Impurity weight, ppm	<b>Al</b>	<b>40</b>	<b>Mg</b>	<b>10</b>
	<b>Ca</b>	<b>30</b>	<b>Mn</b>	<b>10</b>
	<b>Co</b>	<b>10</b>	<b>Mo</b>	<b>10</b>
	<b>Cr</b>	<b>30</b>	<b>Nb</b>	<b>12</b>
	<b>Cu</b>	<b>15</b>	<b>Ni</b>	<b>20</b>
	<b>Fe</b>	<b>45</b>	<b>Sn</b>	<b>30</b>