



## Certificate of analysis

### Reference #: 2020006-019/280

Manufacturing date: **Jan/23/2020**

Analysis date: **Jan/27/2020**

Product name	<b>Hafnium(IV) 2,4-pentanedionate, 98% (99.5% - Hf)</b>				
Ereztech #	<b>HF5671</b>	CAS#	<b>17475-67-1</b>	Purity	<b>98.6% by elemental analysis</b>
Lot/batch #	<b>019/280</b>	Net weight/volume	<b>500g</b>	Seal #	<b>N/A</b>
Packaging	<b>1 plastic can</b>	Storage	<b>Shelf life 3 years.</b>		
CofO	<b>Russia</b>				

Analytical results				
Appearance	<b>Off-white crystals</b>			
Elemental analysis	<b>%C = 41.20; %H = 4.85%</b>			
Purity	<b>98.6%</b>			
ICP	<b>99.99%</b>			
Impurity weight, ppm:	<b>Cu</b>	<b>&lt;1</b>	<b>Ni</b>	<b>&lt;1</b>
	<b>Si</b>	<b>30</b>	<b>K</b>	<b>10</b>
	<b>Zn</b>	<b>10</b>	<b>Ti</b>	<b>2</b>
	<b>Ca</b>	<b>30</b>	<b>Cr</b>	<b>1</b>
	<b>Zr</b>	<b>1000</b>	<b>Fe</b>	<b>10</b>