



Headquarters:
 11555 Medlock Bridge Rd, #100
 Johns Creek, GA 30097, USA
 T: +1.888.658.1221
 F: +1.678.619.2020

E: info@ereztech.com

Manufacturing site:
 410 Forest Avenue
 Sheboygan Falls, WI 53085, USA
 T: +1.920.234.2322
 F: +1.678.619.2020

W: <https://www.ereztech.com>

Certificate of analysis

Reference #: 015/852/1

Manufacturing date **Nov/19/2020**

Analysis date **Nov/25/2020**

Product name	Hafnium tert-butoxide (99.9% - Hf, <1% - Zr)				
Ereztech #	HF2023	CAS#	2172-02-3	Purity	99.0% (by integration NMR)
Lot/batch #	015/852/1	Net weight/volume	200 g	Seal #	N/A
Packaging	1 glass ampule	Storage	Moisture sensitive. Shelf life 3 years.		
CofO	Russia				

Analytical results				
Appearance	colorless liquid			
NMR H1	conforms to structure			
Purity	99.0%			
ICP	99.9%			
Impurity weight, ppm	Al	40	Mg	10
	Ca	30	Mn	10
	Co	10	Mo	10
	Cr	30	Nb	12
	Cu	15	Ni	20
	Fe	45	Sn	30