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Certificate of analysis

Reference #: 015/676

Product name	Hafnium tert-butoxide (99.9% - Hf, <1%- Zr)				
Ereztech #	HF2023	CAS#	2172-02-3	Lot	015/676
CofO	Russia				

Analytical results				
Appearance	Colorless liquid			
NMR H1	Conforms to structure			
Purity	99.0% by integration NMR			
ICP	99.9%			
Impurity weight, ppm	Al	40	Cu	15
	Co	10	Mn	10
	Mo	10	Ni	20
	Nb	12	Sn	30
	Ca	30	Cr	30
	Mg	10	Fe	45
Storage	Moisture sensitive. Shelf life – 1 year.			