

Certificate of Analysis

Date of Testing: 2023-06-17 10:44:01

Date of Next Testing: 2027-06-16 10:44:01

Product Name: **Hafnium boride**

CAS Number: 12007-23-7

Specifications & Purity: 99.0% (metals basis excluding Zr), Zr <2%

Lot #: F2305283

SKU #: **H119189**

Analysis: **178750**

Parameter	Limit Values	Result
Zirconium(Zr)	0-2 (%)	0.35 %
Trace Metal Analysis by ICP(excluding Zr<2%)	0-15000 (%)	0.43 %
Particle size	≥350 (mesh)	7538.00 mesh
Purity Based on Trace Metals Analysis(excluding Zr<2%)	99-100 (%)	99.57 %
Boron(B)	10.2-11.4 (%)	10.33 %
Appearance (H119189)	Grey Powder and Pieces	Grey Powder and Pieces
ICP: Confirms B and Hf Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager