

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-05 11:22:43

Date of Next Testing: 2027-11-05 11:22:43

Product Name: **Hafnium boride**

CAS Number: 12007-23-7

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

Lot #: J2425028

SKU #: **S41371**

Version: **0**

Analysis #: **430935**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Boron(B)	10.2-11.4 (%)	10.33 %
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 %
ICP: Confirms B and Hf Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S41371)	Grey Powder and Pieces	Grey Powder and Pieces

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

