

Certificate of Analysis

Date of Testing: 2024-07-04 14:26:28
Date of Next Testing: 2028-07-03 14:26:28
Product Name: **Zirconium boride**
CAS Number: 12045-64-6
Specifications & Purity: 99.5% (metals basis excluding Hf),1-3um
Lot #: F2427510
SKU #: **Z131682**
Version: **0**
Analysis #: **356411**

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.81 %
Trace analysis of ICP	0-5000 (ppm)	1884.00 ppm
Particle size	1-3 (μm)	2.36 μm
Appearance (Z131682)	Gray to Black powder or crystals	Gray to Black powder or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager