

Certificate of Analysis

Date of Testing: 2023-12-22 12:03:10
Date of Next Testing: 2027-12-21 12:03:10
Product Name: **Zirconium boride**
CAS Number: 12045-64-6
Specifications & Purity: 99.5% (metals basis excluding Hf), 1-3um
Lot #: L2319119
SKU #: **Z131682**
Analysis: **268409**

Parameter	Limit Values	Result
Purity (metals basis excluding Hf)	99.5-100 (%)	99.95 %
Trace analysis of ICP	0-5000 (ppm)	452.00 ppm
Particle size	1-3 (μm)	1.44 μm
Appearance (Z131682)	Gray to Black powder or crystals	Gray to Black powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager