

Certificate of Analysis

Date of Testing: 2024-11-28 10:18:48
Date of Next Testing: 2028-11-27 10:18:48
Product Name: **Zirconium boride**
CAS Number: 12045-64-6
Specifications & Purity: $\geq 99.5\%$ metals basis, excluding Hf, 1-3um
Lot #: K2421631
SKU #: **Z131682**
Version: **0**
Analysis #: **428610**

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.97%
Trace analysis of ICP	0-5000 (ppm)	274.00 ppm
Particle size	1-3 (μm)	1.40 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