

Certificate of Analysis

Date of Testing: 2023-03-13 19:19:43
Date of Next Testing: 2027-03-12 19:19:43
Product Name: **Zirconium boride**
CAS Number: 12045-64-6
Specifications & Purity: 99.5% (metals basis excluding Hf), 1-3um
Lot #: C2308629
SKU #: **Z131682**
Analysis: **189081**

Parameter	Limit Values	Result
Purity (metals basis excluding Hf)	99.5-100 (%)	99.89%
Trace analysis of ICP	0-5000 (ppm)	1098.00 ppm
Particle size	1-3 (μm)	2.96 μm
Appearance (Z131682)	Gray powder or crystals	Gray 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