

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-20 20:00:42
 Date of Next Testing: 2027-02-19 20:00:42
 Product Name: **Zirconium boride**
 CAS Number: 12045-64-6
 Specifications & Purity: $\geq 99.5\%$ metals basis, excluding Hf, 1-3um
 Lot #: B2315602
 SKU #: **Z131682**
 Version: **0**
 Analysis #: **189081**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.89020 %
Trace analysis of ICP	0-5000 (ppm)	1098.00000 ppm
Particle size	1-3 (μm)	2.96000 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