

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-23 14:18:56

Date of Next Testing: 2027-08-22 14:18:56

Product Name: **Zirconium boride**

CAS Number: 12045-64-6

Specifications & Purity: $\geq 99.5\%$ metals basis, excluding Hf, 1-3 μ m

Lot #: H2315696

SKU #: **Z131682**

Version: **0**

Analysis #: **268409**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.95480 %
Trace analysis of ICP	0-5000 (ppm)	452.00000 ppm
Particle size	1-3 (μ m)	1.44000 μ m
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