

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-09-06 10:57:10

Date of Next Testing: 2025-09-05 10:57:10

Product Name: **Zirconium boride**

CAS Number: 12045-64-6

Specifications & Purity: $\geq 99.5\%$ metals basis, excluding Hf, 100-325 mesh

Lot #: H2131459

SKU #: **Z102843**

Version: **0**

Analysis #: **034873**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.93840 %
Trace analysis of ICP	0-5000 (ppm)	616.00000 ppm
Particle size	100-325 (mesh)	108.70000 mesh
Appearance (Z102843)	Grey to Black Powder and/or Chunks	Grey to Black Powder and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager