

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-23 14:38:40

Date of Next Testing: 2027-08-22 14:38:40

Product Name: **Zirconium boride**

CAS Number: 12045-64-6

Specifications & Purity: 99.5% (metals basis excluding Hf), 1-3um

Lot #: H2315695

SKU #: **Z131682**

Analysis: **268409**

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.95 %
Trace analysis of ICP	0-5000 (ppm)	452.00 ppm
Particle size	1-3 (µm)	1.44 µm
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager