



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-02 14:32:17
Date of Next Testing: 2027-06-01 14:32:17
Product Name: **Zirconium boride**
CAS Number: 12045-64-6
Specifications & Purity: $\geq 99\%$ metals basis, excluding Hf
Lot #: E2326564
SKU #: **Z102841**
Version: **0**
Analysis #: **233188**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99-100 (%)	99.15750 %
Total Metallic Impuritie	0-10000 (ppm)	8425.00000 ppm
Appearance (Z102841)	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