

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 10:43:18

Date of Next Testing: 2027-05-17 10:43:18

Product Name: **Zirconium boride**

CAS Number: 12045-64-6

Specifications & Purity: $\geq 99.5\%$ metals basis, excluding Hf, 10um

Lot #: E2309079

SKU #: **Z102844**

Version: **0**

Analysis #: **102823**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	5-15 (μm)	14.96000 μm
Trace analysis of ICP	0-5000 (ppm)	4986.00000 ppm
Purity(metals basis excluding Hf)	99.5-100 (%)	99.50140 %
Appearance (Z102844)	Grey to Black Powder and/or Chunks	Grey to Black Powder and/or Chunks
ICP:Confirms Zr & B Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager