

## Certificate of Analysis

Date of Testing: 2024-06-12 11:40:30  
Date of Next Testing: 2028-06-11 11:40:30  
Product Name: **Zirconium boride**  
CAS Number: 12045-64-6  
Specifications & Purity:  $\geq 99.5\%$  metals basis, excluding Hf, 100-325 mesh  
Lot #: F2403268  
SKU #: **Z102843**  
Version: **0**  
Analysis #: **359138**

Parameter	Limit Values	Result
Purity(metals basis excluding Hf)	99.5-100 (%)	99.89%
Trace analysis of ICP	0-5000 (ppm)	1102.00 ppm
Particle size	100-325 (mesh)	282.00 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