

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-16 14:09:34
Date of Next Testing: 2029-05-15 14:09:34
Product Name: **Zirconium carbide**
CAS Number: 12070-14-3
Specifications & Purity: $\geq 98.5\%$, 200-400nm
Lot #: H2110370
SKU #: **Z301916**
Version: **0**
Analysis #: **510704**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Hafnium(Hf)	0-2 (%)	1.49%
Particle size	200-400 (nm)	281.33 nm
Zr (Gravimetric Analysis After Ignition To Oxide)	85.8-89 (%)	88.99%
Appearance (Z301916)	Grey to Dark Grey Powder	Grey to Dark Grey Powder
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager