

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-06 16:37:57

Date of Next Testing: 2029-09-05 16:37:57

Product Name: **Zirconium carbide**

CAS Number: 12070-14-3

Specifications & Purity: $\geq 98.5\%$, 200-400nm

Lot #: I2504955

SKU # **Z301916**

Version **0**

Analysis #: **456617**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Hafnium(Hf)	0-2 (%)	1.71000 %
Particle size	200-400 (nm)	287.19000 nm
Zr (Gravimetric Analysis After Ignition To Oxide)	85.8-89 (%)	85.81000 %
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