

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-10 14:07:48

Date of Next Testing: 2029-11-09 14:07:48

Product Name: **Zirconium carbide**

CAS Number: 12070-14-3

Specifications & Purity: $\geq 99\%$, $\leq 50\text{nm}$

Lot #: K2506090

SKU #: **Z1372291**

Version: **1**

Analysis #: **531304**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Average particle size	0-50 (nm)	29.56000 nm
Purity(as Zr)	99-100 (%)	99.28530 %
Appearance(Z1372291)	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