

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-21 09:13:10

Date of Next Testing: 2028-09-20 09:13:10

Product Name: **Zirconium carbide**

CAS Number: 12070-14-3

Specifications & Purity: $\geq 99\%$, 100nm

Lot #: I2406352

SKU #: **Z684626**

Version: **1**

Analysis #: **413815**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Zr(Gravimetric Analysis)	87-89.7 (%)	88.69000 %
Average particle size	0-100 (nm)	98.52000 nm
Appearance(Z684626)	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