

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-24 15:14:32  
Date of Next Testing: 2026-10-23 15:14:32  
Product Name: **Zirconium carbide**  
CAS Number: 12070-14-3  
Specifications & Purity: 20nm,97%  
Lot #: J2215413  
SKU #: **Z409381**  
**Analysis:** **132097**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Assay(As Zr)	97-102.5 (%)	99.92070%
Average particle size	10-30 (nm)	29.98 nm
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager