

## Certificate of Analysis

Date of Testing: 2024-05-22 17:11:59  
Date of Next Testing: 2028-05-21 17:11:59  
Product Name: **Zirconium carbide**  
CAS Number: 12070-14-3  
Specifications & Purity: 20nm,97%  
Lot #: E2410248  
SKU #: **Z409381**  
Version: **1**  
Analysis #: **341417**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Average particle size	10-30 (nm)	29.08 nm
Assay(As Zr)	97-102.5 (%)	97.10000 %
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager