

Certificate of Analysis

Date of Testing: 2024-02-27 17:02:19
Date of Next Testing: 2028-02-26 17:02:19
Product Name: **Zirconium carbide**
CAS Number: 12070-14-3
Specifications & Purity: nanopowder,50nm,99%
Lot #: B2423014
SKU #: **Z109303**
Analysis: **053649**

Parameter	Limit Values	Result
Zr(Gravimetric Analysis)	87-89.7 (%)	87.01%
Average particle size	40-60 (nm)	48.35 nm
Appearance (Z109303)	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