

Certificate of Analysis

Date of Testing: 2025-05-16 14:02:40
Date of Next Testing: 2029-05-15 14:02:40
Product Name: **Zirconium carbide**
CAS Number: 12070-14-3(Powder)
Specifications & Purity: $\geq 99\%$, 1 μ m
Lot #: H2110355
SKU #: **Z109304**
Version: **0**
Analysis #: **510700**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Particle size | 0-2 (μ m) | 1.29 μ m |
| Zr (Gravimetric Analysis After Ignition To Oxide) | 87-89.7 (%) | 87.01 % |
| Appearance (Z109304) | Grey powder | Grey powder |
| ICP: Confirms Zirconium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager