

Certificate of Analysis

Date of Testing: 2024-06-06 17:45:38

Date of Next Testing: 2027-06-06 17:45:38

Product Name: **High-purity ultra-fine hafnium carbide powder (HfC)**

CAS Number: 12069-85-1

Specifications & Purity: $\geq 99\%$, particle size: 400-600nm

Lot #: E2430593

SKU #: **H683411**

Version: **1**

Analysis #: **366011**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(ICP)	99-100 (%)	99.90 %
Particle Size(SEM)	400-600 (nm)	484.16000 nm
Appearance(H683411)	Dark Grey to Black Powder	Dark Grey to Black Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Hafnium Component	Confirmed	Confirmed



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QA & QC Manager