

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-06 17:43:40

Date of Next Testing: 2027-06-06 17:43:40

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

CAS Number: 12069-85-1

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

Lot #: E2430591

SKU #: **H683411**

Version: **1**

Analysis #: **366419**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(ICP)	99-100 (%)	99.90060 %
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



John Su
QA & QC Manager