

## Certificate of Analysis

Date of Testing: 2024-07-11 15:37:07  
Date of Next Testing: 2027-07-11 15:37:07  
Product Name: **High-purity ultra-fine niobium carbide powder (NbC)**  
CAS Number: 12069-94-2  
Specifications & Purity: 98%;particle size:100-300nm  
Lot #: G2403473  
SKU #: **H579159**  
Version: **1**  
Analysis #: **359753**  
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.94%
Particle Size(SEM)	100-300 (nm)	176.89000 nm
Appearance(H579159)	Purple gray to black powder	Purple gray to black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager