

## Certificate of Analysis

Date of Testing: 2022-09-05 11:51:36  
Date of Next Testing: 2026-09-04 11:51:36  
Product Name: **Silicon carbide**  
CAS Number: 409-21-2  
Specifications & Purity: 99.9% metals basis,40nm  
Lot #: H2229495  
SKU #: **S104653**  
Analysis: **106099**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.95%
Total Metallic Impuritie	0-1000 (ppm)	547.00 ppm
Particle size	35-45 (nm)	44.98 nm
Appearance (S104653)	Green to Grey to Bluish Black Powder	Green to Grey to Bluish Black Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager