

## Certificate of Analysis

Date of Testing: 2024-09-11 17:16:20  
Date of Next Testing: 2028-09-10 17:16:20  
Product Name: **Silicon carbide**  
CAS Number: 409-21-2  
Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\leq 150\text{nm}$   
Lot #: I2409445  
SKU #: **S140297**  
Version: **0**  
Analysis #: **410622**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	592.00 ppm
Particle size	0-150 (nm)	64.81 nm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.94 %
Appearance (S140297)	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