

Certificate of Analysis

Date of Testing: 2024-08-15 12:35:56
Date of Next Testing: 2028-08-14 12:35:56
Product Name: **Silicon carbide**
CAS Number: 409-21-2
Specifications & Purity: $\geq 99.9\%$ metals basis, 40nm
Lot #: H2412254
SKU #: **S104653**
Version: **0**
Analysis #: **391384**

Parameter	Limit Values	Result
Particle size	35-45 (nm)	41.81 nm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.90%
Total Metallic Impuritie	0-1000 (ppm)	998.00 ppm
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