

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-25 16:58:07

Date of Next Testing: 2027-12-24 16:58:07

Product Name: **Silicon carbide**

CAS Number: 409-21-2

Specifications & Purity: $\geq 99.9\%$ metals basis, 40nm

Lot #: L2318161

SKU #: **S104653**

Version: **0**

Analysis #: **106099**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.94530 %
Total Metallic Impuritie	0-1000 (ppm)	547.00000 ppm
Particle size	35-45 (nm)	44.98000 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