

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-28 17:04:26

Date of Next Testing: 2026-12-27 17:04:26

Product Name: **Silicon carbide**

CAS Number: 409-21-2

Specifications & Purity: $\geq 99\%$ metals basis, nanofiber, $D < 2.5\mu\text{m}$, $L/D \geq 20$

Lot #: L2327193

SKU #: **S432705**

Version: **1**

Analysis #: **301190**

Storage Temperature: Room temperature, Argon charged, Do not freeze

Parameter	Limit Values	Result
Diameter	$< 2.5 \text{ } (\mu\text{m})$	0.60000 μm
Length	10-50 (μm)	20.00000 μm
Trace Metal Analysis	0-2 (%)	1.00000 %
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.00000 %
L/D	≥ 20	20.00000
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S432705)	Green to Grey to Bluish Black with White luster Powder or Crystalline Powder	Green to Grey to Bluish Black with White luster Powder or Crystalline Powder



John Su
QA & QC Manager