

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 13:43:25

Date of Next Testing: 2028-09-14 13:43:25

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 #: I2501632

SKU #: **S432705**

Version: **1**

Analysis #: **547558**

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

Parameter	Limit Values	Result
Diameter	$< 2.5 (\mu\text{m})$	$0.72500 \mu\text{m}$
L/D	≥ 20	24.32500
Trace Metal Analysis	0-2 (%)	1.00000 %
Purity(Based On Trace Metals Analysis)	98-100 (%)	99.00000 %
Length	10-50 (μm)	$17.63000 \mu\text{m}$
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
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager