

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-24 17:23:08

Date of Next Testing: 2026-12-23 17:23:08

Product Name: **Silicon carbide**

CAS Number: 409-21-2

Specifications & Purity:  $\geq 99.9\%$  metals basis,  $\leq 150\text{nm}$

Lot #: L2215313

SKU #: **S140297**

Version: **0**

Analysis #: **140919**

Storage Temperature: Room temperature

| Parameter                                       | Limit Values                         | Result                               |
|-------------------------------------------------|--------------------------------------|--------------------------------------|
| Particle size                                   | 0-150 (nm)                           | 43.12000 nm                          |
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)                         | 99.91000 %                           |
| Total Metallic Impuritie                        | 0-1000 (ppm)                         | 999.00000 ppm                        |
| 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                |



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QA & QC Manager