

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-10 18:58:42

Date of Next Testing: 2029-07-09 18:58:42

Product Name: **Silicon carbide**

CAS Number: 409-21-2

Specifications & Purity:  $\geq 99\%$ , 0.5 ~ 0.7 $\mu$ m

Lot #: G2501132

SKU #: **S104651**

Version: **0**

Analysis #: **542099**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter            | Limit Values                         | Result                               |
|----------------------|--------------------------------------|--------------------------------------|
| Particle size        | 0.5-0.7 ( $\mu$ m)                   | 0.53800 $\mu$ m                      |
| Purity               | 99-100 (%)                           | 99.98300 %                           |
| Appearance (S104651) | 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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