

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-26 10:16:32

Date of Next Testing: 2029-03-25 10:16:32

Product Name: **Silicon dioxide**

CAS Number: 7631-86-9

Specifications & Purity:  $\geq 99.5\%$  metals basis, 30nm

Lot #: C2512504

SKU #: **S104596**

Version: **0**

Analysis #: **464584**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                               | Limit Values              | Result                    |
|-----------------------------------------|---------------------------|---------------------------|
| Total Metallic Impurities               | 0-5000 (ppm)              | 94.00000 ppm              |
| Purity (Based On Trace Metals Analysis) | 99.5-100 (%)              | 99.99060 %                |
| Particle size                           | 25-35 (nm)                | 25.70000 nm               |
| Appearance (S104596)                    | white to off-white powder | White to Off-White Powder |
| ICP: Confirms Silicon Component         | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                       | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager