



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-25 19:05:17

Date of Next Testing: 2029-03-24 19:05:17

Product Name: **Silicon dioxide**

CAS Number: 7631-86-9

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

Lot #: C2512663

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     |

John Su  
QA & QC Manager