

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-02 17:14:20  
Date of Next Testing: 2028-11-01 17:14:20  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity:  $\geq 99.95\%$  metals basis, Particle size:  $2\mu\text{m}$   
Lot #: J2424265  
SKU #: **S419438**  
Version: **1**  
Analysis #: **270523**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	100.00 %
Loss on Ignition (1100 °C, 1 Hr)	0-2 (%)	0.49 %
Average particle size	1-3 ( $\mu\text{m}$ )	2.63 $\mu\text{m}$
Trace Metal Analysis	0-500 (ppm)	17.00 ppm
Appearance(S419438)	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