

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-09-07 09:49:13  
Date of Next Testing: 2025-09-06 09:49:13  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity: nanopowder, 99.5% metals basis, 15nm  
Lot #: I2102312  
SKU #: **S104597**  
Analysis: **107652**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.95 %
Total Metallic Impurities	0-5500 (ppm)	522.00 ppm
Particle size	10-20 (nm)	14.95 nm
Appearance (S104597)	Colorless or White or off-white Powder	Colorless or White or off-white Powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager