

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-08 11:53:33  
Date of Next Testing: 2034-07-06 11:53:33  
Product Name: **Silica**  
CAS Number: 7631-86-9  
Specifications & Purity: mesoporous, 0.5 µm particle size, pore size ~4 nm  
Lot #: F2429030  
SKU #: **S433679**  
Version: **1**  
Analysis #: **361127**

Parameter	Limit Values	Result
Particle size(D50)	0.4 - 0.6 (µm)	0.50 µm
Surface area	300-400 (m2/g)	354.00 m2/g
Average Pore Diameter	3.5-4.5 (nm)	3.80000 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
Trace Metal Analysis	0-1000 (ppm)	74.70 ppm
Appearance(S433679)	White Powder	White powder
ICP: Confirms Silicon Component	Confirmed	Confirmed



John Su  
QA & QC Manager