

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-18 09:35:15
Date of Next Testing: 2027-10-18 09:35:15
Product Name: **Silica**
CAS Number: 7631-86-9
Specifications & Purity: mesoporous, 3 μm particle size, pore size ~2 nm
Lot #: J2411966
SKU #: **S433684**
Version: **1**
Analysis #: **413167**

Parameter	Limit Values	Result
Particle size(D50)	2.8-3.2 (μm)	2.90 μm
Surface area	900-1100 (m^2/g)	959.00 m^2/g
Average Pore Diameter	1.9-2.3 (nm)	2.10000 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99%
Trace Metal Analysis	0-1000 (ppm)	62.20 ppm
Appearance(S433684)	White Powder	White powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
Pore volume(cm^3/g)	0.1-0.3	~0.037



John Su
QA & QC Manager