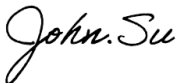


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-05 11:02:49
Date of Next Testing: 2027-02-04 11:02:49
Product Name: **Silicon dioxide**
CAS Number: 7631-86-9
Specifications & Purity: nanopowder, 10-20 nm particle size (BET), 99.5% trace metals basis
Lot #: A2425046
SKU #: **S433693**
Analysis: **215722**

Parameter	Limit Values	Result
Particle size	10-20 (nm)	14.51 nm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.52 %
Trace Metal Analysis	0-5000 (ppm)	4701.00 ppm
Appearance(S433693)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager