

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-29 16:23:47  
Date of Next Testing: 2027-01-28 16:23:47  
Product Name: **Silica micropowder**  
CAS Number:  
Specifications & Purity: nanopowder, > 99.8% metals basis,200-300nm,sphere  
Lot #: A2329077  
SKU #: **S131647**  
**Analysis: 180926**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99%
Loose density	0.1-0.2 (g/cm <sup>3</sup> )	0.15 g/cm <sup>3</sup>
Tap density	0.2-0.3 (g/cm <sup>3</sup> )	0.26 g/cm <sup>3</sup>
Total Metallic Impuritie	0-3000 (ppm)	125.00 ppm
Specific Surface Area	15-25 (m <sup>2</sup> /g)	21.00 m <sup>2</sup> /g
Average particle size	200-300 (nm)	293.85 nm
Appearance (S131647)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager