

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-22 17:40:05

Date of Next Testing: 2027-10-22 17:40:05

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophilicity, $\geq 99.8\%$ metals basis, specific surface area(BET):440m²/g;particle size:7-40nm

Lot #: J2520690

SKU #: **N1375730**

Version: **1**

Analysis #: **579893**

Storage Temperature: Room temperature,Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.97 %
Particle size	7-40 (nm)	22.45 nm
Specific surface area (BET)	400-480 (m ² /g)	434.07 m ² /g
Loss on drying	0-2.5 (%)	0.91 %
PH-value in 4% dispersion	3.9-4.5	4.49



John Su
QA & QC Manager