

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-08 10:37:05

Date of Next Testing: 2027-12-08 10:37:05

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, ≥99.8% metals basis, specific surface area(BET):145m2/g;particle size:7-40nm;Deal with HMDS

Lot #: K2520400

SKU # **N1375740**

Version **1**

Analysis #: **579964**

Storage Temperature: Room temperature,Desiccated,Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.97350 %
Specific surface area (BET)	120-170 (m2/g)	144.72030 m2/g
Loss on drying	0-0.7 (%)	0.10000 %
PH-value in 4% dispersion	5.0-8.0	5.05000
Particle size	7-40 (nm)	39.60000 nm
Carbon content (2h based on the product after drying 105 °C)	0.7-1.3	0.96000



John Su
QA & QC Manager