

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-24 10:00:47

Date of Next Testing: 2027-10-24 10:00:47

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, $\geq 99.8\%$ metals basis, specific surface area(BET):140m²/g;particle size:7-40nm;Deal with HMDS

Lot #: J2516771

SKU # **N1375738**

Version **1**

Analysis #: **579951**

Storage Temperature: Room temperature,Desiccated,Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.98360 %
Specific surface area (BET)	120-160 (m ² /g)	147.41880 m ² /g
Loss on drying	0-0.7 (%)	0.16000 %
PH-value in 4% dispersion	6.0-9.0	6.04000
Particle size	7-40 (nm)	36.20000 nm
Carbon content (2h based on the product after drying 105 °C)	2.0-4.0	2.60000



John Su
QA & QC Manager