

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 14:56:03

Date of Next Testing: 2027-11-07 14:56:03

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, $\geq 99.8\%$ metals basis, specific surface area(BET):200m²/g;particle size:7-40nm;Deal with HMDS

Lot #: K2503620

SKU #: **N1375742**

Version **1**

Analysis #: **579960**

Storage Temperature: Room temperature,Cool

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.91060 %
Specific surface area (BET)	140-200 (m ² /g)	181.91860 m ² /g
Loss on drying	0-0.7 (%)	0.08100 %
PH-value in 4% dispersion	5-10	5.37000
Particle size	7-40 (nm)	24.60000 nm
Carbon content (2h based on the product after drying 105 °C)	1.5-2.5	1.84000



John Su
QA & QC Manager