

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-09 10:11:05

Date of Next Testing: 2030-06-08 10:11:05

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, ≥99.8% metals basis, specific surface area(BET):150 m²/g;particle size:7-40nm;Deal with HMDS

Lot #: E2620729

SKU # **S697170**

Version **1**

Analysis #: **681755**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon content(2h based on the product after drying 105 °C)	1-1.7 (%)	1.41500 %
Specific surface area (BET) spectrum	130-170 (m ² /g)	148.61180 m ² /g
pH(4%,Water and ethanol are mixed in a 1:1 ratio)	5-8	7.72000
loss on drying(105°C,2 h)	0-0.7 (%)	0.18000 %
Particle size	7-40 (nm)	34.10000 nm
Tap density(2h based on the product after drying 105 °C)	0-60 (g/L)	51.00000 g/L
Silica content(Based on the product after ignition)	99.8-100 (%)	99.95430 %



John Su
QA & QC Manager