

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 13:11:57

Date of Next Testing: 2029-05-18 13:11:57

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, ≥99.8% metals basis, specific surface area(BET):100m2/g;particle size:7-40nm;Deal with PDMS

Lot #: D2518442

SKU #: **S104592**

Version: **0**

Analysis #: **492587**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on ignition (1000 °C,2h,after 105 °C drying 2h)	0-10 (wt%)	1.82000 wt%
Silica content(Based on the product after ignition)	99.8-100 (%)	99.98790 %
loss on drying(105°C,2 h)	0-1 (%)	0.68000 %
Specific surface area (BET)	80-140 (m2/g)	133.51480 m2/g
Carbon content(2h based on the product after drying 105 °C)	4.5-6.5 (wt%)	5.09100 wt%
pH	4-6.5	6.50000
Appearance (S104592)	White powder	White powder



John Su
QA & QC Manager