

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-01 11:22:14

Date of Next Testing: 2029-07-31 11:22:14

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, specific surface area(BET):300 m2/g

Lot #: G2529522

SKU #: **S124829**

Version: **2**

Analysis #: **549921**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.10500 %
Tamped density	30-50 (g/L)	46.83500 g/L
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	48.30000 %
Specific surface area (BET)	270-330 (m2/g)	272.44700 m2/g
residue on sieve	0-0.05 (%)	0.01500 %
PH-value in 4% dispersion(Water:ethanol=1:1)	5.5-8	6.52800
Carbon content(2h based on the product after drying 105 °C)	2.5-4 (%)	2.99600 %



John Su
QA & QC Manager