

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-22 13:41:59

Date of Next Testing: 2030-01-21 13:41:59

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

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

Lot #: A2614648

SKU # **S124829**

Version **2**

Analysis #: **647531**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.52400 %
Tamped density	30-50 (g/L)	44.00000 g/L
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	52.63500 %
Specific surface area (BET)	270-330 (m2/g)	279.50000 m2/g
residue on sieve	0-0.05 (%)	0.03600 %
PH-value in 4% dispersion(Water:ethanol=1:1)	5.5-8	6.83500
Carbon content(2h based on the product after drying 105 °C)	2.5-4 (%)	3.42800 %



John Su
QA & QC Manager