

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-09 15:16:34

Date of Next Testing: 2029-12-08 15:16:34

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

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

Lot #: K2528307

SKU #: **S124829**

Version: **2**

Analysis #: **626117**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.10800 %
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	52.80000 %
Specific surface area (BET)	270-330 (m2/g)	279.50000 m2/g
residue on sieve	0-0.05 (%)	0.02000 %
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 %
Tamped density	30-50 (g/L)	49.89000 g/L



John Su
QA & QC Manager