



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 17:08:47

Date of Next Testing: 2028-12-29 17:08:47

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

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

Lot #: L2424239

SKU # **S124829**

Version **2**

Analysis #: **059891**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.03000 %
Tamped density	30-50 (g/L)	45.00000 g/L
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	50.00000 %
Specific surface area (BET)	270-330 (m2/g)	330.00000 m2/g
PH in 4 % dispersion (1:1 mixture of water-methanol)	3.8-4.8	4.80000
Carbon by Elemental Analysis	1.4-2.6 (%)	2.10000 %
residue on sieve	0-0.05 (%)	0.02500 %

John Su
QA & QC Manager