



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-04 15:47:57

Date of Next Testing: 2029-07-03 15:47:57

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophilicity, specific surface area(BET):100 m2/g

Lot #: F2525519

SKU #: **S124826**

Version: **1**

Analysis #: **514125**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.53000 %
Assay	99.8-100 (%)	99.97320 %
Tamped density	40-60 (g/L)	40.10000 g/L
Residue on sieve(325 Mesh Residue)	0-0.03 (%)	0.02000 %
Carbon by Elemental Analysis	0-0.2 (%)	0.15000 %
BET Specific surface area	80-120 (m2/g)	80.08800 m2/g
PH (4%, aqueous emulsion)	3.7-4.5	3.72000
Appearance (S124826)	White flocculent powder	White flocculent powder

John Su
QA & QC Manager