

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-28 10:07:02

Date of Next Testing: 2028-08-27 10:07:02

Product Name: **Silica gel**

CAS Number: 112926-00-8

Specifications & Purity: (Davisil grade 22) pore size 60 Å, 60-200 mesh

Lot #: H2422119

SKU #: **S298718**

Version: **1**

Analysis #: **014622**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Particle size	60-200 (mesh)	95.20000 mesh
Total volatiles (950°C, 2h)	≤ 13 (%)	7.30000 %
Loss on drying (160°C, 2h)	0-6 (%)	3.70000 %
silica(SiO ₂)	≥ 99.4 (%)	99.80000 %
Fe ₂ O ₃	0-0.014 (%)	0.00400 %
Na ₂ O	0-0.15 (%)	0.07500 %
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.02000 %
PH(5% in water)	6-8	6.90000
Surface area	500-600 (m ² /g)	545.00000 m ² /g
Pore volume	0.8-1 (ml/g)	0.93000 ml/g
Pore Diameter	5.3-8 (nm)	6.80000 nm
Appearance (S298718)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager