

Certificate of Analysis

Date of Testing: 2022-08-13 15:00:55
Date of Next Testing: 2026-08-12 15:00:55
Product Name: **Silica gel**
CAS Number: 112926-00-8
Specifications & Purity: high-purity grade (Davisil Grade 643), pore size 150 Å, 200-425 mesh
Lot #: G2227139
SKU #: **S298714**
Analysis: 109078
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Particle Size thru 200 Mesh	> 98.0 (%)	100.00000 %
Volatiles	< 13 (%)	7.00 %
Silicon dioxide (SiO ₂)	> 99.4 (%)	99.80 %
Iron(As Fe ₂ O ₃)	< 0.014 (%)	0.00400 %
Miscellaneous Assay(Na ₂ O)	< 0.15 (%)	0.12000 %
Sulfate(SO ₄ ²⁻)	< 0.10(%)	0.01 %
pH (25°C, 5% in slurry)	7.0 - 8.0	7.50000
Loss on drying	< 9.0(%)	4.80 %
Appearance (S298714)	White powder	White powder
pore size(Å)	107 - 189(Å)	107-189Å



John Su
QA & QC Manager