



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Silica Gel
Product Number SIL-20260211
Batch Number SIL-SH2026021101
Brand SIGALD
CAS Number 7631-86-9
MDL Number MFCD00131766
Formula $\text{SiO}_2 \cdot n\text{H}_2\text{O}$
Formula Weight Variable ($60.08 + 18.02n$) g/mol

Quality Release Date 11 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Beads or granular	Beads	-	Visual Inspection
Silicon Dioxide (SiO_2) Content	$\geq 98.0\%$	98.5%	%	Gravimetric Method
Moisture Adsorption Capacity (25°C, 60% RH)	$\geq 30\%$	32%	%	Gravimetric Method
Moisture Content (as packed)	$\leq 5.0\%$	3.2%	%	Karl Fischer Titration
pH Value (5% aqueous suspension, 25°C)	5.5-7.5	6.3	-	Digital pH Meter
Heavy Metals (Pb)	$\leq 0.001\%$	0.0004%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.01\%$	0.006%	%	Spectrophotometry
Particle Size	1-5 mm (customizable)	2-4 mm	mm	Sieve Analysis
Loss on Ignition (1000°C, 2h)	$\leq 8.0\%$	6.5%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for silica gel and meets all specified requirements. It is qualified for use.

Issue Date: 11 FEB 2026