



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis (COA)

Product Information

Item	Details
Product Name	Silica Sand
Product Number	SS-20260223
Batch Number	SS-SH2026022301
Brand	SIGALD
CAS Number	68909-20-6
MDL Number	MFCD00175815
Formula	SiO ₂ (Silicon Dioxide, high purity)
Molecular Weight	60.08 g/mol
Quality Release Date	23 FEB 2026

Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	White to colorless	White	-	Visual Inspection
Appearance (Form)	Granular powder/grains	Granular powder (80-120 mesh)	-	Sieve Analysis
SiO ₂ Content	≥ 99.0%	99.5%	%	X-ray Fluorescence Spectrometry
Al ₂ O ₃ Content	≤ 0.3%	0.12%	%	Atomic Absorption Spectrometry (AAS)
Fe ₂ O ₃ Content	≤ 0.05%	0.01%	%	Atomic Absorption Spectrometry (AAS)
CaO Content	≤ 0.05%	0.008%	%	Atomic Absorption Spectrometry (AAS)
MgO Content	≤ 0.05%	0.007%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 0.2%	0.06%	%	Karl Fischer Titration
Ash Content	≤ 0.1%	0.02%	%	Ignition Gravimetric Method
Particle Size	80-120 mesh (125-180 μm)	130-175 μm	μm	Sieve Analysis
pH Value (5% aq. suspension)	6.5-7.5	7.0	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	0.5 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Acid Insoluble Matter	≥ 98.0%	99.2%	%	Gravimetric Method
Loss on Ignition (800°C, 2h)	≤ 0.5%	0.15%	%	Gravimetric Method

Certification

This batch of Silica Sand has been tested in accordance with the established industrial standards and meets all specified requirements for chemical composition, physical properties and impurity limits. It is qualified for use in glass, ceramic, foundry, water treatment and construction applications.

Issue Date: 23 FEB 2026