



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name Silicon Carbide  
Product Number SIC-20260219  
Batch Number SIC-SH2026021901  
Brand SIGALD  
CAS Number 409-21-2  
MDL Number MFCD00011128  
Formula SiC  
Formula Weight 40.10 g/mol

Quality Release Date 19 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Black or green	Black	-	Visual Inspection
Appearance (Form)	Granular or powder	Granular	-	Visual Inspection
Purity (SiC)	≥ 98.0%	98.5%	%	Gravimetric Method
Silicon (Si) Content	69.9-70.9%	70.3%	%	Atomic Absorption Spectrometry (AAS)
Carbon (C) Content	29.1-30.1%	29.7%	%	Combustion Method
Iron (Fe)	≤ 0.5%	0.3%	%	Spectrophotometry
Heavy Metals (Pb)	≤ 0.001%	0.0004%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 0.2%	0.1%	%	Karl Fischer Titration
Particle Size	10-100 μm	20-80 μm	μm	Laser Diffraction Method

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

**Issue Date: 19 FEB 2026**