



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name Calcium Oxide  
Product Number CAO-20260214  
Batch Number CAO-SH2026021401  
Brand SIGALD  
CAS Number 1305-78-8  
MDL Number MFCD00011017  
Formula CaO  
Formula Weight 56.08 g/mol

Quality Release Date 14 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Lump or powder	Lump	-	Visual Inspection
Purity (CaO)	≥ 95.0%	96.8%	%	Titration Method
Calcium (Ca) Content	71.4-72.4%	72.0%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 2.0%	1.2%	%	Gravimetric Method
Carbon Dioxide (CO <sub>2</sub> )	≤ 3.0%	2.1%	%	Titration Method
Iron (Fe)	≤ 0.1%	0.06%	%	Spectrophotometry
Silicon (Si)	≤ 1.0%	0.7%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 0.001%	0.0005%	%	Atomic Absorption Spectrometry (AAS)
Insoluble Matter in Water	≤ 0.5%	0.3%	%	Gravimetric Method

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

**Issue Date: 14 FEB 2026**