



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

### Product Information

Product Name:Calcium Hydroxide (Slaked Lime)

Product Number:CAOH-20260215

Batch Number:CAOH-SH2026021501

Brand:TECHPURE

CAS Number:1305-62-0

MDL Number:MFCD00010901

Formula:Ca(OH)<sub>2</sub>

Formula Weight:74.10 g/mol

Quality Release Date:15 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Powder	Powder	-	Visual Inspection
Purity (Ca(OH) <sub>2</sub> Content)	≥ 95.0%	95.3%	%	Titration Method
Water Content	≤ 2.0%	1.5%	%	Karl Fischer Titration
Carbonate (as CaCO <sub>3</sub> )	≤ 3.0%	2.2%	%	Titration Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 1 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
pH Value (1% aqueous suspension, 25°C)	12.0-13.0	12.5	-	Digital pH Meter

### Certification

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

Issue Date:15 FEB 2026