



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Calcium Chloride
Product Number CAC-20260215
Batch Number CAC-SH2026021501
Brand SIGALD
CAS Number 10043-52-4
MDL Number MFCD00010903
Formula $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
Formula Weight 147.02 g/mol

Quality Release Date 15 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Flake or granular	Flake	-	Visual Inspection
Purity ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$)	$\geq 97.0\%$	98.5%	%	EDTA Titration
pH Value (5% aqueous solution, 25°C)	7.0-9.0	8.2	-	Digital pH Meter
Moisture Content	$\leq 1.0\%$	0.6%	%	Karl Fischer Titration
Heavy Metals (Pb)	$\leq 0.001\%$	0.0005%	%	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	$\leq 0.005\%$	0.003%	%	Spectrophotometry
Magnesium (Mg)	$\leq 0.5\%$	0.3%	%	EDTA Titration
Insoluble Matter in Water	$\leq 0.1\%$	0.05%	%	Gravimetric Method
Alkalinity (as $\text{Ca}(\text{OH})_2$)	$\leq 0.2\%$	0.1%	%	Hydrochloric Acid Titration

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

Issue Date: 15 FEB 2026