



# Partial Certificate of Analysis (Web Display) - Nano Tricalcium Silicate (C3S)

Version: RevA | Issued: 2025-10

## 1. Product Information

Item	Description
Product Name	Nano Tricalcium Silicate (C3S)
Version	RevA (Issued 2025-10)
Product Code	C3S-NANO
Manufacturer	Hongkong Kannry Industrial Co., Ltd.
Quality System	ISO 13485 Certified
Reference	Full standards & conditions provided in the Full COA.
Packaging	1 kg / sealed HDPE bottle

## 2. Physical & Chemical Characteristics

Parameter	Typical Value	Unit	Method
Appearance	White fine powder	—	Visual
Purity	$\geq 99.5\%$	—	ICP-OES
Particle Size (D50)	80-200	nm	DLS
Specific Surface Area (BET)	50-90	m <sup>2</sup> /g	BET
Phase Composition	C3S $\geq 98\%$	—	XRD
Free CaO	$\leq 0.5$	%	Titration
Setting Reactivity (37 °C)	$< 15$	min	Isothermal Calorimetry
Total Volatile Content	$\leq 0.3$	%	TGA

## 3. Compliance Statement

Testing was performed per validated internal SOPs. Exact referenced standards (GB/T, ISO, ASTM), acceptance criteria, and test conditions are provided in the Full COA. Data shown are typical values from qualified production lots and anonymized customization cases. Not for regulatory submission.

## 4. Additional Notes

Full analytical package (XRD, FTIR, SEM/EDS, PSD/BET, ICP, microbiology) is available upon request.

## 5. Request for Full Report

For the Full COA or custom specifications, please contact [info@kannrybio.com](mailto:info@kannrybio.com) or visit [www.kannrybio.com](http://www.kannrybio.com).

For Web Display Only - Hongkong Kannry