



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	≥ 99.5%	—	ICP-OES
Particle Size (D50)	80-200	nm	DLS
Specific Surface Area (BET)	50-90	m ² /g	BET
Phase Composition	C3S ≥ 98%	—	XRD
Free CaO	≤ 0.5	%	Titration
Setting Reactivity (37 °C)	< 15	min	Isothermal Calorimetry
Total Volatile Content	≤ 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 or visit www.kannrybio.com.

For Web Display Only - Hongkong Kannry