



Partial Certificate of Analysis (Web Display) - Nano Hydroxyapatite (nHA)

Version: RevA | Issued: 2025-10

1. Product Information

Item	Description
Product Name	Nano Hydroxyapatite (nHA)
Version	RevA (Issued 2025-10)
Product Code	NHA-STD
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 amorphous powder	—	Visual
Purity	≥ 99.9%	—	ICP-OES
Particle Size (D50)	50-120	nm	DLS
Specific Surface Area (BET)	80-150	m ² /g	BET
Ca/P Ratio	1.67 ± 0.02	—	ICP-OES
Crystallinity	≥ 95	%	XRD
Total Volatile Content (TGA)	≤ 0.3	%	TGA
Microbial Count	< 10	CFU/g	Microbial Count

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