



# Partial Certificate of Analysis (Web Display) - β-Tricalcium Phosphate (β-TCP) — Microspheres

Version: RevA | Issued: 2025-10

## 1. Product Information

Item	Description
Product Name	β-Tricalcium Phosphate (β-TCP) — Microspheres
Version	RevA (Issued 2025-10)
Product Code	BETA-TCP-MS
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 spherical powder	—	Visual
Purity	≥ 99.8%	—	ICP-OES
Particle Size Range	30-90	µm	Laser Diffraction
Specific Surface Area (BET)	10-25	m <sup>2</sup> /g	BET
Roundness (Aspect Ratio)	≥ 0.95	—	Image Analysis
Phase Composition	β-TCP single phase	—	XRD
Total Volatile Content (TGA)	≤ 0.3	%	TGA
Heavy Metals (Pb, Cd, As, Hg)	< 5	ppm	ICP-MS
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](mailto:info@kannrybio.com) or visit [www.kannrybio.com](http://www.kannrybio.com).

For Web Display Only - Hongkong Kannry