



Partial Certificate of Analysis (Web Display) - 45S5 Bioactive Glass — Nano

Version: RevA | Issued: 2025-12

1. Product Information

Item	Description
Product Name	45S5 Bioactive Glass — Nano
CAS	N/A (glass system)
Version	RevA (Issued 2025-12)
Product Code	45S5-NANO
Manufacturer	Hongkong Kannry Industrial Co., Ltd.
Quality System	ISO 13485 Certified
Reference	Full standards & conditions provided in the Full COA.
Packaging	100 g - 1 kg / sealed HDPE bottle (typical)

2. Physical & Chemical Characteristics

Parameter	Typical Value	Unit	Method
Glass composition	45.0 SiO ₂ / 24.5 Na ₂ O / 24.5 CaO / 6.0 P ₂ O ₅ (wt%, typical)	wt%	ICP / XRF
Primary particle size	< 200	nm	DLS / TEM
Specific surface area	30 - 80	m ² /g	BET
Loss on ignition (600 °C)	≤ 5.0	% (w/w)	LOI
Heavy metals (Pb, Cd, Hg, As)	≤ 5 (each)	ppm	ICP-MS

3. Compliance Statement

Values shown are typical. Exact standards, acceptance criteria, and test conditions are provided in the Full COA.

4. Additional Notes

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

5. Request for Full Report

Request the Full COA via info@kannrybio.com or www.kannrybio.com.