



Hongkong Kannry Industrial Co., Ltd.

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.