



Partial Certificate of Analysis (Web Display) - Hydroxyapatite Whiskers (HAW)

Version: RevA | Issued: 2025-10

1. Product Information

| Item | Description |
|----------------|---|
| Product Name | Hydroxyapatite Whiskers (HAW) |
| Version | RevA (Issued 2025-10) |
| Product Code | HAW-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 needle-like whiskers | — | Visual |
| Length | 20–60 | μm | SEM |
| Aspect Ratio | 10–30 : 1 | — | SEM |
| Specific Surface Area (BET) | 40–60 | m ² /g | BET |
| Crystallinity | ≥ 97 | % | XRD |
| Total Volatile Content (TGA) | ≤ 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.