



Partial Certificate of Analysis (Web Display) - Silicon Nitride Bioceramic Head (SNBH)

Version: RevA | Issued: 2025-10

1. Product Information

Item	Description
Product Name	Silicon Nitride Bioceramic Head (SNBH)
Version	RevA (Issued 2025-10)
Product Code	HEAD-SNBH
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
Purity	$\geq 99.9\% \text{ Si}_3\text{N}_4$	—	ICP / XRF
Density	3.2	g/cm^3	Archimedes
Flexural Strength	≥ 950	MPa	3-Point Bending
Hardness (HV)	≥ 15	GPa	Vickers
Surface Roughness (Ra)	≤ 0.02	μm	Profilometry

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.