

## Certificate of Analysis

Date of Testing: 2025-01-16 14:48:55

Date of Next Testing: 2029-01-15 14:48:55

Product Name: **Hydroxylapatite**

CAS Number: 1306-06-5

Specifications & Purity: PharmPure™, Bio-medical grade, ≥98%, length/diameter≈5,Whiskers

Lot #: C2118066

SKU #: **H139936**

Version: **0**

Analysis #: **463953**

| Parameter                        | Limit Values                        | Result                              |
|----------------------------------|-------------------------------------|-------------------------------------|
| Purity                           | 98-100 (%)                          | 99.90 %                             |
| Chloride (Cl-)                   | 0-0.15 (%)                          | 0.00 %                              |
| Sulfate(SO42-)                   | 0-0.5 (%)                           | 0.00 %                              |
| Insoluble matter in hydrochloric | 0-0.2 (%)                           | 0.00 %                              |
| Mercury(Hg)                      | 0-1 (ppm)                           | 0.00 ppm                            |
| Cadmium(Cd)                      | 0-1 (ppm)                           | 0.00 ppm                            |
| Length:Diameter                  | 3-7                                 | 7.00                                |
| Fluoride (F-)                    | 0-50 (ppm)                          | 0.00 ppm                            |
| (As)Arsenic                      | 0-2 (ppm)                           | 0.00 ppm                            |
| Lead(Pb)                         | 0-2 (ppm)                           | 0.00 ppm                            |
| Appearance (H139936)             | White to Faint Blue Powder or Fiber | White to Faint Blue Powder or Fiber |
| X-Ray Diffraction                | Conforms to Structure               | Conforms to Structure               |



John Su  
QA & QC Manager