

### Certificate of Analysis

Date of Testing: 2023-09-14 16:33:13  
Date of Next Testing: 2026-09-13 16:33:13  
Product Name: **sericin**  
CAS Number: 60650-88-6  
Specifications & Purity:  
Lot #: 12312658  
SKU #: **S488097**  
**Analysis: 251763**

| Parameter                      | Limit Values              | Result                    |
|--------------------------------|---------------------------|---------------------------|
| Loss on drying                 | 0-6 (%)                   | 3.43%                     |
| Residue on Ignition            | 0-5 (%)                   | 0.00000 %                 |
| Lead(Pb)                       | 0-0.5 (ppm)               | 0.00 ppm                  |
| Arsenic(As)                    | 0-0.5 (ppm)               | 0.00000 ppm               |
| Mercury(Hg)                    | 0-0.3 (ppm)               | 0.00 ppm                  |
| PH(1% in Water,25°C)           | 5.0-7.0                   | 6.91                      |
| Nitrogen by Elemental Analysis | ≥14 (%)                   | 14.79%                    |
| (MPN)Coli group(MPN)(per/100g) | ≤30                       | 25.00000                  |
| Appearance(S488097)            | white to off-white powder | White to Off-White Powder |
| pathogenic bacteria            | None Detected             | none detected             |



John Su  
QA & QC Manager