

CERTIFICATE OF ANALYSIS

Product Name	Sericin powder		
Batch Number	20221025	Manufacture Date	20221025
Report Date	20221025	Expiry Date	20241024

Item of Analysis	Specification	Results
Organoleptic		
Appearance	Powder	Conforms
Color	Powder in white or light yellow	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Protein	≥92%	92.8%
Nitrogen	≥14%	14.7%
Polarity Collateral Amino Acid Proportion	≥70%	74.5%
Loss on drying	≤6.0%	2.5%
Ash	≤2.0%	0.9%
Residue on Ignition	≤4.0%	2.3%
pH Value	5.0-7.0	5.7
Heavy metals		
Total Heavy Metals	≤10mg/kg	Conform
Lead (Pb)	≤0.5mg/kg	0.03mg/kg
Arsenic (As)	≤0.5mg/kg	0.1mg/kg
Cadmium (Cd)	≤0.3mg/kg	0.01mg/kg
Mercury (Hg)	≤0.2mg/kg	0.05mg/kg
Microbiological Tests		
Total Plate Count	≤1000cfu/g	Conform
Fungi	≤100cfu/g	Conform
Coliforms	Negative	Negative
Yeast and mould	100cfu/g Max	10cfu/g Max
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

