

CERTIFICATE OF ANALYSIS

Product Name	Silkworm chrysalis protein powder		
Batch Number	20221025	Manufacture Date	20221025
Used part	silkworm chrysalis		
Report Date	20221025	Expiry Date	20241024

Item of Analysis	Specification	Results	Test Methods
Amino-nitrogen/Total Nitrogen (%)	≥75	85.5%	HPLC
Organoleptic			
Characteritice	Powder in white or brownish yellow color with special aminoacid odor ,easy to moisten	Powder in white or brownish yellow color with special aminoacid odor ,easy to moisten	Organoleptic
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Fat	<0.1	Conform	
Loss on drying	5%NMT (%)	2.38%	USP<731>
Total ash	5%NMT (%)	3.03%	USP<561>
PH Value	5-7	5.6	CP2010IA
Pesticide Residues	1ppm NMT	0.236 ppm	Gas Chromatography
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	3000cfu/g Max	Conform	USP<61>
Yeast & Mold	90cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

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.

Specializing in Cosmetics Ingredients and Nutritional Supplement Ingredients

www.aogubio.com

