

PRODUCTS

Silkworm Pupae Protein Concentrate

Silkworm pupae protein concentrate is a defatted insect protein meal derived from fresh mulberry leaves fed silkworms.



65%+ Protein

Sustainable alternative to premium animal proteins



~5% Chitin

Promotes gut health



Max. 3 ppm Heavy Metal

Reduces toxicity



Max. 7% Ash

Superior digestibility

Proximate Analysis

Crude Protein	Min 65%
Crude Fat	Max 15%
Crude Fibre	Max 7%
Total Ash	Max 7%
Carbohydrates	Max 7%
Moisture	Max 7%
Energy	Min 4000 Kcal/Kgram
Sterols	2200 ppm
Phospholipids	6000 ppm

Amino Acid Profile (Typical Values)

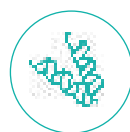
Lysine	4.70	g/100 grams	Proline	3.70	g/100 grams
Methionine	1.71	g/100 grams	Cystine	<0.01	g/100 grams
Serine	3.72	g/100 grams	Tyrosine	4.50	g/100 grams
Glutamic Acid	7.20	g/100 grams	Valine	4.11	g/100 grams
Glycine	3.58	g/100 grams	Tryptophan	0.21	g/100 grams
Histidine	2.05	g/100 grams	Aspartic Acid	7.09	g/100 grams
Arginine	2.67	g/100 grams	Isoleucine	2.94	g/100 grams
Threonine	4.73	g/100 grams	Leucine	4.32	g/100 grams
Alanine	1.80	g/100 grams	Phenylalanine	3.50	g/100 grams

Detailed Test Report



Silkworm Pupae Protein Isolate

Silkworm pupae protein isolate is a defatted solvent extracted insect protein isolate derived from fresh mulberry leaves fed silkworms.



72%+ Protein

Sustainable alternative to premium animal proteins



~6% Chitin

Promotes gut health



Max. 3 ppm Heavy Metal

Reduces toxicity



Max. 7% Ash

Superior digestibility

Proximate Analysis

Crude Protein	Min 72%
Crude Fat	Max 3%
Crude Fibre	Max 7%
Total Ash	Max 7%
Carbohydrates	Max 5%
Moisture	Max 6%
Energy	Min 3250 Kcal/Kgram

Amino Acid Profile (Typical Values)

Lysine	6.69	g/100 grams	Proline	4.54	g/100 grams
Methionine	1.32	g/100 grams	Glutamine	0.05	g/100 grams
Serine	4.23	g/100 grams	Tyrosine	5.66	g/100 grams
Glutamic Acid	10.72	g/100 grams	Valine	4.61	g/100 grams
Glycine	2.94	g/100 grams	Isoleucine	1.87	g/100 grams
Aspartic Acid	8.90	g/100 grams	Leucine	6.27	g/100 grams
Arginine	3.27	g/100 grams	Phenylalanine	2.57	g/100 grams
Threonine	1.40	g/100 grams	Hydroxyproline	0.05	g/100 grams
Alanine	3.57	g/100 grams			

Detailed Test Report

