

# Shandong Bongie Import & Export Group Co., Ltd

No.3-1, Nanxiaoweijiu Road, Huaiyin District, Jinan Shandong, China

Tel: +86-531-85662086,

Website: <http://www.insects-protein.com>

Whatsapp: +86-18678880582

Email: [sdbongie@126.com](mailto:sdbongie@126.com)

## PRODUCTS CATALOG

### 1. Defatted Mealworm Powder

The defatted mealworm powder is a new kind of insect protein raw material made from dried yellow mealworm after degreasing. Widely used in fish, pet, poultry, livestock feed. It is the best protein material can replace fishmeal.



Protein	≥65% (usually ≥68)
Fat	≤10%
Fiber	≤4%
Ash	≤10%
Moisture	≤10%
Calcium	0.5~1.8%
Phosphorus	0.2~0.8%

## 2.Black Soldier Fly Larvae Powder

As a kind of high-quality animal and aquatic feed, black soldier fly powder is rich in protein, amino acid, trace elements and a variety of antioxidant substances. Therefore, it is increasingly accepted and approved by countries around the world as a substitute for fishmeal in feed production. BSF powder is made from black soldier fly larvae by drying and grinding without adding any additives to ensure that nutrients are adequately preserved.



Protein	≥55%
Fat	≤10%
Fiber	≤12%
Ash	≤10%
Moisture	≤8%
Calcium	0.60 - 0.63%
Phosphorus	0.90– 2.1 %

### 3. Defatted Grub Protein Powder

Defatted grub powder has been listed in Chinese national feed raw material procurement catalogue. Defatted grubs powder is a product made of grubs as raw materials by microwave drying, grinding, supercritical carbon dioxide extraction and defatting. Its protein content is more than 45%. In addition, in the process of producing grub powder, we produce grease as industrial oil, extract part of antibacterial peptide and chitin as additives and pharmaceutical raw materials.



Protein	≥45%
Fiber	≤10%
Ash	≤23%
Moisture	≤10%
Calcium	0.5-1.8%
Phosphorus	0.2-0.8%



#### 4.Microwave Dried BLACK Soldier Fly Larvae



ITEMS	INDEX
CRUDE PROTEIN	≥40%
CRUDE FAT	≥13%
CRUDE FIBRE	≤13.9%
CRUDE ASH	≤11%
MOISTURE	≤8%
ACIDITY LEVEL	3.6 mg/g
PHOSPHORUS	0.60 - 0.63%
CALCIUM	0.9 – 2.1 %

## 5.Microwave Dried Mealworm Larvae



ITEMS	INDEX
CRUDE PROTEIN	≥52%
CRUDE FAT	≥25%
CRUDE FIBRE	≤6%
CRUDE ASH	≤3%
MOISTURE	≤8%

## 6. Microwave Dried Super Giant Mealworms



ITEMS	INDEX
CRUDE PROTEIN	≥48%
CRUDE FAT	≥23%
CRUDE FIBRE	≤8%
CRUDE ASH	≤4%
CA	0.8 – 1.2%
TP	≥1.2%
MOISTURE	≤5%
Acidity Level	2 - 4 (KoH) mg/g
Phosphorus	6000 - 7020 mg/g
Calcium	1000 - 1040 mg/g



## 7.Natural Dried Silkworm Pupae



ITEMS	INDEX
CRUDE PROTEIN	$\geq 70\%$
CRUDE FAT	$\geq 20\%$
CRUDE FIBRE	$\leq 2\%$
CRUDE ASH	$\leq 5\%$
CA	0.8-1.2%
TP	$\geq 1.1\%$
MOISTURE	$\leq 8\%$
Acidity level in mg / NaOH	2,9 (KOH) mg/g
Minimum and maximum level of Phosphorus	0,6 mg, plus or minus 3,7 mg/100g
Maximum aflatoxin level in ppb	Aflatoxin B1 is less than 10 U $\mu$ g/kg.
Calcium level	920 mg, plus or minus 75 mg/100g
Diffective protein level at pepsin digestibility level	0.91

## 8.Natural Dried Crickets



ITEMS	INDEX
CRUDE PROTEIN	$\geq 63\%$
CRUDE FAT	$\geq 11\%$
CRUDE FIBRE	$\leq 15\%$
CRUDE ASH	$\leq 5\%$
MOISTURE	$\leq 8\%$



## 9.Natural Dried Grasshopper



ITEMS	INDEX
CRUDE PROTEIN	$\geq 56\%$
CRUDE FAT	$\geq 28\%$
CRUDE FIBRE	$\leq 2\%$
CRUDE ASH	$\leq 6\%$
MOISTURE	$\leq 8\%$

## 10.Natural Dried River Shrimp



ITEMS	INDEX
CRUDE PROTEIN	≥65%
CRUDE FAT	≥6%
CRUDE FIBRE	≤12%
CRUDE ASH	≤8%
CA	1 – 1.2 %
TP	≥2.3%
MOISTURE	≤12%
ACIDITY LEVEL	2.1 mg/g
Phosphorus	512 mg / 100g
Calcium	950 - 1500 mg/100g