

ENTOFOOD Whole Meal

Food grade feedstock / WM-FG



Entofood Whole Meal (WM-FG) is produced from a single farm-raised insect species.

The cultured species is *Hermetia illucens*, Diptera from the *Stratiomyidae* family. Insect biomass is processed immediately upon harvest to enable high quality meal with low level of biogenic amines.

The meal is obtained from the larvae harvested upon completion of their development, when level of protein and fat are high.

Insects are raised indoor in controlled environment and issued from breeding program.

Insect larvae are raised on fresh/cooked organic side-streams, which are not competing with human uses.

Process 100% natural, no chemical added. 100% from larvae biomass, not mixed with any other source of protein

No antioxidant added (unless required by customer).

Amino acid profile

| | |
|---------------------|------|
| Aspartic | 3,39 |
| Serine | 1,71 |
| Glutamic | 4,42 |
| Glycine | 2,11 |
| Histidine | 1,33 |
| Arginine | 2,25 |
| Threonine | 1,59 |
| Alanine | 2,82 |
| Proline | 2,27 |
| Cystine | 0,27 |
| Tyrosine | 2,38 |
| Valine | 2,47 |
| Methionine | 0,75 |
| Lysine | 2,27 |
| Isoleucine | 1,79 |
| Leucine | 2,76 |
| Phenilalanine | 1,69 |

Composition

| | |
|---------------------|------------|
| Crude protein | min 46% |
| Crude fat | min 10% |
| Moisture | max 10% |
| Ash | mean 9.7% |
| Fiber | mean 5.2% |
| Salmonellae | not proved |