

Entolipid is a pure insect oil obtained through a mechanical extraction from Black Soldier Fly larvae (*Hermetia illucens*) that are grown on traceable side streams of the food & beverage industry.

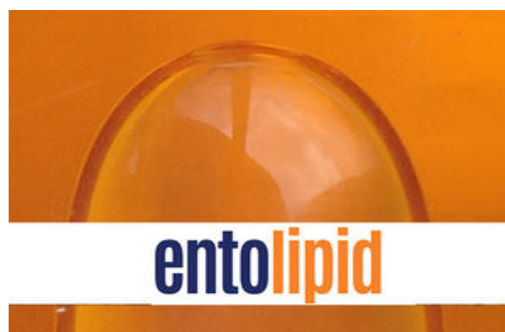
Entolipid has a unique fatty acid profile, rich in Lauric acid which is known for its antibacterial & antiviral properties. It is easily digestible & has various benefits in animal health & performance.

Our recent study in juvenile whiteleg shrimp (*Litopenaeus vannamei*) fed with 2% inclusion of Entolipid and 2% Entomeal™ has shown an enhanced immune response & improved survival rate to pathogenic challenge.

Entolipid is a sustainable fat source that can be used to replace other vegetable or animal fats in pet food, aquafeed & livestock diets.

Product properties

Colour	Light Golden
pH	5.97
Density	0.91 ±0.04kg/m3
Gross Energy	8 988 kcal/kg
Crude Fat	100 %
Crude Protein	<0.1%
Moisture & volatile contents	0.15 %



Fatty Acids

(Average value of fatty acid expressed on total fats):

	% of Total Fats
Omega-3	2.2
Omega-6	22.0
Omega-9	10.8
SFA	57.1
MUFA	13.1
PUFA	23.6
Total Fatty Acids	92.8

Main Fatty Acids

(Average value of fatty acid expressed on total fats):

	% of Total Fats
Lauric acid	26.8
Myristic acid	6.7
Palmitic acid	20.5
Stearic acid	2.9
Oleic acid	10.4
Linoleic acid	21.7
Alpha-linolenic acid	2.2

Stability & Storage

Best to use within 9 months from production date, in its original packaging.

Keep in a dry & cool place for optimum preservation.

Packaging type

220 litres drum / 1000 litres IBC

Certifications & Countries of exportation

INSPRO Malaysia is certified with the highest quality standards: ISO 22000, HACCP & GMP +.

Entolipid is manufactured in compliance with EU & FDA regulations & can be exported to EU & US.

*Data was collected from average analysis in 2025

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INSPRO BIOCONVERSION MALAYSIA Sdn Bhd

Lot 2506, Mukim Ulu Tinggi, Bestari Jaya, 45600 Kuala Selangor,
Selangor Darul Ehsan / Malaysia

European Sales European Sales Office

Vicinus Trade International B.V.

Bargelaan 200, 2333 CW Leiden, Netherlands