

# LoopOil – Grade I

LoopOil is a powerful energy source extracted from silkworms fed on mulberry leaves.



**35% Omega-3**  
Reduces mortality rates



**5% Omega-6**  
Activates immune system



**25% Omega-9**  
Removes bad cholesterol



**210 ppm Tocopherols**  
Support immune health and minimize oxidative stress

## Specifications

Source	100% <i>Bombyx mori</i>
Odour	Strong fish like smell
Moisture	Max 1%
Vitamin E (Tocopherol)	210 ppm
Energy Value	Min 9200 Kcal/Kgram
FFA	Max 10
Sterols	7400 ppm
Phospholipids	12000 ppm

## Fatty Acid Profile (Typical Values)

C12:0 (Lauric Acid)	0.77	g/100 grams
C14:0 (Myristic Acid)	0.35	g/100 grams
C16:0 (Palmitic Acid)	20.99	g/100 grams
C18:0 (Stearic Acid)	5.19	g/100 grams
C18:1 (Oleic Acid)	27.01	g/100 grams
C18:2 (Linoleic Acid)	6.20	g/100 grams
C18:3 (Linolenic Acid)	37.63	g/100 grams
Total Saturated	27.69	g/100 grams
Mono Unsaturated	29.80	g/100 grams
Poly Unsaturated	43.97	g/100 grams

Detailed Test Report



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## Specifications

Source	100% <i>Bombyx mori</i>
Odour	Strong fish like smell
Moisture	Max 1%
Vitamin E (Tocopherol)	210 ppm
Energy Value	Min 9200 Kcal/Kgram
FFA	Max 15
Sterols	7400 ppm
Phospholipids	12000 ppm

## Fatty Acid Profile (Typical Values)

C12:0 (Lauric Acid)	3.65	g/100 grams
C14:0 (Myristic Acid)	1.30	g/100 grams
C16:0 (Palmitic Acid)	20.38	g/100 grams
C18:0 (Stearic Acid)	5.18	g/100 grams
C18:1 (Oleic Acid)	26.05	g/100 grams
C18:2 (Linoleic Acid)	6.60	g/100 grams
C18:3 (Linolenic Acid)	34.62	g/100 grams
Total Saturated	31.01	g/100 grams
Mono Unsaturated	27.08	g/100 grams
Poly Unsaturated	44.0	g/100 grams

Detailed Test Report

