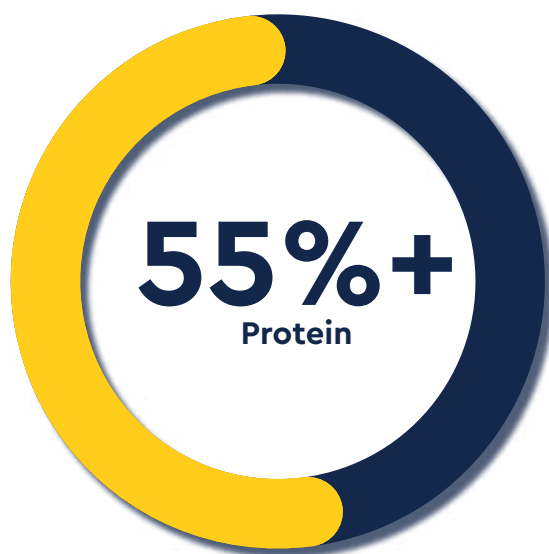


# LoopMeal Omega – 55

LoopMeal Omega is an insect protein and lipid concentrate derived from fresh-leaf fed silkworms.



**Min. 80% Protein + Lipids**  
Nutrient dense sustainable ingredient



**Min. 12% Omega-3 Fatty Acids**  
Increases immunity in animals



**Max. 7% Ash**  
Superior digestibility



**Min. 5000 Kcal/Kg Energy**  
Increases metabolic activity

## Proximate Analysis

Crude Protein	Min 55%
Crude Fat	Max 30%
Crude Fibre	Max 5%
Total Ash	Max 7%
Moisture	Max 7%
Energy	Min 4500 Kcal/Kgram

## Essential Amino Acids (Typical Values)

Lysine	2.82	g/100 grams
Methionine	1.12	g/100 grams
Threonine	3.07	g/100 grams
Valine	2.92	g/100 grams
Histidine	1.49	g/100 grams
Arginine	2.64	g/100 grams
Isoleucine	3.08	g/100 grams
Leucine	4.31	g/100 grams
Tryptophan	0.40	g/100 grams

## Lipids (Typical Values)

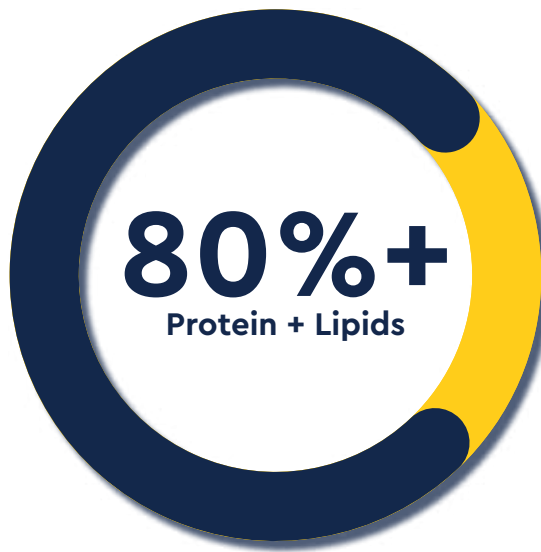
C16:0 (Palmitic Acid)	5.04	g/100 grams
C16:1 (Palmitoleic Acid)	<0.01	g/100 grams
C18:0 (Stearic Acid)	1.52	g/100 grams
C18:1 (Oleic Acid)	6.68	g/100 grams
C18:2 (Linoleic Acid)	1.54	g/100 grams
C18:3n3 (Alpha Linolenic Acid)	9.40	g/100 grams
Total Tocopherols	64	ppm
Total Phospholipids	10000	ppm
Total Sterols	3600	ppm

Detailed Test Report



# LoopMeal Omega – 50

LoopMeal Omega is an insect protein and lipid concentrate derived from fresh-leaf fed silkworms.



**Min. 80% Protein + Lipids**  
Nutrient dense sustainable ingredient



**Min. 12% Omega-3 Fatty Acids**  
Increases immunity



**Max. 7% Ash**  
Superior digestibility



**Min. 5200 Kcal/Kg Energy**  
Increases metabolic activity

## Proximate Analysis

Crude Protein	Min 50%
Crude Fat	Max 35%
Crude Fibre	Max 5%
Total Ash	Max 7%
Moisture	Max 7%
Energy	Min 5200 Kcal/Kgram

## Essential Amino Acids (Typical Values)

Lysine	3.67	g/100 grams
Methionine	0.52	g/100 grams
Threonine	1.63	g/100 grams
Valine	3.11	g/100 grams
Histidine	1.88	g/100 grams
Arginine	2.08	g/100 grams
Isoleucine	2.27	g/100 grams
Leucine	3.64	g/100 grams
Tryptophan	0.08	g/100 grams

## Lipids (Typical Values)

C16:0 (Palmitic Acid)	7.09	g/100 grams
C16:1 (Palmitoleic Acid)	0.29	g/100 grams
C18:0 (Stearic Acid)	1.76	g/100 grams
C18:1 (Oleic Acid)	9.33	g/100 grams
C18:2 (Linoleic Acid)	2.03	g/100 grams
C18:3n3 (Alpha Linolenic Acid)	12.79	g/100 grams
Total Tocopherols	64	ppm
Total Phospholipids	10000	ppm
Total Sterols	3600	ppm

Detailed Test Report

