



Product Specifications

Fish Meal & Fish Oil

Prima LT

Prima LT is a special quality fishmeal produced from fresh, chilled raw material. It is a whole meal processed using the application of our gentle two-stage indirect drying process. Gentle drying is critical for the manufacture of highly digestible fishmeals. Our suppliers exclusively use vessels with modern refrigerated cargo holds to deliver very fresh fish to our plant. Natural antioxidant is added to stabilize the fishmeal. These quality parameters allow us to deliver a finished product with low TVN, histamine and other biogenic amines and that is high in digestibility while still providing a naturally preserved alternative.

All Prima Protein fishmeals are produced in our modern production facility at high technical and hygienic standards. Quality procedures are all according to Hazard Analysis and Critical Control point (HACCP) principles. All lots are tested at an independent lab for chemical composition and microbiological control.

Our facility is designed for an eco-friendly production and has been subjected to an extensive and strict program of approval.

The raw material used is exclusively from responsible managed fisheries approved from an official approved authority.

Product applications

Prima LT fishmeal is a superior fishmeal with a high content of proteins and minerals and excellent high protein digestibility - for use in animal and fish feed.

Parameters	Specifications
Protein	68 - 72 %
Fat (Soxhlet)	Max. 13 %
Moisture	Min. 6 %, max. 10 %
Ash, without salt	Max. 14 %
Salt (NaCl)	Max. 5 %
Total Volatile Nitrogen (TVN)	Max. 0,18 % NH ₃ -N
Water-soluble protein	Min. 18 %, max. 32 %
Cadaverine	Max. 1,0 g/kg (1000 ppm)
Histamine	Max. 0,5 g/kg (500 ppm)
Antioxidant	Natural antioxidant is added after milling
Salmonella	Not detected
Contaminants	EU limits
Quality of raw material	TVN max. 50 mg N/100g

Packing

1000 kg Big-bags

Bulk delivery



Prima ECO

Prima ECO is a special fish meal made of a minimum of 51% fish by-products/trimmings. The meal is produced from chilled fish by-products and fresh raw materials. It is a whole meal processed using the application of our gentle two-stage indirect drying process. Natural antioxidant is added to stabilize the fishmeal. These quality parameters allow us to deliver a finished product with low TVN, histamine and other biogenic amines and that is high in digestibility while still providing a naturally preserved alternative.

All Prima Protein fishmeals are produced in our modern production facility at high technical and hygienic standards. Quality procedures are all according to Hazard Analysis and Critical Control point (HACCP) principles. All lots are tested at an independent lab for chemical composition and microbiological control.

Our facility is designed for an eco-friendly production and has been subjected to an extensive and strict program of approval.

The raw material used is exclusively from responsible managed fisheries approved from an official approved authority.

Product applications

Prima ECO is an ideal ingredient in the composition of an eco-friendly and top-quality fish- and animal feed.

Parameters	Specifications
Protein	68 - 72 %
Fat (Soxhlet)	Max. 13 %
Moisture	Min. 6 %, max. 10 %
Ash, without salt	Max. 14 %
Salt (NaCl)	Max. 5 %
Total Volatile Nitrogen (TVN)	Max. 0,18 % NH ₃ -N
Water-soluble protein	Min. 18%, max. 32 %
Cadaverine	Max. 1,0 g/kg (1000 ppm)
Histamine	Max. 0,5 g/kg (500 ppm)
Antioxidant	Natural antioxidant is added after milling
Salmonella	Not detected
Contaminants	EU limits
Quality of raw material	TVN max. 50 mg N/100g

Packing

1000 kg Big-bags

Bulk delivery



Prima NSM

Prima LT is a special quality fishmeal produced from high quality raw material. It is a whole meal processed using the application of our gentle two-stage indirect drying process. All Prima Protein fishmeals are produced in our modern production facility at high technical and hygienic standards. Quality procedures are all according to Hazard Analysis and Critical Control point (HACCP) principles. All lots are tested at an independent lab for chemical composition and microbiological control.

Our facility is designed for an eco-friendly production and has been subjected to an extensive and strict program of approval.

The raw material used is exclusively from responsible managed fisheries approved from an official approved authority.

Product applications

Prima NSM is mainly used in feed for fish and fur animals.

Parameters	Specifications
Protein	68 - 72 %
Fat (Soxhlet)	Max. 14 %
Moisture	Min. 6 %, max. 10 %
Ash, without salt	Max. 14 %
Salt (NaCl)	Max. 5 %
Total Volatile Nitrogen (TVN)	Max. 0.20 % NH ₃ -N
Cadaverine	Max. 1,8 g/kg (1800 ppm)
Histamine	Max. 0,7 g/kg (700 ppm)
Antioxidant	Natural antioxidant is added after milling
Salmonella	Not detected
Contaminants	EU limits
Quality of raw material	TVN max. 100 mg N/100g

Packing

1000 kg Big-bags

Bulk delivery



Prima Natural Oil

Prima Natural Oil is an unrefined high-quality crude fish oil made from chilled fresh raw materials. An efficient production with high hygienic standard gives a clean fresh product with a very low content of free fatty acids. Natural antioxidant is added as needed according to customer's demand.

Our facility is designed for an eco-friendly production and has been subjected to an extensive and strict program of approval.

The raw material used is exclusively from responsible managed fisheries approved from an official approved authority.

Product applications

Prima Natural Oil is a crucial element in the composition of an energy-rich fish feed. The oil strengthens the fat tissue properties as a flavour binder - and ensures an optimal and tasty feed product.

Parameters	Specifications
Free fatty acids	Typical 3%, max. 5%
Moisture and impurities	Typical 0,2%, max. 1 %
Totox (anidine + 2 x peroxide)	Typical 15, max. 25
Antioxidant	Natural
Contaminants	EU limits

Packing

Bulk delivery



Fishmeal specifications overview

Parameters	Unit	Specifications		
		Prima LT	Prima Eco	Prima NSM
Protein	%	68 - 72 %	68 - 72 %	68 - 72 %
Fat (Soxhlet)	%	≤13 %	≤13 %	≤14 %
Moisture	%	Min. 6 %, max. 10 %	Min. 6 %, max. 10 %	Min. 6 %, max. 10 %
Ash, without salt	%	≤14 %	≤14 %	≤14 %
Salt (NaCl)	%	≤5 %	≤5 %	≤5 %
Total Volatile Nitrogen (TVN)	% NH ₃ -N	≤0.18 %	≤0.18 %	≤0.20 %
Water-soluble protein	%	Min. 18%, max. 32 %	Min. 18%, max. 32 %	
Cadaverine	ppm	≤1000	≤1000	≤1800
Histamine	ppm	≤500	≤500	≤700
Antioxidant	ppm	≥300 natural antioxidant, added after milling		
Salmonella		Not detected		
Enterobacteriaceae		≤300		
Contaminants		EU limits		
Quality of raw material, max TVN	mg N/100g	≤50	≤50	≤100

Fishmeal stabilized with natural antioxidant stored in a dry place at ambient temperature has a minimum shelf life of 12 months.

GMO:

The product is not derived from genetically modified organisms (GMO).

SUSTAINABILITY

The fish species used in the manufacturing of the product comes from stocks managed according to national regulations.

The product has not been produced from endangered fish species.

