

#### Desription

Kangaroo Meal is a premium, nutrient-rich feed ingredient made from rendered Eastern Grey Kangaroo (Macropus giganteus), sourced and processed in Australia under strict hygiene and sustainability standards. It contains a minimum of 50% crude protein and is free from contaminants like hair, blood, and stomach contents. Heat-treated at 133°C for 20 minutes, it ensures safety and pathogen control. The product is fully traceable, not restricted by international trade laws, and is available in bulk. Shelf life is 6 months when stored properly.

#### Specification

Crude Protein	50% Minimum
Crude Fat	10% Maximum
Ash	35% Maximum
Moisture	10% Maximum
Antioxidant Buty Lated Hydroxytoluence	500 ppm Maximum



T & T Commodities PTY LTD

Adress: 1 Barlow Rise, Bundoora, VIC 3083, Australia.

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# Korean Squid Liver Powder

#### ProductDescription

Product name: Korean Squid Liver Powder

Intend to use: Aquaculture feed and Livestock feed

Composition: Squid liver and intestines



Squid Liver Powder is rich in squid flavor promotes the appetite and growth of hatchery fish such as shrimps, black rockfish, halibuts as well as livestock. A highly efficient feed with abundant nutritional components, this feed additive has been designed to replace fish meal.

#### Spectification

Protein	45% Min
Moisture	10% Max
Fat	20% Max
Ash	10% Max
TVN	380 Max
Acid Value	50mg KOH/g
FFA	50% Max
Salt and Sand	5% Max





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# WHEAT DDG

#### **Product Description**

Wheat distillers grain is the main by-product from the distillation of alcohol from wheat grain. Distilleries produce alcoholic beverages, industrial ethanol and ethanol biofuel with the following by-products (defitions are given in Processes) as spent grains, wet grains, wet distillers grains, wet distiller grain with solubles.

## **Specification**

Moisture	10% Max
Crude Protein	23%
Fat	5%
Ash	7%
Fiber	12%

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#### **Product Introduction**

Dried Food Meal or Hy-dried Food Pellet is an innovative feedstuff, focusing on safety and economic efficiency in the environment and energy industry.

#### Specification

Moisture	13% Max
Crude Protein	22% Min
Crude Fat	12% Min
Crude Fiber	13% Max
Crude Ash	15% Max
Salt	2% Max



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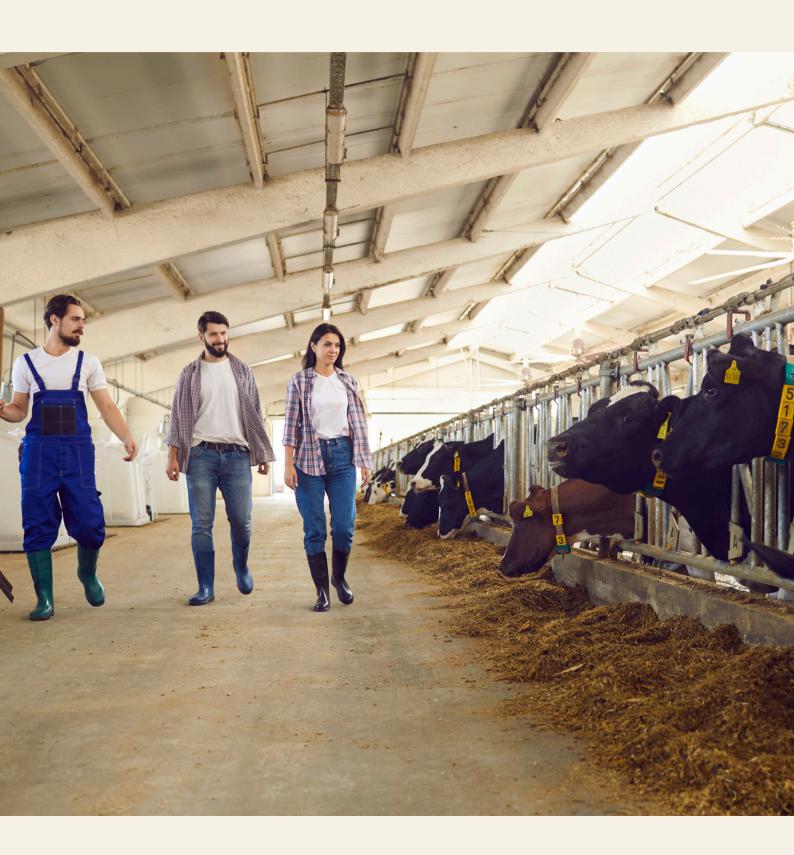
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# **Bovine Meat and Bone Meal**



#### **Product Description**

Product Name: Bovine Meat and Bone Meal

Intend to use: Animal feed

Composition: Bovine offal, heads and feet

Description: Bovine Meat and Bone Meal is a high-protein supplement produced from the rendering of beef bones and meat. It is commonly used in animal feed formulations to enhance protein content and provide essential nutrients.







#### Specification

Protein	50% Min
Moisture	10% Max
Fat	12% Max
Ash	37% Max
Pepsin Digestibility	85% Min

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# **Porcine Meat and Bone Meal**



#### **Product Describtion**

Product name: Porcine Meat and Bone Meal

Intend to use: Animal feed

Composition: Bones, meat tissues, and other soft tissue of pigs.

Description: Porcine meal is an animal protein source produced only out of porcine material from approved porcine slaughterhouses that produce meats for human consumption. The collection of the raw material is held under the supervision of veterinary authorities. Pork meal protein is used in pet food industry, animal farming and carnivorous feed industry. It is a high protein, low carbon feed ingredient. The product is free from any-kind of contamination

#### Specification

Moisture	Max 7%
Crude Protein	Min 50%
Crude Fat	Min 12%
Crude Ash	Max 35%
Pepsin digestibility	80%





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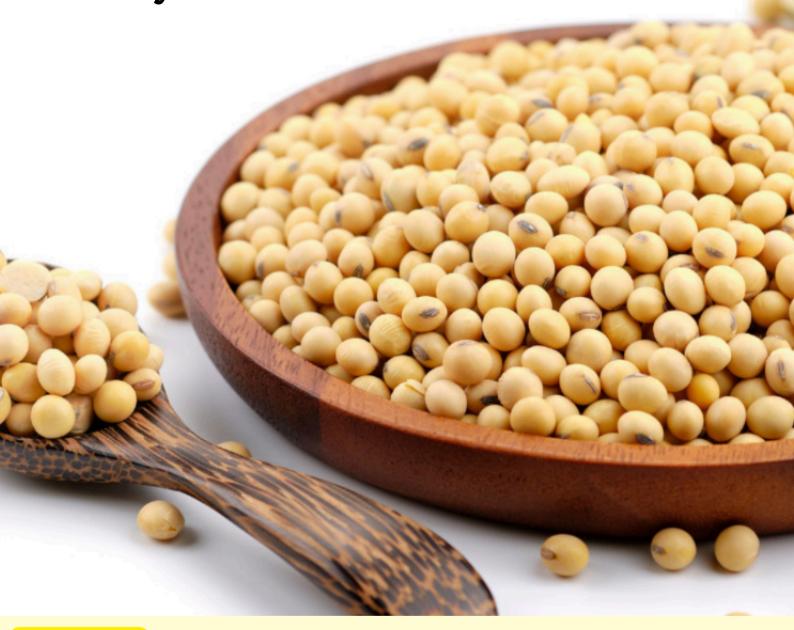
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# Soy Protein Concentrate



#### Describle

The Soy Protein Sustein is obtained from the removal of the carbohydrates present in the deffated soybean meal with alcoholic solution. Which concentrates the protein content.

The Soy Protein Concentrate is mainly used in aquaculture, being recognized as one of the best feed ingredientes for lowest anti-nutritional factors (ANF), highly digestible amino acids (AA) and high protein levels - minimum 60% content.

#### Charactertistics

Moisture	Max 10%
Fat	Max 2%
Crude Protein (As is basis)	Min 60%
Crude fiber	Max 6%
Crude Ash	Max 6.5%
Trypsin inhibitor activity (TIA)	Max 3.5 mg/g
Neutral Detergent Fiber	21.8%
Acid Detergent Fiber	10.8%



## Specification

Moisture	Max 125.00 g/kg
Ethereal Extract	Min 5000.00 mg/kg
Crude Protein	Min 460.00 g/kg
Solubility in KOH 0.2%	Min 800.00 g/kg
Mineral Matter	Max 60.00 g/kg
Urea Activity	0.05 pH - 0.03 pH
Insoluble in HCL	Maximum 5,000.00 mg/kg

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## Description

Fish Meal is a high-protein product made from whole fish or fish by-products (such as heads, bones, and fins). The production process usually includes cooking, pressing, drying, and grinding the fish material into a fine powder. Fish meal is used as a premium ingredient in feed for aquaculture (fish farming), poultry, pigs, and pets.



# Specification

Moisture	5.37%
Ash	21.75%
Raw Protein	62.11%
Fat	6.93%
TVN	144.85 mg/100g
FFA	3.38%
Histamine	<500 ppm
Salt and Sand	<5.0%
Sand alone	<2.0%
BHA/BHT Antioxidant	>150 pm





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# Feather Meal





# Decription

Feather Meal is a dark brown powder produced from hydrolyzed and dried poultry feathers, typically from chickens or ducks. It is a byproduct with a very high protein content, primarily used as an ingredient in animal feed (especially for livestock, poultry, and fish) or pet food.

# Specification

Protein	80% Min
Moisture	10% Max
Fat	10% Max
Ash	4% Max
Pepsin Digestibility	75% Min



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# LITHOTHAMNIUM

100% Vegetal Origin - High technology and Effeciency



# Description

Lithothamnium is a natural, premium-quality marine ingredient that can greatly enhance the nutritional profile of animal feed. Also known as red algae or marine calcium, it is rich in minerals, trace elements, and bioactive compounds, making it an excellent natural supplement for improving animal health, digestion, and overall performance.

Thanks to its highly bioavailable calcium and magnesium content, Lithothamnium is widely used in feed formulations for livestock, poultry, aquaculture, and pets.

#### **KEY FEATURE**

- High in natural calcium and magnesium
- Contains more than 70 essential trace elements
- Fine powder form for easy feed integration
- Acts as a natural buffer, helping balance pH in digestive systems or aquatic environments

#### APPLICATION IN LIVESTOCK

- Helps balance rumen pH
- Enhances mineral absorption and digestion
- Supports animals under nutritional or environmental stress
- Improves milk quality and productivity







#### APPLICATION IN AQUACULTURE

- Stabilizes water pH and reduces soil acidity
- Promotes beneficial microorganisms in pond ecosystems
- Increases survival and growth rates of shrimp and fish
- Enhances feed efficiency and water quality





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# Description

GMO Soybean Meal is a by-product obtained after the extraction of oil from genetically modified soybeans. It is widely used as a high-protein feed ingredient in the animal feed industry, especially for poultry, swine, aquaculture, and cattle.

The product is rich in digestible protein, essential amino acids (like lysine and methionine), and energy, making it an ideal and cost-effective source of plant-based protein for various animal species.

# Specification

Moisture	Max 125.00 g/kg
Ethereal Extract	Min 5000.00 mg/kg
Crude Protein	Min 460.00 g/kg
Solubility in KOH 0.2%	Min 800.00 g/kg
Mineral Matter	Max 60.00 g/kg
Urea Activity	0.05 pH - 0.03 pH
Insoluble in HCL	Maximum 5,000.00 mg/kg





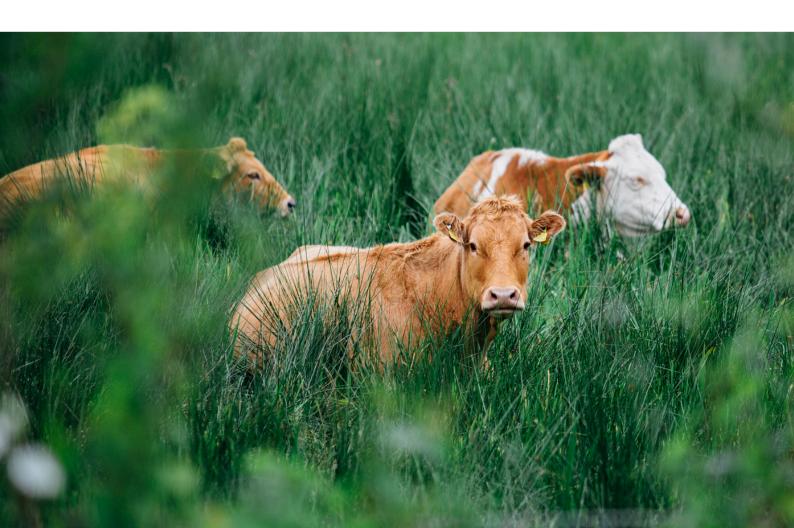
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# Bovine Blood Meal





## Description

Bovine Blood Meal is a high-quality, natural source of protein and essential minerals, especially calcium and phosphorus.

This ingredient is widely used in the feed industry as a valuable protein supplement for pet food, poultry, swine, aquaculture, and other non-ruminant animals.

# Specification

Moisture (Max)	10%
Crude Protein (Min)	80%
Mineral Matter (Max)	60%

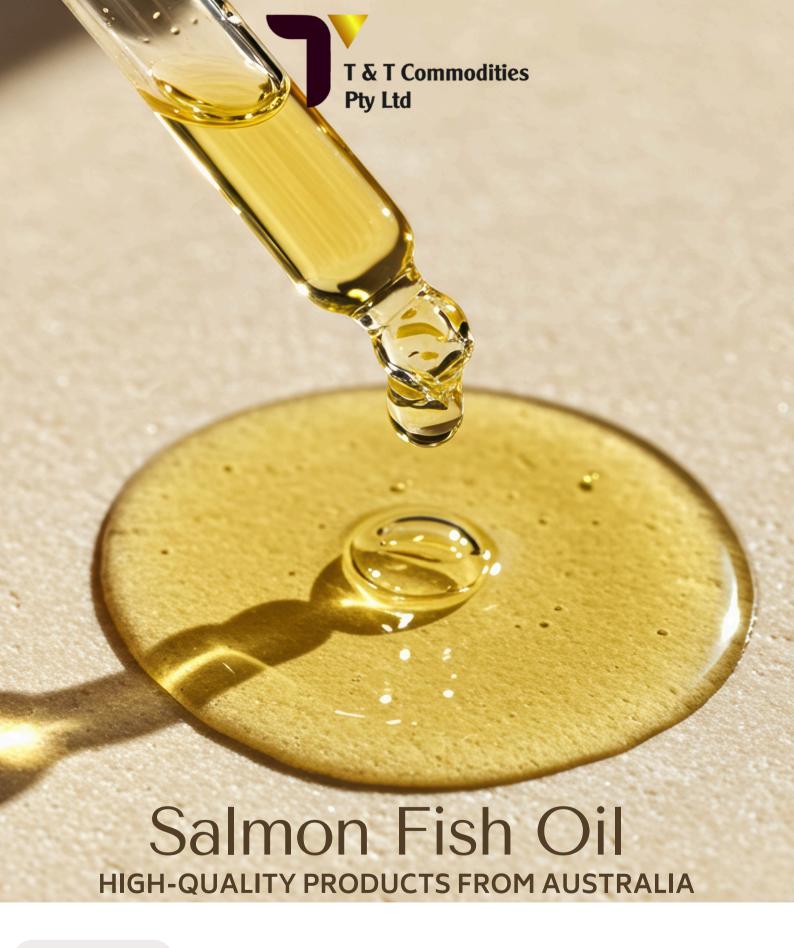
Parameter microbiological	Assurance Levels
Salmonella sp	Absence in 25g

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## Description:

Atlantic Salmon by-products from fish processing sites (wet processing and valueadded) and marine farms.

Raw material includes whole/part salmon, head, frames and viscera.



#### Physical Properties

• Colour: Orange/ Brown

• Texture: Free flowing liquid

• Aurona: Slightly Fishy odour,

no of odours

• Appearance: Clear liquid



#### Chemical Properties

Mositure/ Volatile Fraction%	< 2
Peroxide Value mEq/ kg	< 5
FFA%	< 5
Anisdine Value	< 10
Omega-3 %	12
EPA %	3
DHA %	5
Other	As per individual Customer Requirements



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