



Tilapia Hydrolysate Powder For Fish and Shrimp

PRESENTATION

a super premium **functional hydrolysate powder** designed for use in **aqua feed**.

This product is manufactured from **fresh tilapia co-products** (issued from aquaculture) carefully selected for their unique nutritional profile and superior attractiveness and whose freshness is guaranteed by a strict local supply chain control and a fast local production process.

Marine bioactive peptides are well known to have a direct action on key biological mechanisms (immuno-modulator, anti-microbial, hormone-like growth factor peptides...) allowing animal higher resistance to stress and pathogens thus leading to better health and survival.

Our marine raw materials are then submitted to our core hydrolysis process that guarantees adequate level of **free amino acids** and **bioactive peptides**. In addition to the animal health benefit, these low molecular weight compounds are easy to assimilate and quickly cross the intestine membrane leading to an improved feed efficiency and a faster growth.

BENEFITS

improve your feed formula by increasing:

- | | | |
|--------------------------------------|---|--|
| - Feed Palatability | → | Higher Feed Intake |
| - Feed Nutritional quality | → | Better FCR, Faster Growth |
| - Feed Bioactivity properties | → | Higher survival, Better Animal Health |



Tilapia Hydrolysate Powder For Fish and Shrimp

NUTRITIONAL ANALYSIS

PROXIMAL ANALYSIS

- Moisture:	3-6 %
- Protein:	75-80 %
- Fat:	7-15 %
- Ash:	4-9 %
- Crude Energy	5480 Kcal/kg

MINERALS*

- Calcium:	0.15 %
- Phosphorus:	0.34 %
- Sodium:	0.55 %
- NaCl:	1.22 %

DIGESTIBILITY *

- Pepsin Digestibility:	97 %
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PHYSICAL DATA *

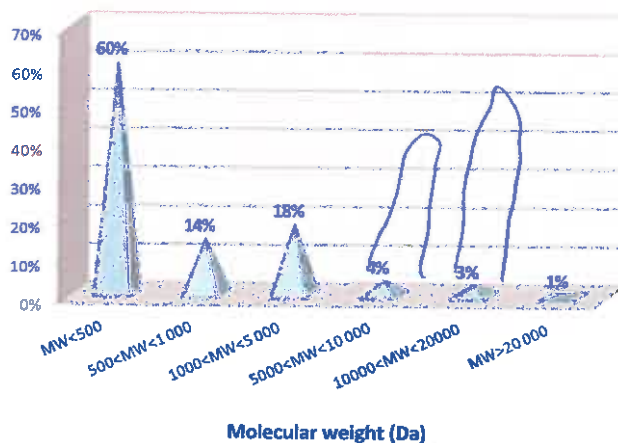
- Colour:	light brown
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PROTEIN QUALITY*

- Soluble Protein:	92 % of total protein
- Taurine:	0.8 % of product
- Hydroxyproline	2.2 % of product

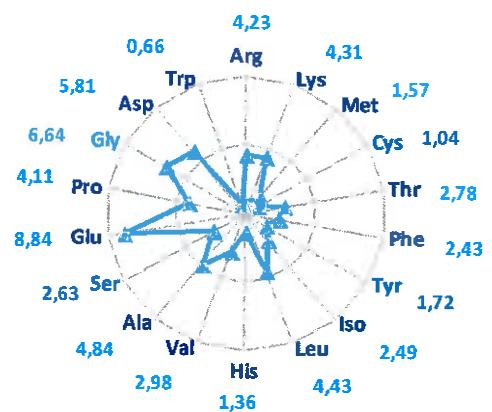
- Total Amino acids:	90 % of protein
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**Molecular weight repartition
(% of peptides)**



* Indicative values

**Main Amino acids
(% of product)**





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NUTRITIONAL ANALYSIS

FRESHNESS

Biogenic amines

- Histamine: < 500 ppm
- Putrescine: < 500 ppm
- Cadaverine: < 1000 ppm

SAFETY

Product doesn't contain any of above listed contaminants:

- Oxytetracycline
- Erythromycin
- Chloramfenicol
- Ciprofloxacin
- Enrofloxacin
- Emamectine Benzoate
- Abamectin
- Brilliant Green
- Green Malachite
- Florfenicol
- Flumequine
- Crystal Violet
- Leuco Crystal Violet
- Leuco Green Malachite
- Oxolinic Acid

FAT PROFILE*

- Phospholipids: 1.50-3.10 % of product

* Indicative values

BACTERIOLOGICAL ANALYSIS

- Salmonella: abs/25g
- Enterobacteria: < 300 CFU/g

HEAVY METALS

- Cadmium: < 2 ppm
- Arsenic: < 25 ppm
- Mercury: < 0.5 ppm
- Lead: < 10 ppm

RECOMMENDED USE

inclusion from 1 to 5% concentration in feed.

to be stored:

- at ambient temperature
- away from sunlight
- for up to 12 months following the date of manufacture

COMPOSITION

Tilapia hydrolysate; preservatives: citric acid (E330), ascorbic acid (E300); antioxidants: BHA (E320), propyl gallate (E310).

Not for human consumption – This data sheet was created to assist users. The data listed is based on general use only and is not intended to establish a binding contractual relationship