

AQUAZYMEFISH

PX040H

A fish aquafeed digestibility enhancer

PROPERTIES

- **AQUAZYMEFISH** enhances bioavailability of phytase-bound calcium, protein, amino acid and trace elements is a combination of efficient and purified enzymes with more than 17 complementary and completely compatible activities, such as phytase, especially designated for aquaculture feed. It improves the digestibility of the amino acids and increases the metabolizable energy of aquafeed containing corn and soya.
- **AQUAZYMEFISH**, contains phytase. Phytic acid included in feed grains (50-70% of contained phosphorus), which is not digested by fish because they do not have phytase. Phytase is an enzyme decomposing Phytic acid to produce phosphate and phosphate Inositol. Phytase supplementation of fish diets significantly improved digestibility of protein, calcium and phosphorus. Numerous publications and scientific studies have demonstrated the beneficial use of phytase on farmed fish
- **AQUAZYMEFISH** enables a better use of vegetal protein sources. Aquaculture species do not produce the necessary digestive enzymes for cereals such as wheat, rice, corn, contain long carbohydrate molecules, (Starch, Glucan, Xylan...) These carbohydrates might have also some anti nutritional properties (viscosity, encapsulation of nutrients).
- **AQUAZYMEFISH** allows the breakdown of long carbohydrate molecules into easily assimilated short chain molecules. This enables an increase in the dietary content of metabolizable energy and an improvement in the FCR.
- **AQUAZYMEFISH** helps to reduce significantly the environmental pollution reducing the phosphorus release in the water
- **AQUAZYMEFISH** is high temperature resistant

COMPOSITION (per kg of product)

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| - Phytases: 300 000 FTU/kg | - Pectinases: Polygalacturonases, Pectinesterases,... |
| - β Xylanases: 35 000 UI/Kg | - Protease: Aspartic proteases, Metalloprotéases, ... |
| - β Glucanases: 50 000 UI/Kg | - Others: Endo-1,4 β -mannanases, β -Mannosidases, ... |

USE AND PRESENTATION

- **AQUAZYMEFISH** is a powder form
- Dissolve **AQUAZYMEFISH** in water and then spray on pellets for coating at a rate of 500g of **AQUAZYMEFISH** per ton of feed, followed or not by high quality oil coating
- Store **AQUAZYMEFISH** in a cool place at below 25°C.

