



## DIGESTION BOOSTER !



### A natural enhancer of digestive and absorption processes based on lyso-phospholipids

Under production conditions, the digestive efficiency of fats and fat-soluble nutrients is influenced by multiple factors, including rearing temperature, fat composition, fatty acid profile, the presence of anti-nutritional factors and stress conditions. Therefore, there is a lot to gain by optimizing the digestive and metabolic processes involved in fat utilization.

#### The benefits of Aqualyso<sup>®</sup> STD

- ✓ Enhanced nutrient absorption and utilization
- ✓ Digestive and metabolic aid to compensate suboptimal culture conditions
- ✓ Cost-effective replacement of fat and lecithin



# How it works ...

## PROBLEM DEFINITION

Fats and fat-soluble nutrients are essential for fish and shrimp, and contribute significantly to the cost of aquafeed formulations. Do you use these nutrients in the most efficient way ?

## OUR SOLUTION

Optimizing digestive and absorption processes to maximize nutrient utilization

**Aqualyso® STD** is a digestive enhancer based on natural emulsifiers from vegetable origin.

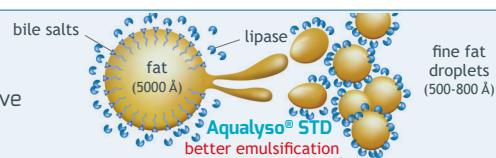
### Key features

- ✓ Enhanced oil/water emulsifying properties
- ✓ High ratio of bioactive components (lyso-phospholipids)
- ✓ Natural product
- ✓ Proprietary coating/agglomeration technology
- ✓ Excellent free-flowing characteristics

## MODE OF ACTION

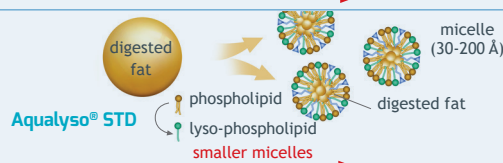
### 1 Enhanced fat digestion

Aqualyso® STD improves the emulsification of fat in the digestive tract, resulting in more active surface for the lipase to act.



### 2 Accelerated fat absorption

Aqualyso® STD stimulates the formation of smaller micelles which are more easily absorbed by the gut epithelium.



### 3 Improved nutrient absorption

Aqualyso® STD alters membrane permeability and fluidity, achieving a better absorption of fat soluble and small molecular weight nutrients.



## RESULTS

Overview of key trial results and research data

### % IMPROVEMENT VS CONTROL



## DOSAGE/APPLICATION

- 0.5 - 2 kg per MT of feed
- Top Up: supplement your formula with Aqualyso® STD to enhance energy and nutrient availability resulting in improved growth, FCR and protein efficiency
- Cost-effective, partial replacement of fats: 10 kg fat against 1 kg Aqualyso® STD (fish); 10 kg liquid lecithin against 1 kg Aqualyso® STD (shrimp)

Consult our aqua experts for specific recommendations per species.

## AQUACULTURE SPECIALTY PROGRAMS

HEALTH



DIGESTION



PALATABILITY



SPECIALTY NUTRITION



FEED QUALITY



FARM CARE



