



**MEGA**  
**SmartKELP**<sup>®</sup>  
*Natural Seaweed VIRUS inhibitor*



*Productos especializados de algas marinas  
El poder del mar en tus manos*

**MEGASmartKELP® is a Natural seaweed VIRUS inhibitor.**

**MEGASmartKELP®** is a concentrated 100 % seaweed Mix powder that due to its natural biochemical composition is a rich source of natural immuno-stimulants from seaweed, minerals and oligosaccharides. is an advanced-generation, organic, long thermo-reactive pellet immuno-stimulant with exceptional results at very low inclusion levels.

**MEGASmartKELP® IS A PRODUCT OF EXTENDED RELEASE OF IMMUNOSTIMULANTING**

### **MEGASmartKELP® COMPOSITION**

The main characteristic of **MEGASmartKELP®** is that it contains a high percentage of oligosaccharides (alginates, carragenan, agar-agar, laminaran, mannitol, and fucoidan) which are the reserve sugars of the seaweed, and also free minerals.

### **THE IMMUNO BENEFITS OF MEGASmartKELP®**

Fucoidan and Sulphated Carragenan works as a viruses inhibitors, fortifying the immunological system of the animals who consume it. Fucoidan is a complex molecule that has two fractions: U-fucoidan composed of sulfated sodium, xylose and guluronic acid (alginates), and L-fucoidan composed of fucose. **MEGASmartKELP®** is obtained in a process that uses the fresh seaweed immediately after harvest, conserving by this method, the U-fucoidan and Sulphated Carragenan in the concentrated powder. This fractions is of great value, since it has been proven as an effective viruses inhibitors for the animals, as it is the case of shrimp farming against the white spot syndrome virus (WSSV) (Takahashi et al 1998) and in dogs, helping to reduce the problems of intestinal parasites.

Mannitol and Agar-Agar has the capacity to improve the digestibility in the animals that consume it obtaining better assimilation of nutrients and optimizing protein consumption.

The health in pets is greatly improved by their digestion.

**MEGASmartKELP®** improves digestibility allowing the animal to take better benefits of the feed.

Laminaran works as an anticoagulant allowing a better blood flow in the animals. In addition, it is very important in the formation of the bones and carapaces for animals and crustaceans. Sulfated laminaran in salmons functions as a viruses inhibitors (Dalmo et al 1996).



#### *Recommendation of Use*

Fish and Shrimp feed: 2-4 kilos per ton of feed as Immuno-Stimulant. Other animals: 1 kilo per ton of feed to improve Digestibility.

#### *Applications*

Recommended to be added directly into the Mixer. For best results, ensure accurate addition and thorough mixing of the product.

#### *Appearance*

Is a brown/red light high hygroscopic powder with seaweed odor. Any Change in color of the product does not affect its performance.

#### *Stability*

Is stable for one year from the date of manufacture.

#### *Storage*

It should be stored in a cool, dry place away from sunlight. Keep the container closed when not in use. Is highly hygroscopic in nature and hence proper storage precautions are necessary.

#### *Packing*

Available in 50 kg polypropylene cloth bags inside a carton drum.

#### *Compatibility*

Compatible for use with all commonly used feed ingredients and premixes.

#### *Garanteed analysis and Biochemical composition*

Carbohydrates:	15-20 %
Moisture:	8-12 % max
Protein:	18-22 %
Sulfated	
Polysaccharides:	28-34%

*And all minerals and vitamins from seaweed*

# MEGA SmartKELP®

Natural Seaweed VIRUS inhibitor

is a 100 % natural product.

The typical analysis will vary due to naturally occurring fluctuations in the seaweed.

## SALES REPRESENTATIVE:



### Sales representative for ASIA China, Korea and Japan:

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