



Epicore BioNetworks Inc.

## **EPIFEED<sup>®</sup> ARTEMIA BLACK FLAKE** Hatchery Feed

### **PRODUCT DESCRIPTION**

**EPIFEED ARTEMIA BLACK FLAKE** is a high quality flaked hatchery feed for post larval shrimp. It complements Epicore's EPIFEED-LHF liquid larval feeds and supplements algae and Artemia that are typically used in larval rearing.

### **BENEFITS TO AQUACULTURE**

- Promotes optimum growth and survival of the larvae.
- Provides excellent tank water quality so minimizes the proliferation of pathogenic organisms.
- Promotes reduced requirements for disease treatments and water exchange when used with the other Epicore hatchery system of products.
- Completely replaces other dry diet.
- Provides economical production of large quantities of high-health larvae

### **MODE OF ACTION**

EPIFEED ARTEMIA BLACK FLAKE is formulated with the best quality proteins, olefinic lipids, phospholipids, carbohydrates, vitamins and micronutrients for a more readily digested feed. It is formulated to minimize leaching of nutrients and to maximize feed digestion and to maximize retention of delicate essential nutrients, micronutrients and palatability.

### **INGREDIENTS**

EPIFEED ARTEMIA BLACK FLAKE feed is comprised of marine protein, plant protein, vegetable carbohydrates, yeast, fish oil, vegetable oil, vitamins, minerals, pigments and antioxidants.

### **PRODUCT DATA**

#### **PROXIMATE ANALYSIS**

| <b>Parameter</b>      | <b>Value</b> |
|-----------------------|--------------|
| Protein (%)           | 50           |
| Lipid (%)             | 13           |
| Ash(%)                | 14           |
| Fiber (%)             | 3            |
| Moisture (%)          | 5            |
| Protein (% dry basis) | 55           |
| PUFA (%)              | 2            |
| HUFA (%)              | 2            |

## Epicore BioNetworks Inc.

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### IMPORTANT NOTICE TO PURCHASER

"Epicore BioNetworks, Inc. ("Epicore") warrants that the product conforms to its compositional description and is reasonably fit for the purpose stated on the label when used in accordance with the label instructions under normal conditions of use. There are no other express or implied warranties, whether as to merchantability, fitness for any use, or otherwise, given in respect of the product. Neither Epicore nor its agents shall be liable for any damage, loss, or injury, whether the same arises directly or consequentially, by reason of any matter whatsoever relating to the use of the product, and any buyer's or user's exclusive remedy in any instance shall be limited to a refund of the purchase price paid."

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### TREATMENT SUGGESTIONS;

- Avoid over and under feeding by frequently observing larval health, quality and feeding rate to adjust feed quantity.
- Increase feed quantity for at water temperatures above 28°C.
- Adjust rate for Artemia used and animals present.

**APPLICATION TESTING:** Trials were run on EPIFEED ARTEMIA BLACK FLAKE in Ecuador in July 2011. *Penaeus vannamei* PL were fed Epicore black flake at 15% of total diet. After two days, there the animal gut was full, as the following picture shows:



**PRODUCT PURITY:** Today, food crop producers must be able to trace all the ingredients used in their production. They are especially concerned with certain impurities. Epicore can certify that EPIFEED ARETMIA BLACK FLAKE feeds do not contain any: fungus, Salmonella, Shingella, shrimp byproducts, antibiotic residues or YHV, WSSV or TSV virus.

**PRODUCT STORAGE:** Do not store continuously at temperatures above 40°C; keep dry; store out of direct sunlight in a well ventilated area.

**SHELF LIFE:** two years if stored as recommended.

**PACKAGING:** Supplied in 12.5-gallon fiber drums with polyethylene liners, containing 5-kg net weight and in 5-gallon open head polyethylene pails containing 3-kg net weight