

Ω-BOOST

Concentrated HUFA emulsion for Artemia enrichment

Omega-Boost is a stable emulsion that contains all the necessary nutrients to complete the nutritional profile of Artemia nauplii. Purified oils with high levels of selected fatty acids are blended with fat-soluble vitamins and natural astaxanthin pigments, which have both in-vitro and in-vivo antioxidant properties, protecting not only the sensitive lipids in the product, but also in the tissues of fish and shrimp larvae.

- ◆ DHA/EPA ratio of minimum 5 for an efficient fatty acid balance modulation
- ◆ Strong boost with fat-soluble and antioxidant vitamins
- ◆ Excellent emulsifying properties (easy mixing)
- ◆ Major improvement of hatchery efficiency
- ◆ Ready-to-use

ENRICHMENT INSTRUCTIONS

Artemia can be enriched starting from Instar II nauplii.

For optimal efficiency, apply Omega-Boost for a 20-24 hours lipid enrichment at 600 g/m³ (0.6 g/l), at maximum density of 500 Artemia nauplii/ml. Either in 1 application of 600 g/m³ at the start or divided over 2 applications (300 g/m³ at the start and 300 g/m³ after 8 hours).

Before applying the required amount of Omega-Boost to the enrichment tank, blend the Omega-Boost at a concentration of 150 g/l in freshwater of 30-35°C for about 1-2 minutes.

Harvest and gently rinse the Artemia nauplii before feeding them to fish or shrimp larvae.

OPTIMAL ENRICHMENT CONDITIONS

| | |
|--------------|---|
| Density: | 400 - 500 Artemia nauplii per ml |
| Salinity: | 25 - 40 ppt |
| Temperature: | 26 - 28°C |
| Oxygen: | > 4 ppm |
| Aeration: | Abundant aeration to keep the nauplii in suspension |

STORAGE CONDITIONS FOR ENRICHED ARTEMIA

| | |
|--------------|--------------------------------|
| Oxygen: | 4 - 6 ppm |
| Density: | < 5,000 Artemia nauplii per ml |
| Salinity: | 25 - 40 ppt |
| Temperature: | 4 - 8°C |

COMPOSITION & ANALYSIS

Composition: fish oil, refined marine oils, water.

| | |
|----------------|---------------|
| Crude fat: | 66.0% |
| Crude protein: | 0.1% |
| Crude ash: | 0.8% |
| DHA (22:6ω3): | 270 mg/g DW |
| EPA (20:5ω3): | 50 mg/g DW |
| ARA (20:4ω6): | 20 mg/g DW |
| Vitamin A: | 150,000 IU/kg |
| Vitamin D3: | 15,000 IU/kg |
| Vitamin E: | 3,600 mg/kg |

STORAGE

Store in a cool and dry place (max. 20°C). For prolonged storage, refrigeration (max. 6°C) is advised.

After opening store refrigerated (max. 6°C) and use within 1 month.

Do not freeze.

AVAILABLE PACKAGING

Bottle of 1kg



Detail of Omega-Boost oil droplets