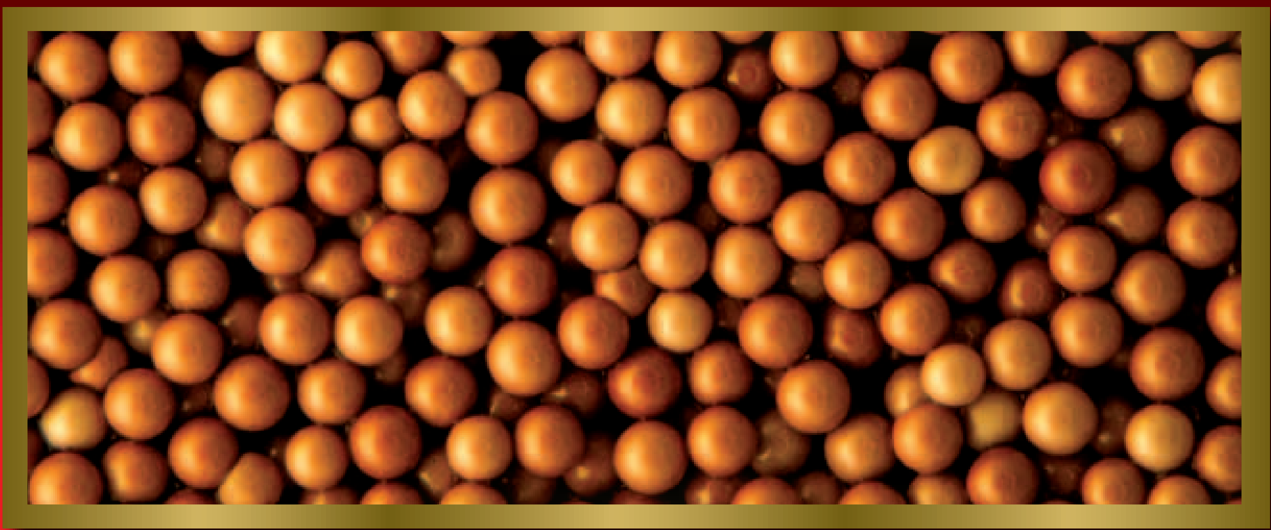
OCEAN NUTRITION™

Preserving Life and Beauty through Nutrition

MICRO ARTEMIA CYSTS



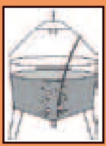
- Very small Artemia nauplii for first feeding of delicate marine fish larvae
- Total Omega-3 HUFA: > 15 mg/g dry weight
- Naturally rich in the essential highly unsaturated fatty acid EPA
- Extremely high, fast and synchronous hatching
- Hatching efficiency up to 300 000 nauplii per gram and more

USE

TANK PREPARATION

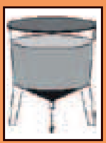
- Use a clean tank with a conical shaped bottom.
- Install an open airtube near the bottom of the tank.
- Install a light source on top of the tank.
- Fill with clean seawater of salinity 25 - 35 g/l.

OPTIMAL HATCHING CONDITIONS



- Temperature: 25 - 29°C (77,0 - 84,2 °F).
- Aeration: sufficient enough to keep the cysts in suspension.
- pH: 7,8 - 8,5.
- Incubate maximum 2g of cysts per liter of seawater.

HATCHING AND HARVEST



- Under optimal conditions, the hatching will be completed within 16 - 18 hours to obtain the optimal prey size.
- Stop aeration and remove light source.
- After 10 minutes, drain or siphon the nauplii from the bottom.
- Wait 15 minutes more and harvest the remaining nauplii.

DECAPSULATION

Thanks to the extremely good hatching percentages of more than 95%, there is no need to decapsulate.

BIOMETRICS

- Instar I nauplii size: +/- 430 micron
- Cyst diameter: +/- 230 micron

430 micron
Instar I nauplii
Micro Artemia Cysts

600 micron
Instar I nauplii
GSL Artemia Cysts

PACKAGING

- Alufoil bags of 0,5 kg

STORAGE

The package should be maintained carefully closed. For optimal storage, it is advised to keep the product in a cool and dry place. The hatching percentage can be influenced by temperatures above 4°C (39 °F).

COMPOSITION

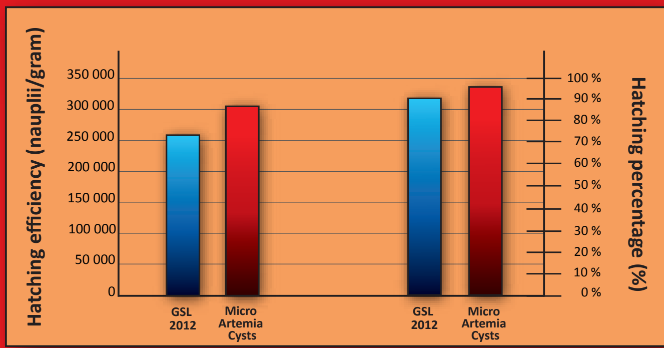
Crude protein	54 %
Crude lipids	11 %
Crude ash	5 %
Moisture	6 %

TYPICAL PERFORMANCE

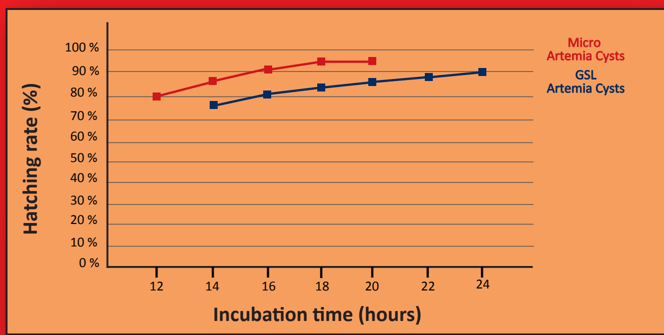
Micro Artemia Cysts are very small, fast hatching cysts. Under optimal conditions, the hatching will be completed within 16 - 18 hours to obtain the optimal prey size.

1. Hatching efficiency

Hatching 1 gram of Micro Artemia Cysts results in more than 300 000 nauplii.



The time needed for 95% of the cysts to hatch out is approximately 18 hours.



2. Enrichment kinetics

We do not recommend to enrich, as the instar I nauplii naturally contain more than 15 mg/g dry weight of highly unsaturated fatty acids (mainly EPA).

Another benefit of this product is that the instar I nauplii have a length of +/- 430 micron, which is ideal for first feeding of small and/or delicate fish larvae. Therefore enrichment is not advised, as this procedure will enlarge the length of the nauplii very fast.

www.oceannutrition.eu

Ocean Nutrition Europe, Rijkmakerlaan 15, 2910 Essen, Belgium, Tel: +32 3 677 02 10, info@oceannutrition.eu

Marine Nutrition Co., Ltd., 354 Moo 1 Rangrotfaisaigaow Road, Tambon Sumrongtai, Amphur Prapradeang, Samutprakarn 10130, Thailand, Tel: +66 2 394 03 25