



# MICRO ARTEMIA CYSTS



- ◆ *The smallest available Artemia nauplii for first feeding of delicate 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 >95% (300 000 npg and more)*

## MICRO ARTEMIA CYSTS

- Fast hatching (completed after only 16 - 18 hours)
- Small nauplii (+/- 430 micron) compared to GSL nauplii (+/- 550 micron)
- Ideal for first feeding of delicate fish larvae
- Naturally rich in EPA



## HATCHING INSTRUCTIONS

### Tank preparation



Use a clean tank with a conical shaped bottom.



Install an open airtube near the bottom of the tank with sufficient aeration to keep the cysts in suspension.



Apply strong illumination on top of the tank.



Fill with clean seawater of salinity 25 - 35 gram/liter.

### Optimal hatching conditions



Temperature:  
28 - 30°C (82.4 - 86.0°F).



pH: 7.5 - 8.5.



Density: 1.5-2.5 gram of cysts per liter of seawater.

### Hatching



Under optimal conditions, the hatching will be completed within 16 - 18 hours to obtain the optimal prey size.

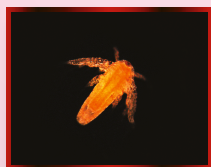
### Harvest



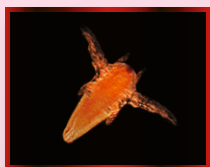
- Stop aeration and remove light source.
- After 10 minutes, drain or siphon the nauplii from the bottom.
- Wait 15 minutes more and harvest the remaining nauplii.

## BIOMETRICS

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



430 micron  
Instar I nauplii  
Micro Artemia Cysts



550 micron  
Instar I nauplii  
GSL Artemia Cysts

## SUSTAINABILITY

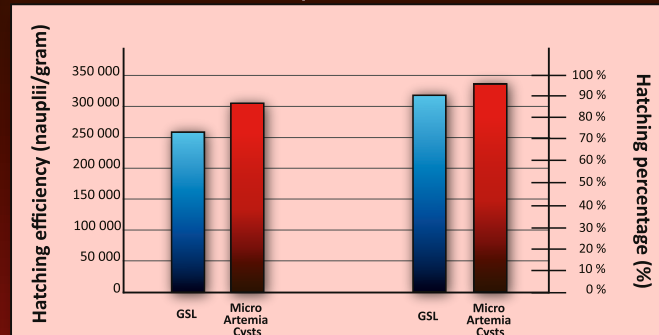
Micro Artemia Cysts are not harvested from the wild but sustainably produced under properly managed aquaculture pond conditions.

## TYPICAL PERFORMANCE

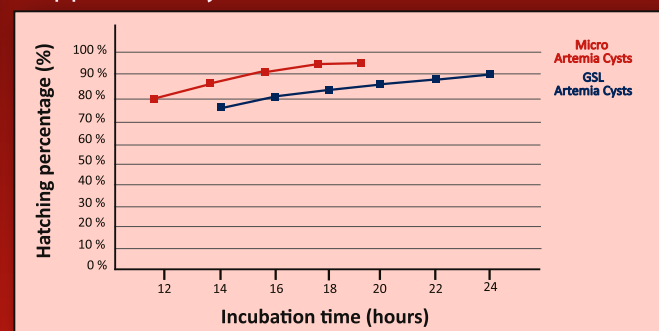
Micro Artemia Cysts are very small, fast hatching cysts. Under optimal conditions, the hatching will be completed within 16 - 18 hours to obtain the optimal prey size.

### 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 enriching the Micro Artemia nauplii, as the instar I nauplii naturally contain more than 15 mg/g dry weight of highly unsaturated fatty acids (mainly EPA).

The main benefit of Micro Artemia Cysts is that instar I nauplii have a length of only +/- 430 micron, which is ideal for first feeding of most demanding and/or small mouth fish larvae. Therefore enrichment is not advised, as this procedure will increase the length of the nauplii very fast.

## COMPOSITION

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

## PACKAGING

- Cans of 454g

## STORAGE

The package should be maintained carefully closed.

For optimal storage, it is advised to keep the product in a cool and dry place below 6°C (43°F). Temperatures above 6°C can influence the hatching results.

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