OCEAN AQUACULTURE

BRINE SHRIMP EGGS

- *Premium Artemia Cysts from the Great Salt Lake*
- *Ideal diet for first feeding of aquacultured fish and shrimp larvae*
- *Selected according to hatching characteristics and enrichment kinetics*
- *Consistent quality and certified output*

BRINE SHRIMP EGGS

- Premium Artemia Cysts from the Great Salt Lake
- Consistent quality and certified output
- Simultaneous hatching
- High enrichment kinetics

+ SEP-ART

- Sep-Art technology results in a complete separation giving 100% pure, vivid nauplii and maximum yield
- A safe, low-impact method to remove unhatched cysts and shells
- To be used only in combination with an innovative separation tool

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 24 hours.

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.

For Sep-Art Brine Shrimp Eggs; a separation tool can easily be submerged in the suspension of nauplii. Empty cyst shells and unhatched cysts are attracted to the magnet. Rinse the magnet and repeat the separation until all cysts and shells are collected and a pure nauplii suspension is obtained.

SUSTAINABILITY

We are committed to the sustainability of this natural resource through dedicated conservation and responsible harvest management.

Over 20 years ago, the State of Utah, in partnership with the Artemia industry, implemented a science-based management system aimed at optimizing the Artemia population and cyst production, resulting in a stable and sustainable supply of quality Artemia Cysts from the Great Salt Lake.

INFO

Great Salt Lake Artemia Cysts are easy to hatch and guarantee a hatch rate above the indicated value.

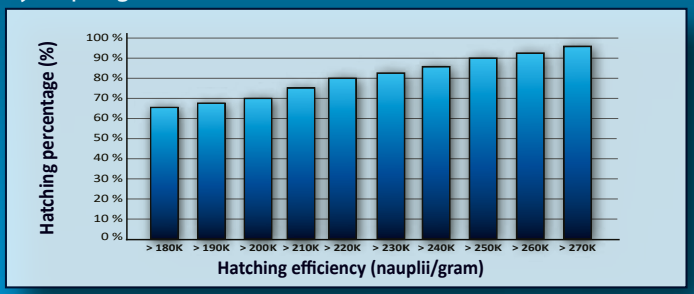
Each processed batch is thoroughly screened to guarantee the absence of aquaculture pathogens.

Each harvest is subjected to extensive fingerprinting to categorize all important characteristics and parameters such as hatching and enrichment kinetics, separation, fatty acid profile, decapsulation, biometrics, ...

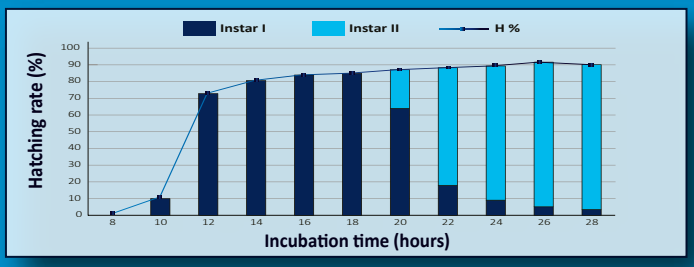
TYPICAL PERFORMANCE

1. Hatching percentage vs hatching efficiency

Typical cyst count of GSL Artemia Cysts is +/- 285.000 cysts per gram.



2. Instar I / II ratio



The typical time needed for 90% of the cysts to hatch out is approximately 19 hours, resulting in a typical Instar I / II ratio of 90 / 10.

After 24 hours the typical Instar I / II ratio is 10 / 90.

For hatcheries that wish to harvest predominantly Instar I nauplii, harvesting should be performed at 18 hours.

COMPOSITION

Crude protein	55 %
Crude lipids	12 %
Crude ash	4 %
Moisture	8 %

PACKAGING

- Cans of 454g
- Also available in bulk packaging

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.

DISTRIBUTOR
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