

CryoPlankton Small

SPECIESStage 1 nauplius (*balanus crenatus*)**SIZE**

Length 200µm/Width 100µm

What is CryoPlankton?

CryoPlankton will allow you to replace live feed cultures with natural marine plankton, live off-the-shelf product of better nutritional quality. It will simplify the production process in hatcheries, reducing risk and increasing biosafety, while improving fry quality and increase FCR in growth cages.

Optimal feed for optimal growth

**BIOSAFETY**

CryoPlankton has an unparalleled biosecurity compared to other live feeds. Pathogenic viruses, parasites and bacteria, like the opportunistic *Vibrio* spp., have never been detected in CryoPlankton.

**HIGH QUALITY NUTRITION**

The nutritional value of CryoPlankton is far superior to other live feed, due to high proportions of the marine fatty acids DHA/EPA in their phospholipids.

**EASY TO USE**

The whole process takes about one hour each day. There is no need for cultivation, live algae, algae paste or other food items for the nauplii before being fed to the fish larvae.

**CONSISTENCY**

A standardized product gives predictability and consistent results in your hatchery.

How to use CryoPlankton

1. ORDER

Using CryoPlankton is extremely easy. You simply order the desired amount of nauplii from Planktonic. We ship the containers to your hatchery in due time for the first feeding of your larvae.

2. PREPARE

Preparing the live feed is done in a few simple steps, you just collect the frozen nauplii from the container and revitalize them in seawater. The nauplii will then resume their normal swimming activity, ready to be fed to the fish larvae.

3. FEED

The whole process takes about one hour each day. There is no need for cultivation, no need of live algae, algae paste or other food items for the nauplii before being fed to the fish larvae.

NUTRITIONAL CONTENT	
Average content in g/100 g dry weight	
Protein	67
Lipid	11
Ash	12,5
Typical fatty acid content (% of total fatty acids)	
DHA	22
EPA	25
Total saturated fatty acids	18
Total monounsaturated fatty acids	19
Total polyunsaturated fatty acids	62
Total omega-3 fatty acids	50

PACKAGING

CryoPlankton is frozen in 12 g pellets, stored in an easy-to-ship cryogenetic dewar. Each dewar contains 80 kg CryoPlankton, approx. 4 bill. nauplii.

SHELF LIFE / STORAGE

CryoPlankton is stored in liquid nitrogen at -196°C and have unlimited storage time. Liquid nitrogen will evaporate and the container/dewar has to be refilled on a regular basis.

LOT NUMBER

Each package or container is marked with a lot number, securing traceability of harvesting location, date of harvest and detailed information about the preservation procedure.

PLANKTONIC AS

Planktonic AS is a Norwegian company dedicated to the development and production of live feed for the aquaculture industry. Founded in 2008, based on extensive research into marine zooplankton combined with a thorough understanding of the nutritional needs of marine species, the company aims to be a recognized leader within its market. Planktonic is supervised by the Norwegian Food Safety Authority, registration number NO13051054.



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