



proviron
chemistry between us

CHAETOPRIME

Premium freeze dried *Chaetoceros muelleri*

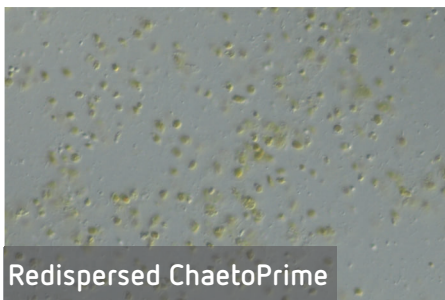


CHAETOPRIME PRODUCT LEAFLET

Product facts	%
Crude protein	40%
Total lipids	15%
Crude ash	29%
n-3 HUFA	1%
# cells/g	$2-3 \times 10^{10}$
Cell size	4-8 μm

Product features

- Off the shelf available, easy to use
- Single cell dispersion
- Remains in the water column
- No fouling
- Guaranteed pathogen free



Application

ChaetoPrime is the ideal microalga to feed the zoea and mysis stages of marine shrimp larvae as well as the early stages of bivalve larvae.

ChaetoPrime is a small diatom with a balanced and optimal nutritional composition providing the necessary HUFA's for these early larval stages.

ChaetoPrime can be used in combination with **IsoPrime** and/or **NannoPrime** to improve larval performance.

ChaetoPrime is the easy-to-use back-up alternative for your live algae, available off the shelf at any time.

Product use

Add the required amount of **ChaetoPrime** in seawater (up to 50g/L). Create a vortex first and then slowly add the **ChaetoPrime** to the water. Blend during 1 minute with a blender. Leave the product to rehydrate for 5 min and blend for another minute. Blend another 30 seconds for every 10 g of resuspended material. The homogenised feed can be stored up to 48 hours at maximum 4 °C. Shake before use.

Shrimp larval feeding: feed between 2-3 grams/1000L daily from Zoea1 onwards and gradually increase the dose. Dosing depends on your required number of cells/ml and will vary according to environmental conditions and larval densities.

Bivalve larval feeding: as (partial) replacement to your live algae. Based on the required amount of cells/mL, calculate the daily quantity in grams needed to feed the larvae.

Process, storage & shelf life

ChaetoPrime is produced under the most stringently controlled conditions in Proviron's proprietary, closed vertical panel photobioreactor system. It is further processed by means of filtration and freeze drying. HACCP and FCA certified.

The product is packed under protective atmosphere in light tight alubags and has a shelf life of 2 years when stored in dry conditions.