



proviron
chemistry between us

ISOPRIME

Premium freeze dried *Isochrysis* 'Tahitian' strain



ISOPRIME PRODUCT LEAFLET

Product facts	%
Crude protein	40%
Total lipids	24%
of which phospholipids	19%
Crude ash	17%
DHA (22:6 n-3)	1,8%
Fucoxanthin	1200mg/kg
α -tocopherol	575 mg/kg
# cells/g	$4-8 \times 10^{10}$
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

IsoPrime is the perfect product for green water treatment - direct addition to the fish and shrimp larval tanks improves larval performance, reduces stress, controls the bacterial environment and maintains the nutritional value of live prey.

IsoPrime is also the ideal DHA enrichment product for rotifers providing all the necessary nutrients needed to obtain the optimal composition to feed your fish larvae.

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

Product use

Add up to 50 g IsoPrime per liter seawater. Create a vortex first and then slowly add the IsoPrime to the water. Blend during 1 minute with a blender. Leave the product to rehydrate for 5 min and blend again for 1 minute. Blend another 30 sec for every 10 g suspended. The homogenised feed can be stored up to 48 hours at maximum 4 °C. Shake before use.

Green water: depending on the required number of cells/mL it is advised to use between 1-5 grams/1000L daily.

Rotifer culture boost: addition at up to 20% to our NannoPrime rotifer culture diet will boost rotifer growth performance. Consult our rotifer manual for more details. Do not use as a stand-alone rotifer culture diet.

Rotifer enrichment: as replacement to your live algae, based on the required amount of cells/mL, calculate the quantity in grams needed to enrich the rotifers. High rotifer densities are possible due to no fouling of the tanks. A minimum of 2 hours of enrichment is advised.

Process, storage & shelf life

IsoPrime is produced under the most stringently controlled conditions in Proviron's proprietary, closed vertical panel photobioreactor system. Subsequent centrifugation and freeze drying. HACCP and FCA certified.

The product is packed under protective atmosphere in 10, 100 and 250 grams light tight alubags. The shelf life is 2 years when stored in dry conditions.