



premium freeze dried  
**MICRO ALGAE**  
nourishing the blue economy

# IsoPrime

premium freeze dried *Isochrysis* 'Tahitian strain'

**IsoPrime** is the ideal product for green water treatment - direct addition to the fish, shrimp or bivalve 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



# 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%
# cells/g	4-6 x10 <sup>10</sup>
Cell size	4-8 µm

## product features

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

## process, storage & shelf life

IsoPrime is produced under the most stringently controlled HACCP and FCA certified conditions in Proviron's proprietary, closed vertical panel photobioreactor system followed by subsequent low shear centrifugation and an optimized in-house freeze-drying process.

The product is packed under protective atmosphere in light tight aluminum bags. The shelf life is 3 years when stored in dry conditions.

## product use

Pour one liter of seawater into a blender and add up to 50 g IsoPrime. 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 homogenized feed can be stored up to 48 hours at a maximum of 4°C. Shake before use.

**Green water:** depending on the required cell count (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.

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