



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

# TetraPrime S

premium freeze dried '*Tetraselmis suecica*'

**TetraPrime S** is the product of choice to fight 'zoea syndrome' in penaeid shrimp larvae. It suppresses the growth of *Vibrio* spp. at all life stages (broodstock to post-larvae) and results in increased growth and survival.

**TetraPrime S** is an excellent feed for sea cucumber larvae and is used in combined diets for broodstock, late planktonic and post-set larvae of bivalves.

Used in a bispecific diet (e.g. with NannoPrime), TetraPrime S will improve rotifer growth and increase egg ratio. TetraPrime S is the easy-to-use back-up alternative for your live algae, available off the shelf at any time.



# TetraPrime S - product leaflet

## product facts

|               | %                      |
|---------------|------------------------|
| Crude protein | 36%                    |
| Total lipids  | 12%                    |
| Crude ash     | 18%                    |
|               |                        |
| # cells /g    | 2-3.5 x10 <sup>9</sup> |
| Cell size     | 10-16 µm               |

## product features

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

## process, storage & shelf life

TetraPrime S 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

Add up to 50 g TetraPrime S per liter of seawater. TetraPrime S will easily disperse upon gentle agitation using a magnetic stirrer. (If no magnetic stirrer is available, use a kitchen blender. Blend for 1 min prior to and after rehydration.) Allow to hydrate for 5 min. The homogenized feed can be stored for up to 48 hours at a maximum of 4°C. Shake before use.

**Shrimp larviculture:** Starting from zoea 1 stage, add the appropriate volume of the prepared TetraPrime S suspension depending on the required number of cells/mL. Typically add up to approx. 5 grams/1000L daily.

**Bivalve cultivation:** Start feeding TetraPrime S at a larvae size of ~120 µm. Add the appropriate volume of the prepared TetraPrime S suspension depending on the required number of cells/mL.

**Rotifer culture:** Stock rotifers at 250-1000 rotifers/mL. Add TetraPrime S at an inclusion of 20-30% to a total feed of 0.385 g/million rotifers/day.

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