

Reference

PLEXIGLAS®

Micro-Algae production in PLEXIGLAS® tubes



Product

PLEXIGLAS® XT Tubes Clear
Diameter: 90/84
Length: 6.000 mm

Location

Cádiz, Spain

Fabricator

Electro Mecánica de Mantenimiento 2000

Selection criteria

- Light transmission
- Smooth surface
- Durability, service life

Description of the application

Fitoplancton Marino is the global leading producer of micro-algae for human consumption. It is the first company which achieves the Novel Food certification, thus being a cosmetic and aquaristic expert.

The company has implemented a new industrial control with an innovative production system based on the culture's recirculation by using the air at a low pressure, thereby tripling its production and saving 50% of the energy.

The PLEXIGLAS® XT tubes have a light transmission of 92% so the algae have good conditions for growing. Also, the reduced roughness of its surface minimize the fouling and the micro organisms adhesion, so that the tubes remain cleaner during the cultivation.

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