



POWER OF THE SEA

Marine phytoplankton (microalgae) have survived for more than 2.5 billion years in extremely harsh and competitive environments, they have developed survival strategies based on the synthesis of antioxidant and high protection compounds that represent a natural barrier against external agents.



Thanks to its process, adjusted under specific conditions, Fitoplancton Marino has been able to capture the same bioactive compounds that these organisms use, creating a unique extract for dermocosmetic: **Easyalgae® Plankton Extract (EaP-E)**

These organisms are unicellular species coming from monoalgal cultures that have been grown under controlled conditions to obtain active biomolecules.

Each of the microalgae species used in our extract has its specific dermocosmetic function, based on **bioactive compounds**: peptides, β -glucans, polysaccharides, vitamins (B12, C, E), carotenoids such as β -carotene, omega-3 fatty acids and the molecule with the highest known antioxidant activity, **SOD (superoxide dismutase)**.

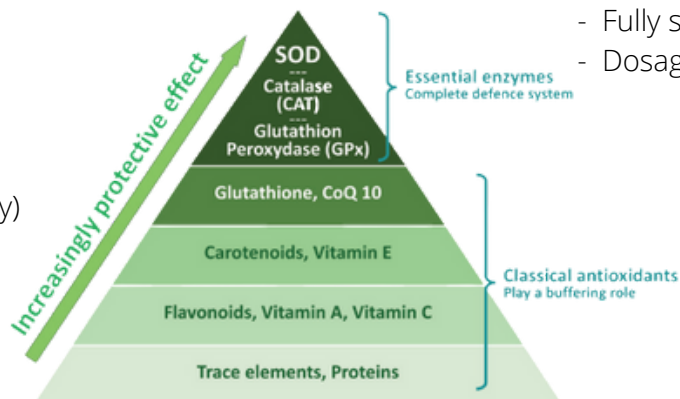
EasyAlgae unique composition (Dunaliella salina, Isochrysis galbana, Nannochloropsis gaditana, Phaeodactylum tricornutum, Tetraselmis chuii) allow to regulate more than 10 different skin metabolic process with a **bioactivity up to 100-fold higher than any other algae extract**.

In- Vitro and In-Vivo evidences

- Antioxidant enhancer
- Anti-inflammatory
- Hydration
- Cell proliferation and angiogenesis
- Wound healing
- Modulator of apoptosis pathway
- Anti-wrinkle (inhibiting elastase activity)
- Improvement of ageing spots and pigmentation
- Anti-cellulite

Key Facts

- Unique compositions
- Fully soluble in water
- Dosage 0.5-2%



Cosmetic Applications

- **Creams** for an immediate and long-lasting hydration
- **Serums**, thanks to its antioxidant, anti-wrinkle and regeneration capacity
- **Formulations** for **atopic** dermatitis and other skin disorders
- **Treatments** for skin hyperpigmentation and vitiligo because of its high content in vitamin B12
- **Body creams** for anti-cellulite treatment