



NATURA-TEC MARINE BLUEVITAL C

Anti-wrinkle active

PROPERTIES

NATURA-TEC MARINE BLUEVITAL C is an advanced and highly effective active ingredient obtained by our Bio-Technology Center via sophisticated cultivation and extraction techniques of **MICROALGAE** organisms.

MICROALGAE represent 99.9% of marine organisms and are the first link in the energy chain of the oceans. They ensure the functioning of major biological cycles and the maintenance of biodiversity on earth.

MICROALGAE are produced with an industrial photo-bioreactor system, geared by an integrated self-contained and sustainable energy process.

Despite their small size, micro-algae offer an impressive concentration of beneficial ingredients for the skin. Based on cylindrotheca diatoms, **NATURA-TEC MARINE BLUEVITAL C** is a concentrate of carotenoids, essential fatty acids and sterols with proven anti-wrinkle activity.

NATURA-TEC MARINE BLUEVITAL C is a powerful anti-wrinkle active, which strongly stimulates production of structural skin proteins.

In vitro tests showed the capacity of our **NATURA-TEC MARINE BLUEVITAL C** to stimulate cellular proliferation and ex-novo synthesis of collagen. The treatment of skin fibroblasts with **NATURA-TEC MARINE BLUEVITAL C** significantly increased collagen synthesis by **+19,3% at 2%, in only 24h**, compared to an untreated control cell culture.

Already at 0,5%, there is a gradual increase of up to **+17,2%** of the collagen synthesis after 72h, compared to untreated cells.

In vivo tests carried out with a formulation containing 1,5% of **NATURA-TEC MARINE BLUEVITAL C**, show a significant and visible anti-wrinkle activity. In 2 months **the wrinkle depth decreases by 10,4%, and the wrinkle volume decreases by 12%** when compared to skin condition before treatment.

Additionally, the volunteer panel confirmed a dramatic improvement of the elasticity, hydration and softness of the skin.

NATURA-TEC MARINE BLUEVITAL C is a key ingredient that helps strengthen skin while restoring its natural suppleness, radiance and beauty.

COSMETIC APPLICATIONS

Advice for use : Introduce at the end of the formulation either in O/W or W/O system during the cooling step.

Skin care (0,2 – 2,0%) Anti-ageing and moisturising creams, daily cream
In all kind of products (sun care, make up ...) for a "Blue" anti-ageing / anti-wrinkle claim.

TECHNICAL DATA

Appearance: Yellow to orange liquid

INCI Caprylic/Capric Triglyceride (and)
Cylindrotheca Fusiformis Extract