



FucoRevive™

INCI: Phaeodactylum tricornutum Extract

FucoRevive™ is a natural, marine-derived bioactive ingredient extracted from Phaeodactylum tricornutum, a brown microalgae species known for its production of fucoxanthin, a powerful carotenoid. Carotenoids like fucoxanthin are essential to the survival of microalgae, as they absorb excess light energy, protect cells from photo-oxidative stress, and neutralize free radicals.

Quatica leverages this remarkable natural mechanism to develop a potent bioactive ingredient by cultivating Phaeodactylum under optimized conditions in a state-of-the-art, AI-driven biotech facility.

FucoRevive™ is perfectly suited for a wide range of applications, including anti-photoaging face and eye creams, brightening serums, scalp care and sun protection products.

Anti-Photoaging Properties

This unique marine-derived bio-active ingredient addresses both protective and reparative skincare needs, delivering UV protection and photoaging prevention, antioxidant activity and brightening effects for revitalized skin.

Cosmetic Benefits



Antioxidant Activity Cellular Protection

- ROS Scavenging
- Reducing Lipid Peroxidation



Skin Brightening and Even Tone

- Melanogenesis Inhibition - Limiting Tyrosinase



Firmness and Elasticity

- Reduce Elastin Degradation - Elastase Inhibition
- Collagen Stimulation
- Anti-wrinkle



Anti-Inflammatory and Calming Effects

- Reduces Pro-inflammatory Cytokine
- Production (IL-6, IL-33)



Anti-Microbial/ Anti-Fungal

- Inhibits growth of S. aureus and C. albicans

Formulation Tips

- Recommended use level: 0.5-1%
- Oil Soluble
- Water Soluble - Nanometric Powder