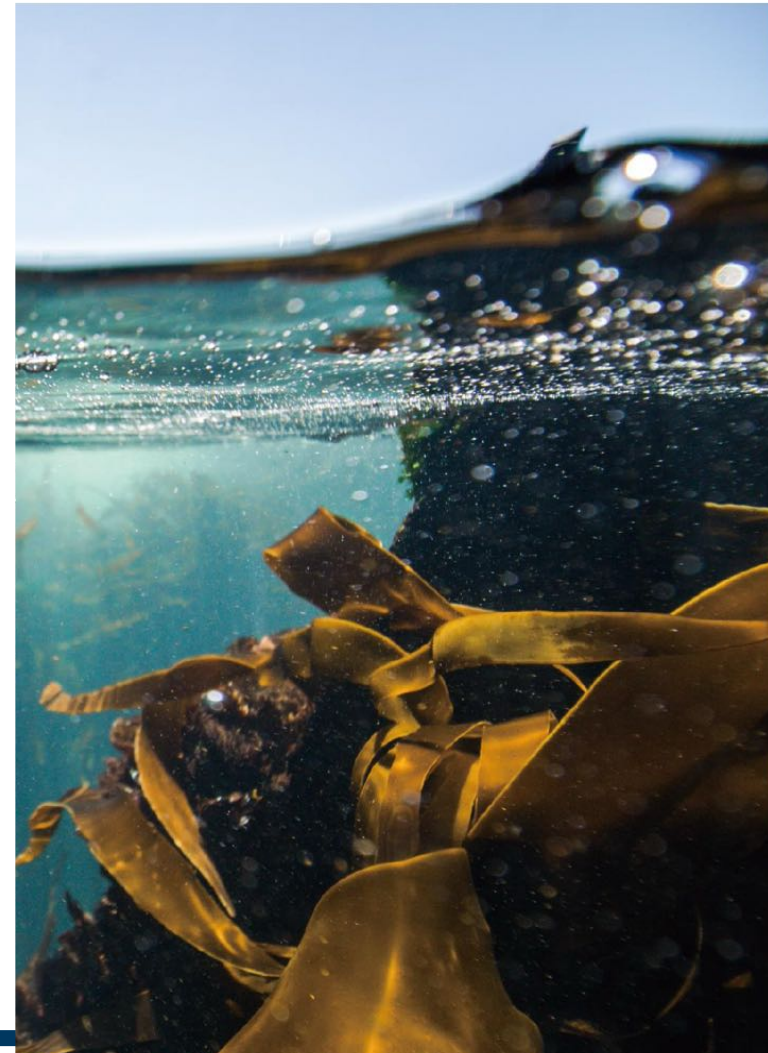


FucoSkin®

FucoSkin® is an exceptional fucoidan-polysaccharide-rich extract, harnessed from the brown algae *Laminaria japonica* using a cutting-edge aqueous extraction process. This remarkable compound has undergone rigorous clinical testing and is proudly Halal certified.

Fucoidan is highly bioactive compound that plays a pivotal role in protecting seaweed from water-borne pathogens and damage caused by ultraviolet light (UV). Extensive research has demonstrated that fucoidan extracts possess similar remarkable skin-protective effects and offer a wide range of benefits in dermatological applications.

FucoSkin® acts as a powerful anti-aging and anti-wrinkle active ingredient. It helps significantly reduce the depth of wrinkles, improve skin elasticity and dermal collagen structure, thus reversing the signs of aging. It is also a good inhibitor of the collagen-degrading enzymes, known as "matrix metalloproteases" (MMP) and can specifically downregulate UVB-induced MMP expression to prevent premature aging of skin.



INCI Water, Laminaria Japonica Extract, 1,2-Hexanediol, Caprylyl Glycol

Application

- Anti-Aging skin care products
- Protection of skin care products for daily use
- Sunscreen and skin care products, for the protection of photo-damage skin
- Post laser treatment or post medical beauty treatment products for skin care

Recommended Dosage

<h1>1%</h1>	<ul style="list-style-type: none"> • Improve skin texture and gloss • Reduce pores • Reduce epidermal pigmentation and UV spot • Improve dermal collagen structure 	<h1>3%</h1>	<ul style="list-style-type: none"> • Reduce wrinkles • Improve skin elasticity • Reduce skin redness • Anti-blue light
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Certification: Halal, ISO 22716,

ISO 16128 Standard:

- Natural index=0.975
- Natural origin index=0.975

Regulatory Status: Global Compliant, China Listed



Perfect for Anti-Aging and Photo-Aging Protection

In vitro Test & Mechanism

Anti-Aging

- Exhibits Superior Antioxidant Capacity
- Promotes the Growth of Fibroblast

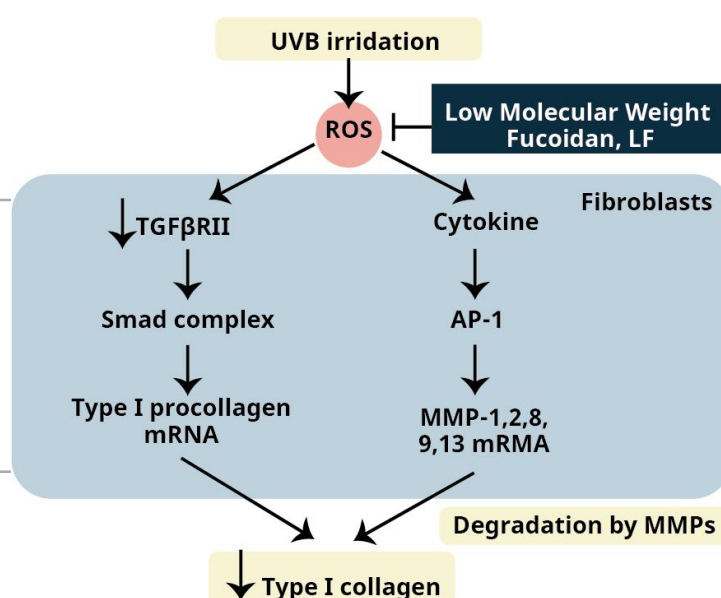
Anti-Inflammation

- Inhibits Pro-Inflammatory Cytokines (IL-1 β , IL-6, TNF-R, and NO)

Photo-Aging Protection

- Inhibits UVB-Induced Cell Death and ROS Generation
- Inhibits Inflammatory Cytokine Secretions
- Enhances Type I Procollagen and Collagen Synthesis
- Inhibits MMPs Expression (Gelatinases, Collagenase) through Inhibition on AP-1 Binding Activity

Anti-Pigmentation



Human Clinical Test

Dermal Collagen Structure

22.6%

Skin Wrinkles

25%

Skin Smoothness

48.95%

Pores

40.07%

Skin Spots

12.3%