

# FucoSkin®

Low Molecular Weight Fucoidan  
For Beauty & Skincare



## LWF Fucoidan Desired for Anti-aging

FucoSkin® (LWF Fucoidan) acts as an anti-aging and anti-wrinkle active that hydrolyses the fucoidans in Laminaria with powerful antioxidant properties. It inhibits UVB-induced MMP expression and are good inhibitors of the dermal remodeling enzymes called matrix metalloproteases. It is water-soluble, and preservative free.

FucoSkin® helps significantly reduce the depth of wrinkles and regulates the inflammatory process and stimulate cell metabolism, thus reversing the signs of aging as well as improvement of skin elasticity and dermal collagen structure.

FucoSkin® is suggested for use in anti-aging care products, for face and body, lightening care products, facial mask, day & night cream, eye cream, anti-age spots creams and serums & protective formulations.

## Product features

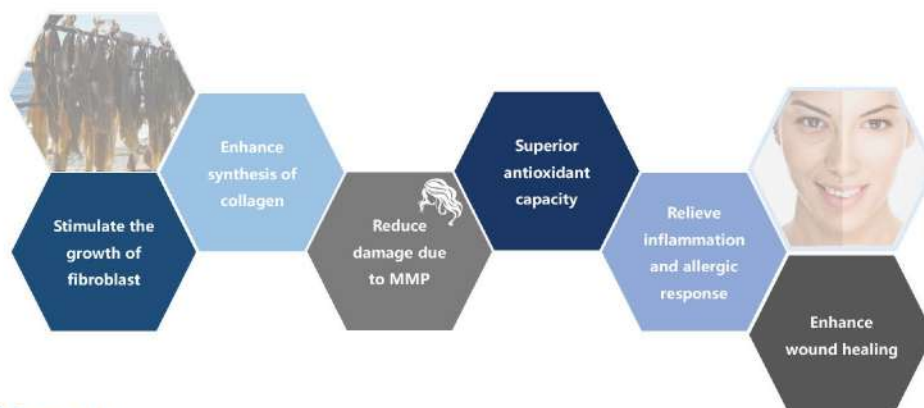
<b>Botanical Origin</b>	Laminaria Japonica
<b>INCI</b>	Laminaria Japonica extract
<b>Appearance</b>	Light yellow liquid form
<b>Water-Soluble Polysaccharides</b>	≥20%
<b>Packaging</b>	1kg/2kg/bottle, upon request
<b>Shelf Life</b>	2 years
<b>Heat &amp; Stability</b>	100 °C (1 hour) ; 121 °C (30 mins)
<b>Suggest use levels &amp; suitable for</b>	0.5-1%:Antioxidant & moisturizing 1-3% : Promote collagen ; improve skin smoothness, anti-winkle, pores 3-5% : Improve photo-damage skin and aging skin.



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## Human Skin Test

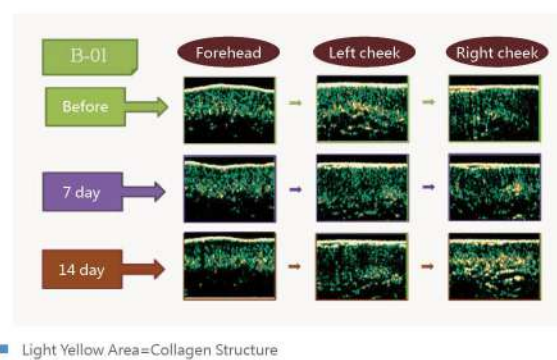
25 female randomly selected, aged 30-60 years old

VISIA Complexion Analysis System, Cutometer® MPA580 and DERMALAB® COMBO skin analysis system were used to assess the effect of using FucoSkin® base-cream .



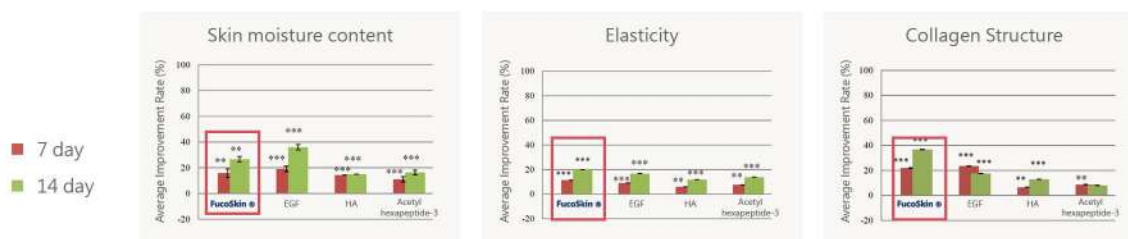
## Results

Improvement Terms	3% FucoSkin 7-14 days Improvement rate
Skin Smoothness	35%
Dermal collagen structure	25%
Pores	25%
Skin wrinkles	26.40%
Skin Texture	21.70%
Skin Elasticity	3.76%
Skin spots	9.80%
Skin melanin	7.50%
Skin red pigments	7.34%



## Compare with Other Bioactive Ingredients

80 female randomly selected, aged 20-60 years old, to assess the effect of using FucoSkin®, Epidermal growth factor, Hyaluronic acid and Acetyl hexapeptide-3.



ALL INFORMATION CONTAINED IN THIS BROCHER IS PROVIDED FOR SCIENTIFIC RESEARCH & PRODUCT DEVELOPMENT PURPOSES  
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