

PDRN Laminaria (vegan)

Description

PDRN Laminaria (vegan) is an innovative active complex combining plant-derived DNA with fucoidan from the brown seaweed *Laminaria digitata*. Inspired by nature's regenerative mechanisms, this multifunctional ingredient helps support skin repair, reduce inflammatory processes, and visibly improve overall skin quality.

By promoting key cellular signaling pathways, PDRN Laminaria (vegan) supports the skin's natural renewal processes and stimulates the expression of Vascular Endothelial Growth Factor (VEGF). This enhances the formation of new capillaries, improves nutrient delivery to the skin, and supports the regeneration of stressed or damaged skin tissue.

In addition, the ingredient exhibits remarkable soothing properties. Through its interaction with inflammation-related pathways, pro-inflammatory mediators are reduced while skin-calming mechanisms are activated. As a result, PDRN Laminaria (vegan) helps minimize redness and irritation while strengthening the skin barrier.

Its high-molecular-weight structure further forms a protective moisturizing film on the skin surface. This helps improve moisture retention, enhances skin softness and smoothness, and promotes a more radiant and healthy-looking complexion.

Efficacy

- reduces redness & irritation
- soothes sensitive skin
- supports skin renewal
- promotes growth factor expression
- brightens & evens skin tone
- supports collagen production
- enhances skin recovery

Appearance

light yellow to brown liquid

INCI

Aqua, Laminaria Digitata Extract, Sodium DNA

Registration

CAS-No.:

Aqua.....	7732-18-5
Laminaria Digitata Extract.....	90046-12-1
Pentylene Glycol.....	5343-92-0
Ethylhexylglycerin.....	70445-33-9
Sodium DNA.....	-/-



PDRN Laminaria (vegan)

EC-No.:

Aqua.....231-791-2
Laminaria Digitata Extract.....289-980-0
Pentylene Glycol.....226-285-3
Ethylhexylglycerin.....408-080-2
Sodium DNA.....-/-

Preservatives / Stabilizers

preservative.....none
stabilizer:
Pentylene Glycol.....2 - 4 %
Ethylhexylglycerin.....0.2 - 0.3 %

Characteristics

assay.....>= 2000 ppm
pH.....4.0 - 9.0

Application

daily cosmetics
creams and lotions
face mask
toner
serum
hair care

Application concentration

1 - 10 %

Incorporation

PDRN Laminaria is soluble in water and should be added during the post-production stage <40 °C.

Toxicology

Non hazardous in normal use concentration.

Storage & Shelf life

Store in original sealed containers at temperatures between 2 - 8 °C in a cool, dry and well-ventilated area. Protect from heat and direct sunlight.

In closed original containers the shelf life is 24 months.