

DRAGON'S BLOOD

Skin regeneration & anti-inflamm'aging

INCI NAME:

Propanediol, Aqua (Water), Croton Lechleri Resin Powder.

DOSE OF USE:

3%-5%

SOLUBILITY:

HYDROSOLUBLE

PRESERVATIVE:

PRESERVATIVE FREE

COSMETIC USE:

- › Anti-age & repairing
- › Improvement of skin protection
- › Strong anti-free radical activity (ORS and NRS)
- › Cicatrizing action
- › Enhances skin elasticity
- › Epigenetic activity

DESCRIPTION:

DRAGON'S BLOOD is a hydro-glycolic extract obtained from the latex of the tree **Croton lechleri**, with multiple beneficial properties for skin care treatments.

COSMOS and ECOCERT approved: The solvent used is a highly purified glycol, derived from a sustainable and renewable corn sugar fermentation process. It is made 100 % all Natural Corn Sugar.

DRAGON'S BLOOD contains no added preservatives, petroleum based ingredients or animal by-products.

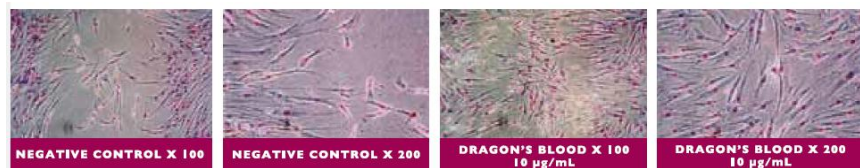
Main components:

- **Proanthocyanidins:** Polyphenols (bioflavonoids). Powerful antioxidants. They facilitate wound healing. In vitro tests have shown that they are more efficient than vitamin E, and even more efficient than vitamin C.
- **Taspine:** Anti-inflammatory and healing action.
- **Lignans:** Dimethylcedrusine, has shown to **speed healing** four times faster; **pigments and flavonoids:** they influence the endogenous defense mechanisms in the skin, potentially modulating the response to environmental agents, such as UVR.

DRAGON'S BLOOD has shown to be a natural epigenetic ingredient, capable of modulating the expression of microRNAs and genes.

PROPERTIES:

1. **DRAGON'S BLOOD** participates in key control processes in 8 of the 9 molecular marks of cellular aging **regulating the expression of microRNAs**.
2. **CICATRIZANT:** Thanks to its high taspine and polyphenols content, it stimulates the formation of scabs regenerating the skin faster, and stimulating the production of collagen and the fibroblasts migration.
3. **ANTI-INFLAMM'AGING:** Reduces the inflammation process by decreasing the synthesis of pro-inflammatory cytokines.
4. **ANTI-POLLUTION:** Stimulates the synthesis of antioxidant defense genes such as: GPX2 (Glutathione peroxidase 2), ALDH3B1, AKR1C2. These genes are involved in the detoxification of hydrocarbons.
5. **IMMUNOSTIMULATOR:** It improves the skin's barrier function by stimulating the synthesis of **Tight-junctions**, key proteins in the conservation of the skin's natural immunity.
6. **NATURAL MOISTURIZER:** Stimulates the synthesis of aquaporin 3.



**Quantitative effect of DRAGON'S BLOOD at the wound healing activity by measurement of the proliferation/migration of the cells*

N a t u r a l l y E f f e c t i v e

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