

ViaPure[®] Boswellia green

Description

ViaPure[®] Boswellia Green is an extract of Boswellia serrata resin, rich in boswellic acids. The material is produced by a green technology supercritical CO₂ extraction. Hence, it is COSMOS-compliant. The boswellic acids in ViaPure[®] Boswellia Green have demonstrated powerful anti-GAGase activity and have been shown to potently inhibit the release of elastase from activated neutrophils. ViaPure[®] Boswellia Green is also a potent inhibitor of elastase, with an IC₅₀ equal to 2.7 µg/mL. These features make it an excellent ingredient to use in products designed to maintain firm and youthful skin. This conclusion is supported by the results of a clinical trial in which panelists' skin was 15 % more elastic after 28 days.

ViaPure[®] Boswellia Green is also recommended for use in products designed for chronically inflamed or sensitive skin. The purified boswellic acids effectively inhibit 5-lipoxygenase, an enzyme responsible for the production of inflammatory mediators in the arachidonic acid cascade, and prevent the release of pro-inflammatory leukotriene B4 from neutrophils. Clinical studies support the anti-inflammatory effect of purified ViaPure[®] Boswellia Green on panelists. Boswellic acids potently inhibit cathepsin D, one of the enzymes responsible for desquamation. This feature makes it likely that ViaPure[®] Boswellia Green can help maintain the stratum corneum and improve barrier function.

Efficacy

- acts soothing
- reduces inflammations
- improves skin firmness
- reduces signs of aging
- improves skin barrier function
- lightens the skin tone
- protects the extracellular matrix

Appearance

off white powder

INCI

Boswellia Serrata Resin Extract

Registration

CAS-No.....97952-72-2

EC-No.....308-366-6

Raw material approved by ECOCERT GREENLIFE,
conform to the COSMOS Standard.



ViaPure[®] Boswellia green

Preservatives / Stabilizers

none

Application concentration

skin care formulations.....0.1 - 0.2 %

Characteristics

boswellic acids (titration).....>= 65 %

loss on drying.....<= 5 % w/w

Incorporation

ViaPure[®] Boswellia Green is soluble in oil.

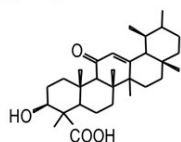
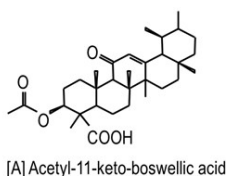
Toxicology

non hazardous in normal use concentration

Storage & Shelf life

ViaPure[®] Boswellia Green should be stored in original sealed containers in a dry, good ventilated and light protected place at temperatures between 10 – 25°C.

In closed original containers the shelf life is 36 months.



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Application

daily cosmetic products
creams and lotions
face masks
gels and ampoules
body care