

ViaPure[®] Poria

Description

ViaPure[®] Poria is an alcoholic extract from the sclerotium of *poria cocos*, a fungus in the mushroom family (Polyporaceae). It has a rich history of use in traditional Chinese medicine. The fruiting body (sclerotium) of *poria* is folklorically used for its anti-aging, diuretic, sedative, and tonic effects. In total, *poria* is the chief ingredient in about 10 % of all traditional Chinese medicinal formulations. Most of the scientific research has focused on the anti-cancer and anti-inflammatory activities of constituents found in *poria*. The active compounds isolated from *poria* fall into two categories: polysaccharides and triterpenoids. Water extracts of the mycelia and sclerotium contain a series of beta-glucan type polysaccharides with potent anti-tumor and immuno-modulatory activities. Lanostane terpenoids have been shown to have broad anti-inflammatory activity, including potent inhibition of phospholipase A2, an initial enzyme involved in the inflammatory arachidonic acid cascade. In addition, lanostanes have been shown to inhibit the activity of the inflammatory cytokines TNF- α , IL-1 and IL-6, and to reduce edema.

ViaPure[®] Poria contains refined, oil-soluble triterpenoids belonging to the class of compounds known as lanostanes, such as tumulosic acid and pachymic acid. It has reduced color and odor problems and optimized anti-inflammatory activities. ViaPure[®] Poria is recommended for acute and chronic inflammatory skin conditions, such as atopic and sensitive skin. It is also recommended for products designed to reduce puffiness and redness, and for after-sun products. *Poria* extracts inhibit elastase and thus could be used for firming and prevention of pre-mature aging. Some extracts of *poria* may be useful in treating vitiligo.

Efficacy

- reduces inflammations
- acts anti-edematous
- acts soothing
- decreases redness
- decreases puffiness
- suitable for sensitive and atopic skin

Appearance

light yellow powder

INCI

Poria Cocos Extract

Registration

CAS-No.....168456-53-9

EC-No.....-/-



Nature needs no cosmetics,
but cosmetics need nature



ViaPure® Poria

Preservatives / Stabilizers

none

Characteristics

assay (extraction ratio).....1000:3
loss on drying.....<= 10.0 %
particle size.....100 % pass 60 mesh

Application

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

Application concentration

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

Incorporation

ViaPure® Poria is soluble in pentylene and butylene glycol.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

ViaPure® Poria should be stored in original sealed containers in a dry and light protected place at temperatures between 10 – 25°C.

In closed original containers the shelf life is 24 months.