



PANTHENOL

Is the vitamin B5 that comes out from the reaction between β -alanine and Pantoic Acid

Mechanism of Action

PANTHENOL is a substance that helps retain moisture.

Panthenol's molecular structure allows it to attract moisture from the atmosphere and bind to water molecules. In that way, Panthenol helps moisturize hair and stops them from getting dehydrated.

Efficacy and Benefits

- PANTHENOL has healing properties
- Nourishes and hydrates hair
- Restores 100% hair fiber hydration level

KAPILARINE®

The vegetal complex composed by extracts from four different plants: *Kigelia Africana*, *Ginkgo Biloba*, *Salvia Sclarea*, *Zeylanicum Cinnamon*, working in synergy and help to rebalance scalp's condition and limit hair loss

Mechanism of Action

- Kigelia fruits contain saponoids and flavonoids with hormone-like properties which contribute to inhibit 5- α reductase and stimulate dermis cells activity. Flavonoids, in particular, have vein tonic action that stimulates scalp microcirculation.
- Salvia exhibits strong anti-oxidant and anti-inflammatory properties.
- Cinnamon has anti-bacterial efficacy and soothing action.
- Ginkgo Biloba improves tissue hydration and helps to activate cellular metabolism.

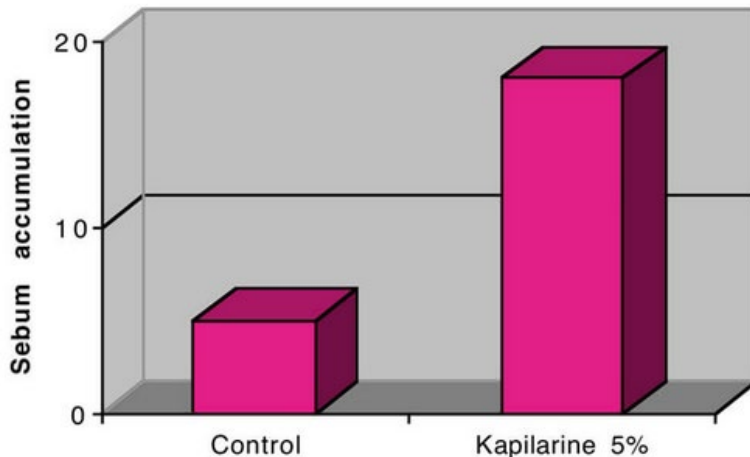
Efficacy and Benefits

KAPILARINE® acts synergistically on the main factors avoiding hair loss:

- 5- α reductase inhibition
- Scalp microcirculation improvement
- Dermis regeneration by activating cellular metabolism
- Decrease inflammation and consequently helps to reduce seborrhea

Effect of Kapilarine® in microcirculation of skin

*Clinically validated triple action



Microcirculation was evaluated by measuring the cutaneous thermal conductivity ($\text{mW}/\text{cm}^{\circ}\text{C}$) on 5 lumbar part of the back of 10 volunteers, 60 minutes after application of Kapilarine at 5%. Measurement was done on back skin because it was easier than done directly on the scalp.