



COLLALIFT®18 BC10014

The Wrapping Beauty from African Mahogany

Extracted from *Khaya senegalensis*, Collalift®18 transfers the structuring properties of the bark to the skin: by stimulating Collagen XVIII, which wraps the inner skin layers, Collalift®18 creates a sheathing effect to the entire skin structure for an invigorated and harmonious beauty.

African Mahogany, *Khaya senegalensis*, is a tropical tree known for its strength and stability. Its majestic silhouette, reaching the sky, instantly evokes a sense of power and longevity. The enveloping bark protects a wood that is valued for its elegance and beauty. The teams from Beauty Creations wished to transfer these benefits to the skin by drawing inspiration from this treasure of nature. BASF's scientists discovered that Collalift®18, extracted from the bark, has the property to stimulate the synthesis of collagen XVIII.

Collagen XVIII is an important structural component of the skin basement membranes which interfaces between the various skin layers. As structural component of these membranes, it gives them tone and strength. This is also the only heparan sulfate collagen with biological activity that is present in all layers of the skin.

We instinctively felt that by acting on this new biological target, we could obtain a beneficial effect for the skin. Through more than five years of exploratory research, the teams from Beauty Creations made a crucial innovation after discovering that the synthesis of Collagen XVIII declines with age.

We also demonstrated that Collalift®18, an Ecocert-approved extract sourced in Burkina Faso, stimulates the production of this special collagen, both at the dermal-epidermal junction and in the basement membrane of adipose cells. We then knew that Collalift®18 would be a powerful anti-ageing ingredient due to its multi-dimensional action from the skin surface to its depth. Collalift®18 truly rejuvenates the skin, invigorating it from within. Skin regains its harmony on the surface (reduced wrinkles and pores) and its vitality is stimulated from deep within.

Because we value your beauty, the teams at BASF Beauty Creations present Collalift®18, our latest innovation directly inspired by nature.

Product Description

Extract of the bark of the African Mahogany tree



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Actives

Consumer Benefits

Pore refining

Wrinkle reduction

Elasticity increase

Firming

Voluminizing / 3D Effect

Blemish diminishment

Properties

Stimulates the synthesis of collagen XVIII, a multi-functional collagenous proteoglycan occurring in all skin layers. Multi-dimensional anti-ageing action, improving pores and fine lines, minimizing wrinkles and enhancing elasticity.

In Vivo

Pore refinement

Elasticity, firmness and "shape memory"

Skin surface homogeneity improvement

Reduction of crow's feet

In Vitro / In Tubo

Stimulation of synthesis of collagen XVIII (adipocytes and keratinocytes)

Stimulation of synthesis of collagen I (fibroblasts)

Stimulation of synthesis of collagen IV (fibroblasts)

Elasticity, firmness and "shape memory" (skin model)

Clinical Study Results

Age of Volunteers: Volunteer panel >50

Results Time Scale: 8 weeks, 4 weeks

Tested Skin Area: Temples, Cheeks

Target Molecules in the Skin

Dermal extracellular matrix (ECM) components

Dermis components

Hypodermis components

Collagen

Dermo-epidermal junction (DEJ) components



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Actives

Nature of Active

Active Substance / Technology: Plant Extract, Polyphenols

Compliance: Listed in IECIC

Tested Skin Area: Cosmos approved

Geography: Africa

Origin: Traditional Medicine, Trees

Preservatives

None

Solubility

Water-soluble

Recommended dose of use

0.1-1%

INCI

Glycerin (and) Water (and) Khaya Senegalensis Bark Extract (and) Maltodextrin

Form of Delivery

Liquid