PHYTELENE COMPLEXION LIGHTENING - FGX 293



COMPLEXION
PHYTELENE
COMPLEXION LIGHTENING
COMPLEXES

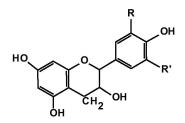
> ACTIONS

- Lightens the complexion and gives it radiance
- Evens and illuminates the complexion
- Combats pigmentation spots

COMPOSITION

Flavonoids Saponins Glycosides Vitamins

Mineral salts and trace elements



ORIGIN

- Daisy
 Bellis perennis
 (Flower)
- Madonna lily *Lilium candidum* (Flower)
- Licorice Glycyrrhiza glabra [Root]
- Camu camu Myrciaria dubia (Seed)









> MECHANISM OF ACTION

PHYTELENE COMPLEXION LIGHTENING - EGX 293 acts in a synergistic and complementary manner on the complexion: it inhibits melanogenesis and tyrosinase, protects against free radicals and reduces inflammation thanks to its dermis-purifying properties.

> COSMETIC BENEFITS

• The complexion is lighter, brighter and even, dark spots are reduced.

> COSMETIC USES

Lightening and anti-dark spot care products

Anti-ageing care products

> SCIENTIFIC PROCESS

• INHIBITION OF MELANOGENESIS

Glabridin (isoflavin) and isoliquiritigenin (chalcone) contained in Camu-camu and Liquorice limit melanin synthesis in melanocytes and prevent the long-term formation of dark skin spots.

• INHIBITION OF TYROSINASE

Thanks to polyphenols in Liquorice and Daisy. The appearance of new pigmentation spots resulting from melanin formation is markedly reduced.

• PROTECTION AGAINST FREE RADICALS

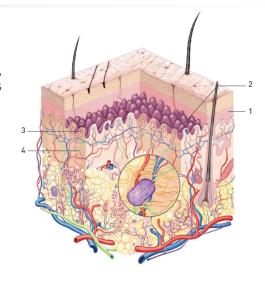
Liquorice, Camu-camu and Madonna lily calm down inflammation. Their anti-elastase activity protects newly produced elastin fibres and promotes connective tissue repair.



• DERMIS-PURIFYING PROPERTIES

Liquorice, Daisy and Madonna lily help to regulate sebum secretions. cleanse epidermis to accelerate the re-epithelialization process and to refine skin's texture. The complexion is even.

- 1 Inhibits melanogenesis
- 2 Inhibits tyrosinase3 Protects against free radicals
- 4 Anti-inflammation



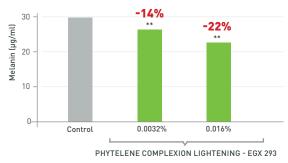
> PROVEN EFFICACY

IN VITRO **TESTS**

INHIBITION OF MELANOGENESIS: A DUAL LIGHTENING ACTION

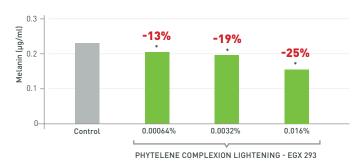
Evaluation in human normal melanocyte and keratinocyte cultures

• Inhibition of melanin synthesis



** Significantly different from control (p=0.001 to 0.01)

• Inhibition of melanosomes transfer to keratinocytes



* Significantly different from control (p>0.05)

FORMULATION

Solubility

Concentration for use: 1 to 5%

Caution for use:

Add to emulsions, at the end of the preparation process, either cold or at 35-40 °C, during cooling.

TECHNICAL DATA Characteristics	
Organoleptic	Appearance: liquid Colour: pale amber to dark amber

Water: soluble

Keep in a dark place, in the original packaging and at ambient temperature (15-25 °C). Use rapidly once opened, or transfer to sterile packaging.

Tolerance tests

• Eye irritation: non-irritant Skin irritation: non-irritant

INCI name: Butylene Glycol, Bellis Perennis Flower Extract, Lilium Candidum Flower Extract, Glycyrrhiza Glabra Root Extract. Myrciaria Dubia Seed Extract.

Preservative: None Authorized:

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