

APF-409

# Rose Elixir<sup>®</sup>

Soothing & Anti-inflammation Solution



## ACTIFS PRÉCIEUX

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**Rose Elixir** is a **100% plant-based natural** ingredient. Rose Elixir is an **Acne fighting range** due to the miraculous combination of Rosa Centifolia and Black Cumin. All the plants used to formulate Rose **Elixir possess** an anti-acne potential besides many others effect such as **antioxidant, anti-aging, anti-bacterial** and **anti-inflammatory** which makes it a high quality ingredient.



## Innocuity - safety

- Single Patch Test: Non-irritant
- Good skin compatibility
- Dermatologically tested
- Tolerance Tested



## Applications

- Anti-acne serums
- Regenerating serum
- Skin care products



## Benefits

- Anti-acne potential
- Anti-inflammatory
- Antibacterial
- Antimicrobial
- Adapted to sensitive skin

## Sourcing

Vertically integrated each step of the sourcing and production process. By owning our own farms and partnering with growers specializing in naturals, and organic certified.



## Production process

Supercritical carbon dioxide Extraction- Formulation Technology.



**Sustainable, Premium Natural Ingredients**

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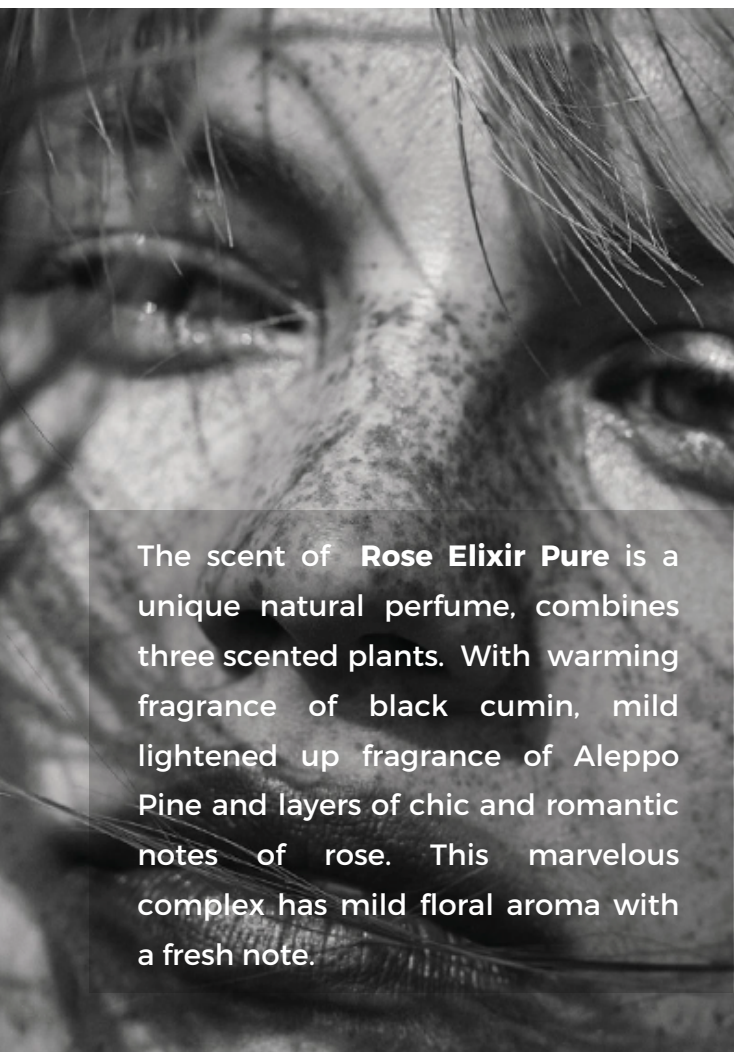
## Raw material

Pinus Halepensis Seeds, Rosa Centifolia and Nigella sativa

## INCI

Pinus Halepensis Seed Oil (and ) Caprylic / Capric Tryglyceride (and) Nigella Sativa seed oil (and) Rosa Centifolia Flower Extract

Cape Bon ("**Good Cape**") is a peninsula in far northeastern Tunisia and known in antiquity as the Cape of Mercury.



The scent of **Rose Elixir Pure** is a unique natural perfume, combines three scented plants. With warming fragrance of black cumin, mild lightened up fragrance of Aleppo Pine and layers of chic and romantic notes of rose. This marvelous complex has mild floral aroma with a fresh note.

**Preservation** Preservation free , self-preserving

**Appearance** Yellow-Liquid oil

**Solubility** Soluble in oil & alcohol, Insoluble in water

**Use level** 0,1-0,5 %

**Processing** Can be added to the emulsion once the emulsion is formed at temperature below 50 °C.

**Characteristics** Stable up to 80°C

## Conformity with Cosmetic Regulations

EU ☒ USA ☒ JAPAN ☒

## REACH Status

Exempt



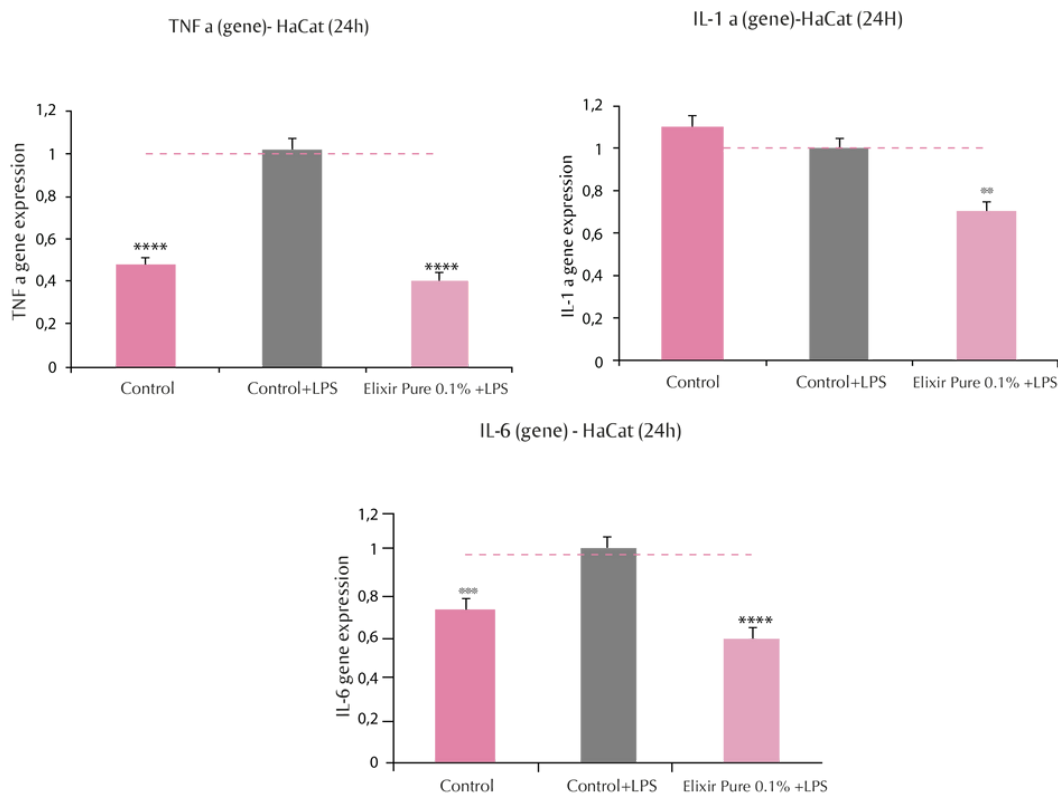
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## In vitro tested efficiency

Results indicated that the treatment with ROSE ELIXIR PURE at 0.1 % significantly inhibited gene expression of TNF $\alpha$ , IL-1 $\alpha$  and IL-6 by  $36.5 \pm 6.1$  %,  $30.5 \pm 5.9$  % and  $41.1 \pm 8.5$  %, respectively, compared to the untreated control.



\*\* Represents statistical significance with p value < 0.01.

\*\*\* Represents statistical significance with p value < 0.001.

\*\*\*\* Represents statistical significance with p value < 0.0001.

**Bar graphs showing TNF $\alpha$ , IL-1 $\alpha$  and IL-6 gene expression results after treating human keratinocytes (HaCaT) with Rose Elixir Pure at 0.1 %, compared to Control + LPS.**

The in vitro treatment with Rose Elixir Pure during 24 hours in human keratinocytes (HaCaT), displays anti-inflammatory effects, through significant reduction of Tumour Necrosis Factor alpha (TNF $\alpha$ ), Interleukin 1 alpha (IL-1 $\alpha$ ) and Interleukin 6 (IL-6) gene expression, after induction with bacterial lipopolysaccharide (LPS), compared to the untreated control.