## LIPOPHILIC ALULA PEREGRINA<sup>TM</sup> EXTRACT

PATENT N°WO2021234159

### Instant skin soothing and protection with long-term cell DNA repair



ENGLISH NAME Lipophilic AlUla Peregrina<sup>™</sup> Extract BOTANICAL ORIGIN *Moringa peregrina* from AlUla PLANT SOURCE Seeds INCI Moringa peregrina seed extract and Caprylic/ Capric Triglyceride Natural ingredient index = 1 (ISO 16128) TYPE Liquid extract PRESERVATIVES FREE USE LEVEL 2.0% - 5.0% SOLUBILITY Oil soluble PACKAGING MATERIALS Food grade polyethylene bags, polyethylene drumsbags, polyethylene drums

The cold press of the Peregrina seeds reveals a precious virgin Peregrina oil. The by-product of this extraction is a cake traditionally used for its nutritional properties. Recent analytical and clinical studies uncovered the unparalleled skin cell DNA integrity protection of the Peregrina press cake, contributing to the outstanding durability of the Peregrina seeds.

The Lipophilic AlUla Peregrina<sup>™</sup> Extract instantly protects the skin with longlasting results.

## **COSMETIC BENEFITS**

The Lipophilic AlUla Peregrina<sup>™</sup> Extract:

- protects skin cell DNA integrity
- prevents and treats skin sagging
- provides instant for the surface of the skin
- plumps the surface of the skin

**AlUla Peregrina Trading Company** 

Azizia District, Al-Madina Al-Munawwarah Street 43514 Al-Ula city, Kingdom of Saudi Arabia www.alulaperegrina.com - info@alulaperegrina.com

## BIOLOGICAL ACTIVITY

# Long-term anti-aging action through preventive protection of cell DNA integrity

The Lipophilic AlUla Peregrina<sup>™</sup> Extract provides longterm anti-aging action by activating telomerase. This enzyme repairs the telomeres of the chromosomes during successive rounds of replication to minimize the telomere shortening and extend the number of replications of the chromosomes.

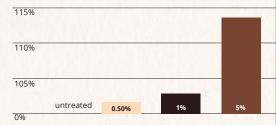
#### Curative and preventive anti-aging

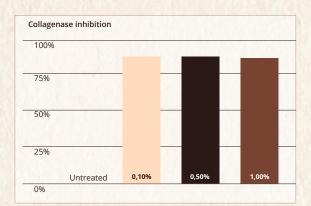
The Lipophilic AlUla Peregrina<sup>™</sup> Extract prevents and treats skin sagging by inhibiting collagenase. Collagenase degrades collagen in the skin.

The Lipophilic AlUla Peregrina<sup>™</sup> Extract provides a soothing effect for tired or aging skin by inhibiting

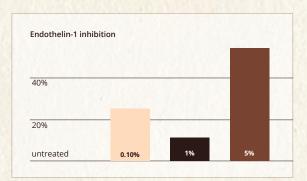
phospholipase A2, a key enzyme promoting







# PLA2 inhibition 15% 10% 5% Untreated 0,10% 1% 2%



#### **Plumping effect**

Soothing effect

inflammation.

The Lipophilic AlUla Peregrina<sup>™</sup> Extract provides a plumping effect for tired or aging skin by inhibiting Endothelin-1, the most potent vasoconstrictor in the human body.

#### Hydration

After 21 days of application of the Lipophilic AlUla Peregrina<sup>™</sup> Extract, the average value of TEWL remained stable.

#### **AlUla Peregrina Trading Company**

Azizia District, Al-Madina Al-Munawwarah Street 43514 Al-Ula city, Kingdom of Saudi Arabia www.alulaperegrina.com - info@alulaperegrina.com