

VIRGIN ALULA PEREGRINA™ OIL

PATENT WO2024/033784



COSMOS
APPROVED

Light and dry oil with deep hydration action and nourishing properties, and proven hair density enhancement.

The oil offers a perfect affinity with the skin, hair and scalp with penetrating and nourishing properties.



COSMETIC BENEFITS

The Virgin AlUla Peregrina™ oil is a light and dry oil with deep hydration and nourishing properties.

The Virgin Peregrina oil has a neutral odor, is a fragrance booster, and is a long-term natural preservative.

Recent clinical tests have demonstrated an impressive 18% increase in hair density after 56 days and a 29% increase after 84 days, significantly outperforming traditional solutions like Minoxidil.

KEY FEATURES

The Virgin AlUla Peregrina™ oil is liquid at room temperature. It contains fatty acids of interest, primarily gondoic acid, rarely present in plants and close to the composition of sebum.

The Peregrina oil is also rich in unsaponifiable matter: around 0,45%, including β -sitosterol, stigmasterol, and squalene.

SENSORY ANALYSIS

The first study panel consisted of 11 women. The panel training was carried out in two sessions, 1 hour each. The evaluation of the products on all the descriptors was carried out instantly after the two training sessions.

The Virgin AlUla Peregrina™ oil is soft, runny in texture, with a medium greasy residue, light yellow, and odorless. The absorption, penetration, and playtime are moderate to long, leaving supple skin.

A second panel consisted of 26 women. Over 84 days, the panel provided further insights into the AlUla Peregrina™ Oil's efficacy, with unanimous feedback on its ability to rejuvenate the appearance of the skin, enhance hydration, and even out complexion. The panel also observed improvements in skin elasticity and a reduction in visible signs of fatigue, suggesting that the oil's sensory benefits are matched by its restorative actions.

ORIGIN AND DESCRIPTION

Family: Moringaceae
Renewable botanical origin: seeds
Geographic origin: AlUla, Saudi Arabia
Extraction: cold press

REGULATORY DATA

English name: Virgin AlUla Peregrina™ oil
Inci: Moringa peregrina (seed) oil
CAS: 68956-68-3
EINECS: 273-313-5
Natural ingredient (ISO 16128):
Cosmos: Approved

PHYSICOCHEMICAL CHARACTERISTICS

Form: Liquid
Color: Light Yellow
Odor: Very light smell

COSMETIC USE

Dry oil / light oil phase

COMPOSITION

Peregrina oil fatty acid profile

	Fatty acid	%
Saturated C14:0	Myristic acid	0,1
Saturated C16:0	Palmitic acid	9,6
Monounsaturated C16:1	Palmitoleic acid	2,3
Saturated C17:0	Margaric acid	0,1
Saturated C18:0	Stearic acid	5,2
Monounsaturated C18:1	Oleic acid	72,5
Polyunsaturated (w6) C18:2	Linoleic acid	0,6
Saturated C20:0	Arachidic acid	2,9
Monounsaturated C20:1	Gadoleic (Gondoic) acid	2,2
Saturated C22:0	Behenic acid	3,7
Saturated C24:0	Lignoceric acid	0,8

SPECIFICATIONS

Density at 20 °C 0,905 ≤ d ≤ 0,925
Refractive index 1,450 - 1480
Solubility liposoluble

FORMULATION DATA

Preservatives: -
Use level in formula: between 3% to 25%
Solubility: in any oil phase
Incorporation method: anytime in oil phase using a cold process, after cooling at the end of hot process
Rancimat: >10 years
Storage: 36 months, unopened vial protected from light and temperature between 16 and 25 °C
Shelf life: 36 months

TOXICOLOGY

Cutaneous patch test: non-irritating (concentration of 50%)

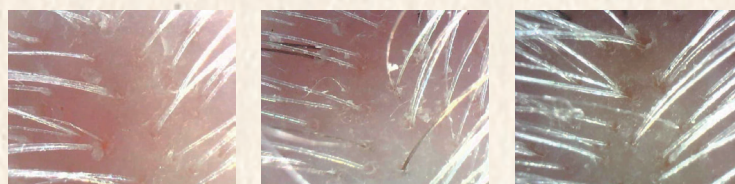
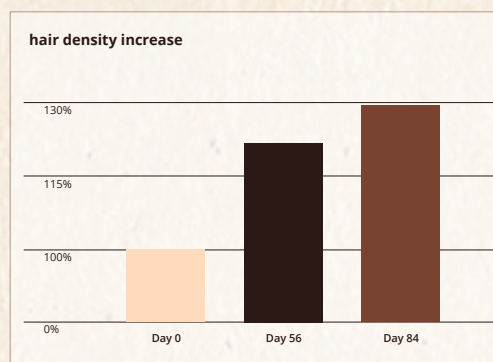
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EFFICACY

- Carried out on 21 men and women
- 58-year-old average, ranging from 43 to 72
 - presenting sensitive scalps
 - presenting dry, normal or oily scalps
 - hair density average 98,8 hair/cm² ranging from 85 to 115 hair/cm².

The volunteers applied 3 drops of Virgin Alula Peregrina™ Oil daily for 84 days.

After 56 and 84 days, the measurement of hair density using Aramo SG® ASG 200F showed a statistically significant increase in the hair density of the volunteers. The Virgin Alula Peregrina™ Oil improves the hair density.



Day 0 → Day 56 → Day 84
After 56 and 84 days, hair density significantly increased.

BIOLOGICAL ACTIVITY

CLINICAL STUDIES

Evaluation of the Virgin Alula Peregrina™ Oil by 26 volunteers over 84 days.

