

KALIZINC

o0>> MULTIFUNCTIONAL ACTIVE FOR OILY AND AGED SKIN

MINERAL- VEGETABLE DERIVED SPECIALTY FOR SKIN ANTI-AGEING AND OIL CONTROL

KALIZINC is an active ingredient based on a watery solution containing **Zinc PCA**; Zinc is a mineral with very well known astringent and anti-bacterial actions, while PCA is among the most expressed actives physiologically found in the **skin Natural Moisturizing Factor (NMF)** with a moisturizing action essential to balance Zinc properties.

Kalizinc boasts proven benefits on **oily skin**, by significantly reducing sebum and oily substances and showing an immediate **Matte effect, with immediate skin flaws opacifying skin flaws and dilated pores tightening.**

Further properties are linked to its inhibition of collagenase in the dermis (**anti-wrinkle effect**) and inhibition of pathogen bacteria growth: Kalizinc balanced **bacteriostatic and hydrating action** make it ideal for treatments addressed to skin normalization, for example after the use of sanitizers, or to promote the homeostasis of skin microbiota.

>> POSITIONING

FUNCTIONAL AND TECHNOLOGY HIGHLIGHTS

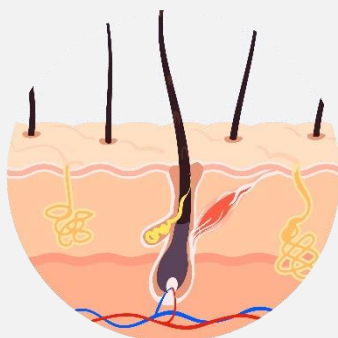
- Oily skin control (sebum reduction), dilated pores tightening
- Matte effect
- Balanced moisturization
- Anti-bacterial action
- Anti-wrinkle
- Soothing and anti-inflammatory
- Ideal for skin care & toiletries applications



KALIZINC TARGET IN OILY SKIN

KALIZINC

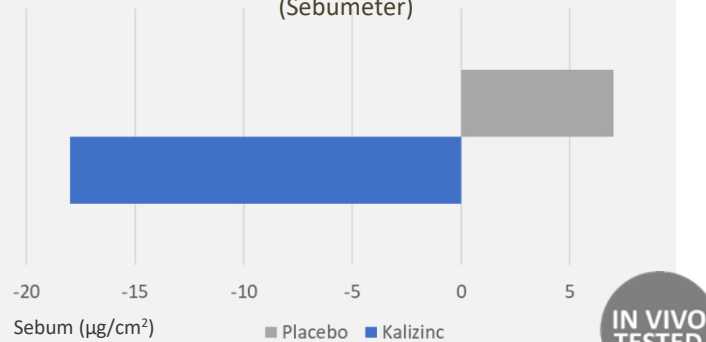
Sebum reduction
Oily skin control
Dilated pores
tightening



K. targets sebaceous glands, exerting an astringent action that reduces sebum expression on the epidermis

OIL CONTROL

SEBUM REDUCTION TEST (Sebumeter)



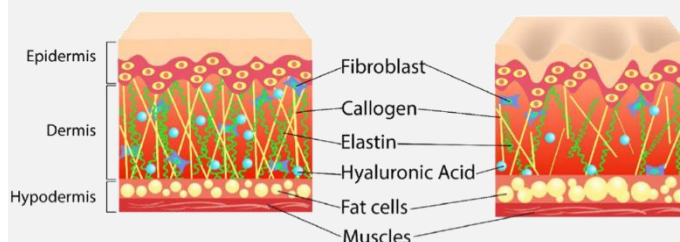
K. @ 3% reduces significantly the sebum found on the skin compared to a placebo formulation, after 4 weeks.

ANTI-BACTERIAL ACTION

STRAINS	MIC (% w/v)
Staphylococcus Epidermidis	0,8
Staphylococcus Aureus	0,8
Escherichia Coli	0,8
Pseudomonas Aeruginosa	0,8

K. showed bacteriostatic activity @ 0.8 % m/w. Ideal for anti-bacterial applications (sanitizers, deodorants, microbiota balancing).

ANTI-WRINKLE



K. inhibits collagenase, enzyme degrading collagen, keeping its integrity deep in the skin and preserving dermal framework homeostasis.

>> TECHNICAL OVERVIEW

PH OF USE	% OF USE	APPLICATIONS	SOURCING	FORMULATION TIPS
4.5 ÷ 8.0	1.0 ÷ 3.0	All skin care and toiletries products containing water	Mineral-vegetable	Add in cold process

[INCI NAME: Zinc PCA, aqua]