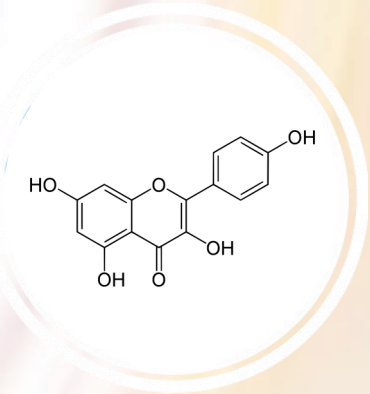
The New Anti-Wrinkles System Without Resorting to Injectable Dermal Fillers

NIO-OLIGO HA

Niosome Technology



Main Wrinkles Lenght -57%

Total Wrinkles Number -37%

Dermal Density +54%

naturalis®
LIFE TECHNOLOGIES

Approved by ECOCERT RAW MATERIAL
COSMOS APPROVED

AN EFFECTIVE COMPLEX FOR **WRINKLE CORRECTION**

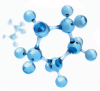
NIO-OLIGO HA is the association of hydrolyzed hyaluronic acid molecules (50 Kda) and Kaempherol, a strong anti-hyaluronidase inhibitor, both encapsulated into elastic niosomal vesicles able to enhance the penetration in the deeper layers of epidermis.

NIO-OLIGO HA represents an exciting way, without resorting to injectable dermal fillers, **to improve viscoelastic properties of skin** by restoring the natural content of hyaluronic acid and decrease deep wrinkles. The skin will return firm, hydrated and elastic in a very short time.

NIO-OLIGO HA IS A NEW GENERATION ANTI-WRINKLE COMPLEX DEVELOPED TO IMPROVE SKIN VISCOELASTIC PROPERTIES TO DECREASE DEEP LINES ACTING AT DOUBLE LEVEL

NIO-OLIGO HA **NATURAL INGREDIENTS**

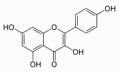
HYDROLIZED HYALURONIC ACID



FIRMING AND HYDRATING

Raw Material for new Extracellular Matrix

KAEMPFEROL

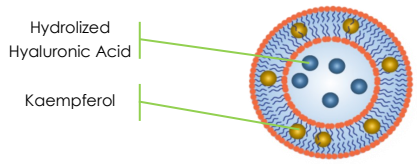


ANTI-OXIDANT AND ANTI-INFLAMMATORY

Shows strong Hyaluronidase inhibitor activity

NIO-OLIGO HA

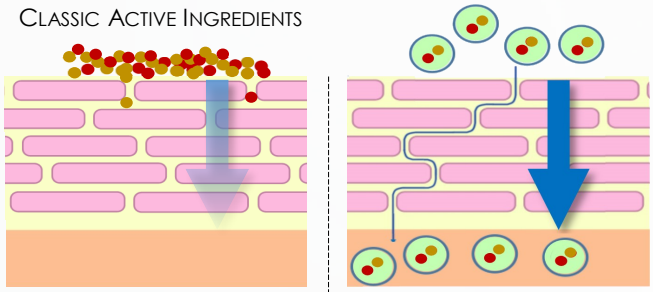
NATURAL INGREDIENTS ARE ENCAPSULATED INSIDE **NIOSOME VESICLES**



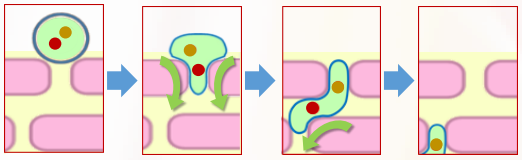
ULTRA-DEFORMABLE **NIOSOME**

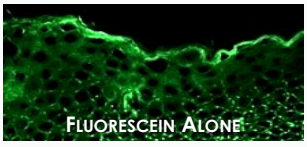
The Most Advanced Skin Delivery System

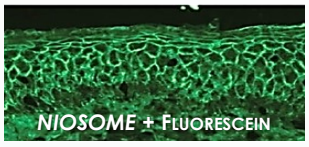
CLASSIC ACTIVE INGREDIENTS



Ultra-Deformable Niosome are elastic vesicles able to **squeeze through Stratum Corneum** reaching living cells inside epidermis increasing the bioavailability of active ingredients





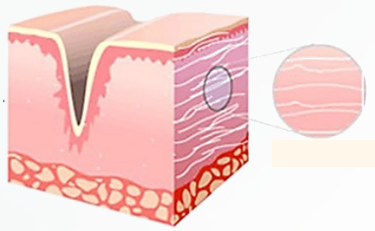


NIOSOME DELIVER ACTIVE INGREDIENTS WHERE MUST BE REALLY EFFECTIVE
DRIVING THROUGH THE STRATUM CORNEUM

NIO-OLIGO HA **MODE OF ACTION**

STRESS FACTORS

Chrono&Photo Aging, Pollution, Poor Nutrition



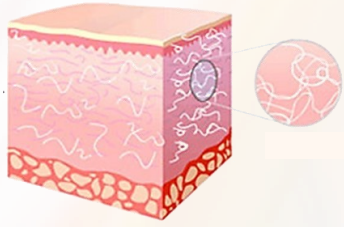
−− HA Reduction

−− Dermal Density

−− Skin Elasticity

Wrinkles, Dryness

With NIO-OLIGO HA



++ HA synthesis

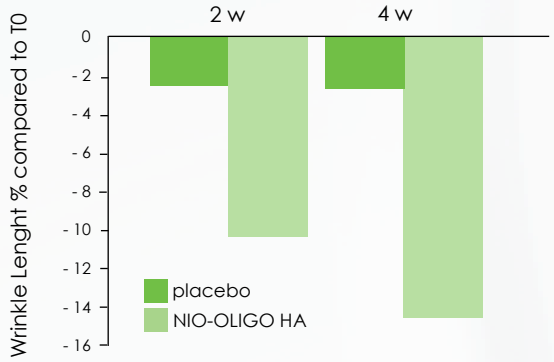
−− HA degradation

++ Hydration & Elasticity

Smooth & Hydrated Skin

NIO-OLIGO HA ON WRINKLES APPEARANCE

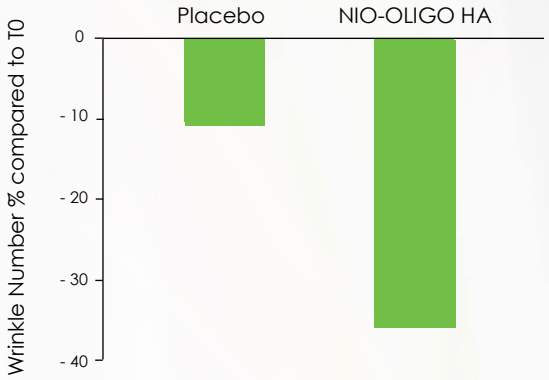
Software analysis of Polarized Images of Wrinkles deepness after application of placebo and 2% NIO-OLIGO HA cream on half-face twice daily for 28 days



MAIN WRINKLES -57% IN 4 WEEKS

NIO-OLIGO HA ON WRINKLES NUMBER

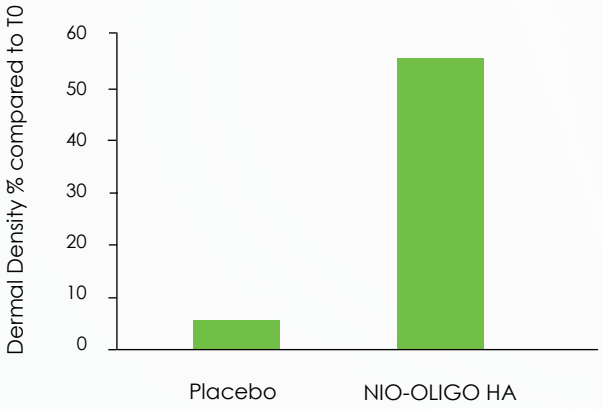
Software analysis of Polarized Images of Wrinkles number after application of placebo and 2% NIO-OLIGO HA cream on half-face twice daily for 28 days

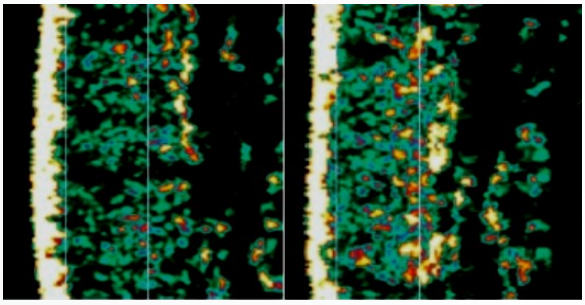


WRINKLES NUMBER –37% IN 4 WEEKS

NIO-OLIGO HA ON DERMAL DENSITY

High Resolution Ultrasound Skin-Imaging (Dermascan CortEx) of Dermal Density appliying placebo or 2% NIO-OLIGO HA twice daily for 4 weeks



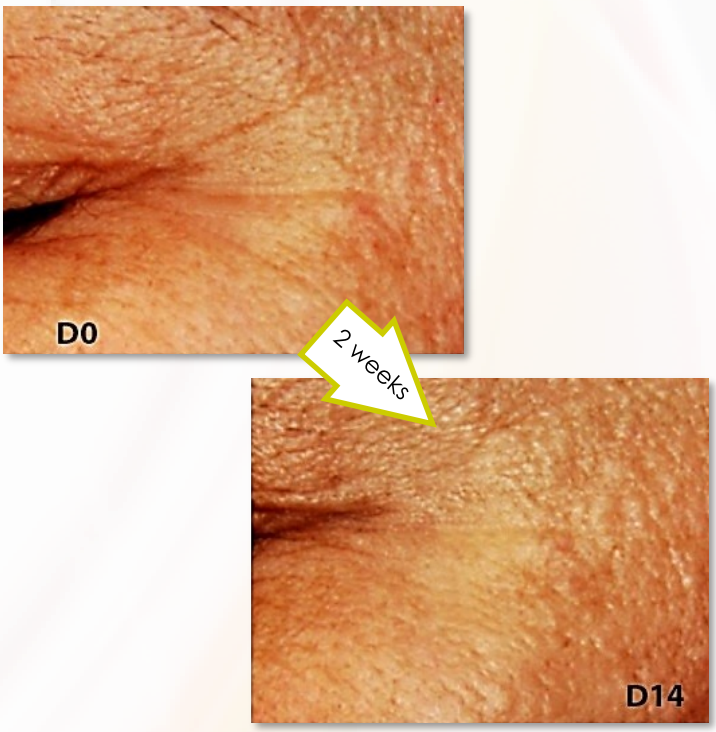


Placebo NIO-OLIGO HA

DERMAL DENSITY +54% IN 4 WEEKS

NIO-OLIGO HA ON WRINKLES APPEARANCE

Assessment of Wrinkles appearance after application of 3% NIO-OLIGO HA cream on half-face twice daily



NIO-OLIGO HA

Niosome Technology

for Deep Wrinkles

CLAIMS

- Anti-Wrinkle
- Moisturizing
- Structuring and Firming
- Regenerating and Repairing

COSMETIC APPLICATION

- Anti-aging cream
- Nourishing Care
- Regenerating and Repairing Care
- Day and Night Cream

INCI NAME

Hydrolized Hyaluronic Acid, Kaempferol, Magnolol/Honokiol, Polyglyceryl-10 Oleate, Polyglyceryl-6 Oleate, Apricot Kernel Oil Polyglyceryl-6 Esters, Sorbitan Palmitate, Dicetyl Phosphate, Aqua/ Water

SAFETY & TOXICITY

Reference COMMISSION REGULATION (EC) No 987/2008 of 8 October 2008 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH):

- non-irritating
- non-toxic

FORMULATION SUGGESTIONS

Use Levels:	1 - 3%
pH range:	3,5 - 8,5
Incorporation:	Diluite in water before blending. Do not heat above 50°C
Origin:	Botanical, Biotechnological
Application:	Lotions, O/W and W/O emulsions, Gels
Preservative:	None
Solubility:	Dispersible in water
Compliant regulation:	US - EU - China - Japan
Certification:	COSMOS Approved

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