

From Nature the Best Choice for a Visible
Whitening Effect

NIO-OXY

NIOSOME TECHNOLOGY



Reduce Pigmentation -25%

Lightening Effect +50%

— AN EFFECTIVE COMPLEX FOR A VISIBLE SKIN WHITENING EFFECT —

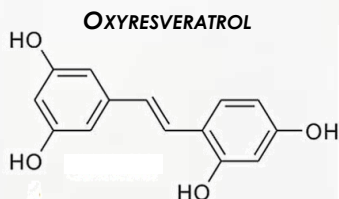
NIO-OXY is a vectorized preparation of Oxyresveratrol (2', 3, 4', 5-tetrahydroxystilbene), a molecule isolated from the oriental herbal medicines Ramulus Mori and encapsulated into elastic niosomal vesicles.

NIO-OXY is the best choice to mitigate all those skin problems as whitening, skin radiance and blemishes, all related to the physiology of melanogenesis that can be corrected by inhibition of melanin production.

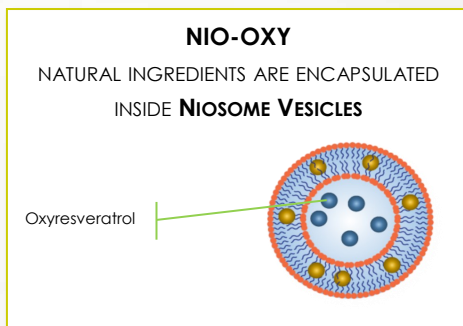
NIO-OXY IS THE POWERFUL ACTIVE SYSTEM DESIGNED FOR WHITENING, SKIN RADIANCE AND BLEMISHES PROBLEMS CORRECTED BY INHIBITION OF MELANIN PRODUCTION



NIO-OXY NATURAL INGREDIENTS



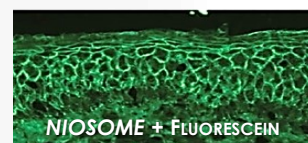
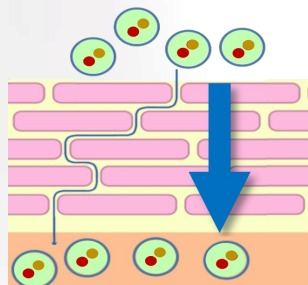
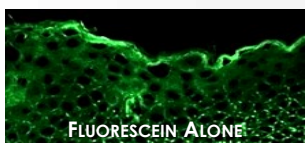
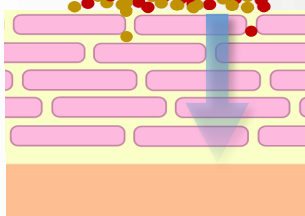
- ◆ **STRONG INHIBITOR OF MELANIN SYNTHESIS**
- ◆ **STRONG RADICAL SCAVENGER**



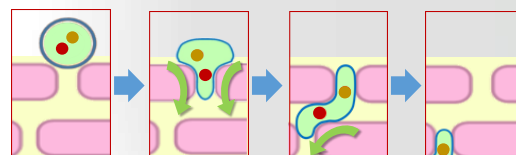
NIO-OXY is **the only effective skin whitening complex** based on the **encapsulation** of high level of Oxyresveratrol into niosomal ultra-deformable vesicle **in order to deliver the promised effects**

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

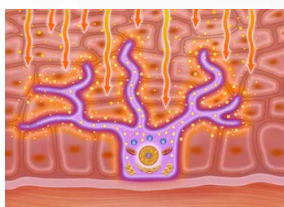


**NIOSOME DELIVER ACTIVE INGREDIENTS
WHERE MUST BE REALLY EFFECTIVE
DRIVING THROUGH THE STRATUM CORNEUM**

NIO-OXY MODE OF ACTION

STRESS FACTORS

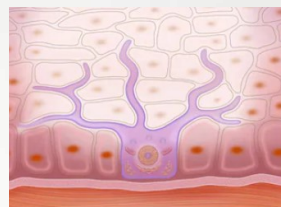
Chrono&Photo Aging, Pollution, Poor Nutrition



- ROS production
- Antioxidant Pool
- +++ Melanin Synthesis

Dark and Pigmented Skin

With NIO-OXY



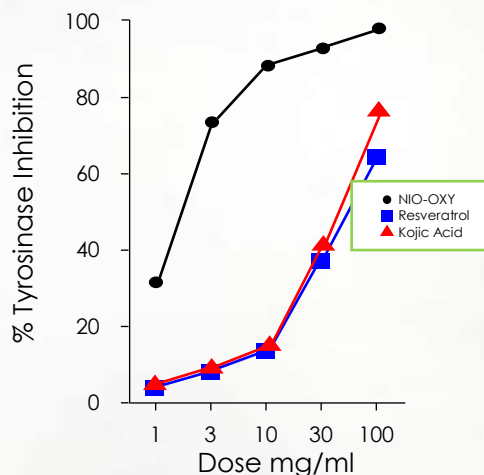
- ++ ROS Scavenging
- ++ Melanin Inhibition
- ++ Melanocytes equilibrium

Whitening Effect



NIO-OXY ON TYROSINASE INHIBITION

Comparative Tyrosinase inhibition test against Oxyresveratrol, Kojic Acid, Resveratrol and Arbutin



Tyrosinase Inhibitors*	IC50 (μM)
OxyResveratrol	1.2
Kojic acid	40.1
Resveratrol	54.6
Arbutin	1050

MELANIN SUPPRESSION EFFECT

OVER 32 TIMES KOJIC ACID

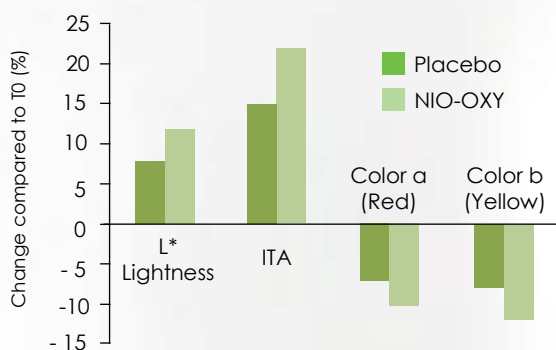
OVER 150 TIMES RESVERATROL

OVER 870 TIMES ARBUTIN



NIO-OXY ON WHITENING EFFECT

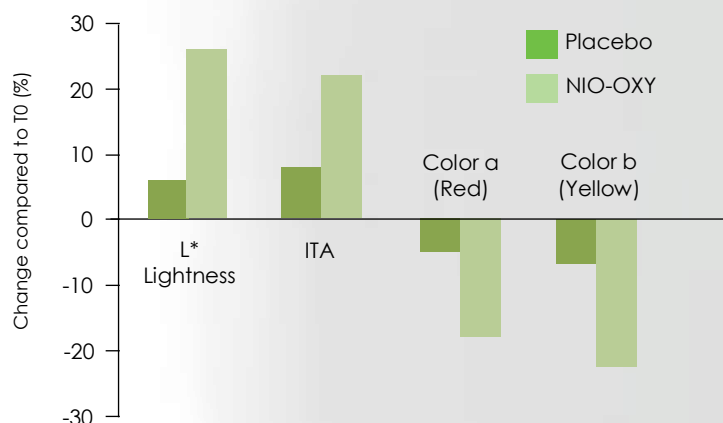
Colour intensity evaluated applying placebo or 3% NIO-OXY cream on inner forearms twice daily for 28 days



Lightening Effect
+50% in 4 Weeks

NIO-OXY ON DARK SPOT

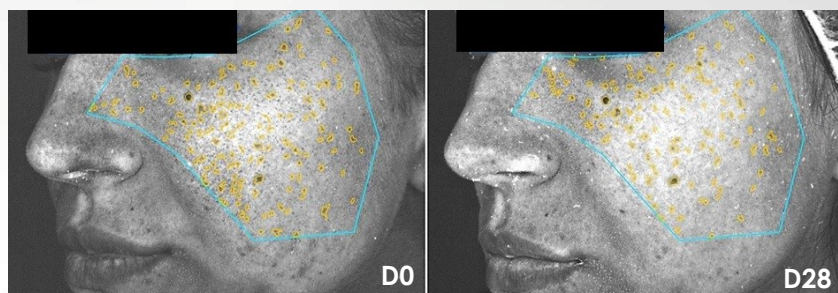
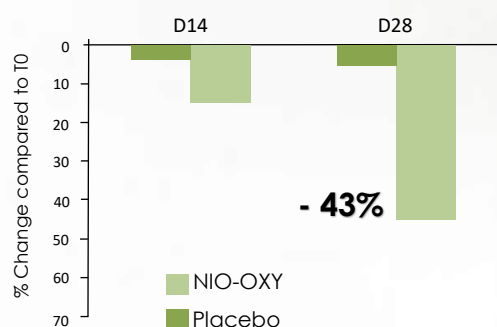
Dark Spot Intensity evaluated applying placebo or 3% NIO-OXY cream on inner forearms twice daily for 28 days



Melanin Pigmentation -71%
Pigmentary Blemishes -280%
Yellow Constituent -25%
in Asiatic People

NIO-OXY ON SKIN SPOTS

Analysis of Skin Spots applying 3% NIO-OXY vs placebo twice daily for 28 days



NIO-OXY

NIOSOME TECHNOLOGY

SKIN WHITENING EFFECT

CLAIMS

- WHITENING
- DEPIGMENTING
- SKIN RADIANCE

COSMETIC APPLICATION

- SPECIFIC FACIAL AND HAND CREAM
- SKIN LIGHTENING BODY CREAM
- NECK AND DECOLLETE TREATMENTS

INCI NAME

Hydroxyresveratrol, Polyglyceryl-10 Oleate, Polyglyceryl-6 Laurate, Sorbitan Palmitate, 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
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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