

From Nature the Anti-Age Complex To Revitalize  
Restore and Reinforce Mature Skin

# NIO-ACTIVE

NIOSOME TECHNOLOGY



Skin Smoothness +62%

Tired Skin Score +95%

Dull Skin Score +65%

# AN EFFECTIVE COMPLEX FOR MATURE SKIN TREATMENT

Thanks to its effective combination of Pomegranate seed oil, concentrated Yeast extract and the mix of ribonucleosides monophosphates (AMP, GMP, and UMP) contained into niosomal vesicles, **NIO-ACTIVE reactivates cellular metabolism, increasing cell viability and protein synthesis.**

Wrinkles are smoothed, skin looks fresh, better hydrated and firmer with a radiant look.



**NIO-ACTIVE IS THE ANTI-AGE COMPLEX ABLE TO REVITALIZE, IMPROVE ELASTICITY AND TONE OF MATURE SKIN, STIMULATING CELLULAR PROTEIN SYNTHESIS**

## NIO-ACTIVE NATURAL INGREDIENTS

**PUNICA GRANATUM SEED EXTRACT**



### HYDRATION & ROS PROTECTION

Punicic Acid (~65%), an Omega-5 Fatty Acid anti-oxidant and moisturizer

**HYDROLIZED YEAST EXTRACT**



### IMPROVED CELLULAR METABOLISM

Precious peptides, aminoacids, vitamins and minerals

**RIBONUCLEOTIDES**

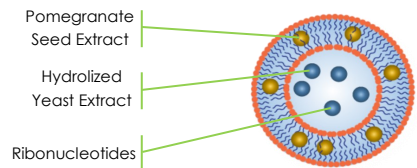


### ENHANCED PROTEIN SYNTHESIS

Stimulation of Collagen, Elastin and Hyaluronic acid

### NIO-ACTIVE

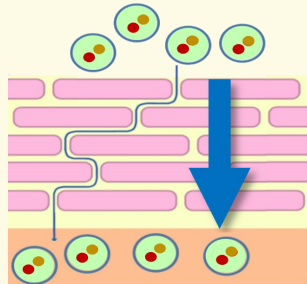
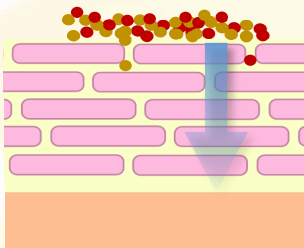
NATURAL INGREDIENTS ARE ENCAPSULATED INSIDE NIOSOME VESICLES



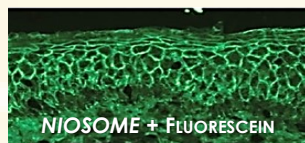
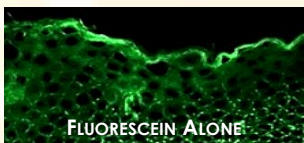
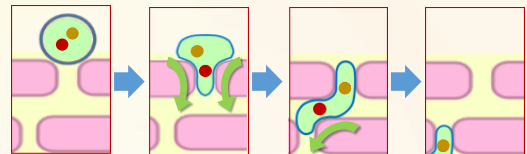
## ULTRA-DEFORMABLE NIOSOME

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

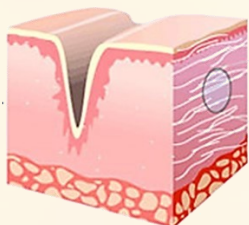


**NIOSOME DELIVER ACTIVE INGREDIENTS WHERE MUST BE REALLY EFFECTIVE DRIVING THROUGH THE STRATUM CORNEUM**

## NIO-ACTIVE MODE OF ACTION

### STRESS FACTORS

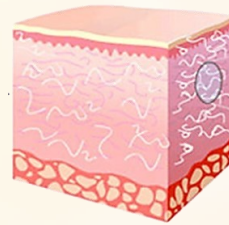
Chrono&Photo Aging, Pollution, Poor Nutrition



-- Cellular Vitality  
 ↓  
 -- Protein Synthesis  
 ↓  
 ++ Protein Degradation

Wrinkles, Dullness, Tiredness

### With NIO-ACTIVE

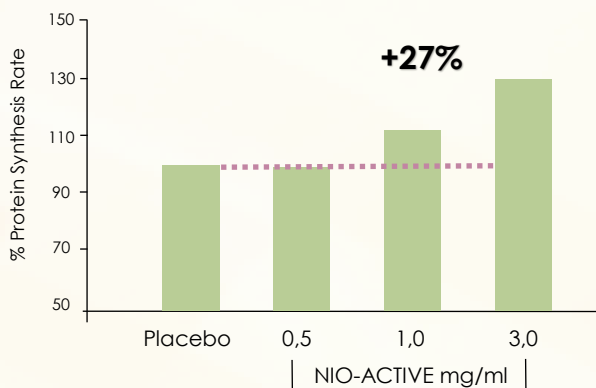


++ Cellular Metabolism  
 ↓  
 ++ Protein Synthesis  
 ↓  
 ++ Hydration & ROS Protection

Regenerated Skin

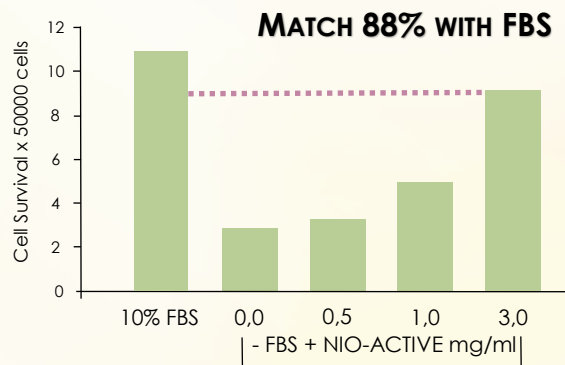
**NIO-ACTIVE ON PROTEIN SYNTHESIS**

Protein Synthesis Rate of HaCaT Human Keratinocyte Cells after 48 hours



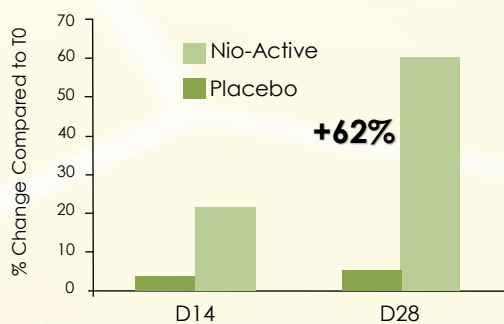
**NIO-ACTIVE ON CELL SURVIVAL**

Survival of HaCaT Human Keratinocyte Cells in culture without FBS (Fetal Bovine Serum) after 48 hours



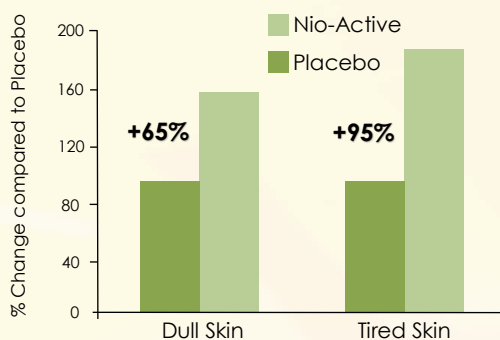
**NIO-ACTIVE ON SKIN SMOOTHNESS**

Complexion Analysis of skin smoothness on 22 volunteers applying 3% NIO-ACTIVE cream on face vs placebo twice daily for 28 days



**NIO-ACTIVE ON SKIN RADIANCE**

Self-assessment of skin condition of 20 volunteers applying 3% NIO-ACTIVE vs placebo twice daily for 28 days



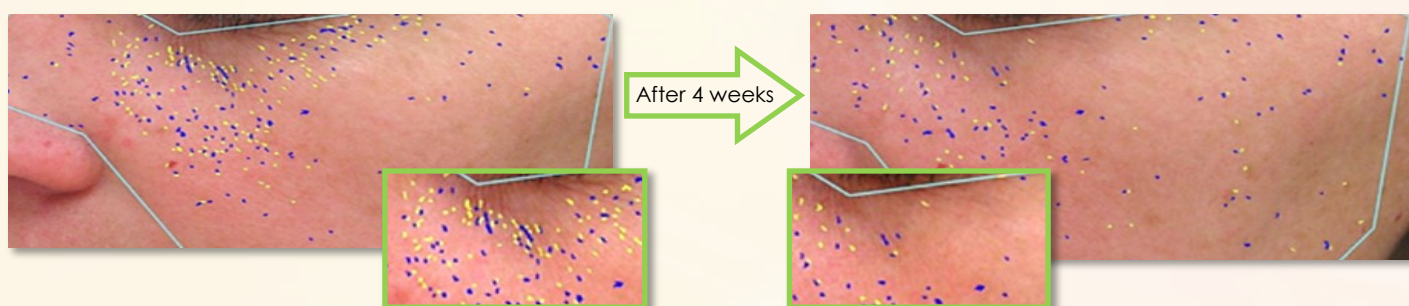
**NIO-ACTIVE ON EYE CONTOUR**

Assessment of skin condition applying 3% NIO-ACTIVE vs placebo twice daily for 28 days



**NIO-ACTIVE ON SKIN TEXTURE**

Complexion Analysis of Skin Texture applying 3% NIO-ACTIVE vs placebo twice daily for 28 days



# NIO-ACTIVE

## NIOSOME TECHNOLOGY

FOR MATURE AND TIRED SKIN

### CLAIMS

- ANTI-AGING
- REVITALIZING
- MOISTURIZING
- REGENERATING

### COSMETIC APPLICATION

- NOURISHING CARE
- REGENERATING AND REPAIRING CARE
- AFTER SUN PREPARATIONS
- DAY AND NIGHT CREAM

### INCI NAME

Punica Granatum Seed Extract, Hydrolyzed Yeast Extract, Adenosine Phosphate, Uracil, Guanosine, Polyglyceryl-10 Dipalmitate, Apricot Kernel Oil Polyglyceryl-6 Esters, Sorbitan Oleate, Aqua/Water

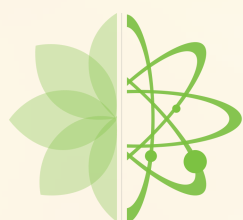
### SAFETY & TOXICITY

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

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



**naturalis**<sup>®</sup>  
LIFE TECHNOLOGIES

Address: Via Ozanam, 4  
20811 Cesano Maderno (MB) - Italy  
Phone: +39 0362 545457  
Fax: +39 0362 526364  
Site: [www.naturalis.it](http://www.naturalis.it)  
Mail: [info@naturalis.it](mailto:info@naturalis.it)