



nutroxsun

Natural smart beauty
from within



The beauty from within solution to **manage the negative effects of solar radiation**

nutroxsun® is a clinically proven natural ingredient combination of Mediterranean rosemary and grapefruit extracts, that protects, from the inside-out, the skin from sun-induced damage. The phenolic compounds and diterpenes contained in the rosemary extract, as well as the flavonoids present in the grapefruit, act on specific and complementary targets giving rise to an effective photoprotection. Its effect is systemic, preventing and reducing photoinduced oxidation, skin photodamage, and photoaging.

THE BEST ADJUNCTIVE TO TOPICAL SUNSCREEN. To increase solar protection, it is important to combine both topical and oral photoprotection. **nutroxsun®** is a healthy addition to the everyday sun care routine, helps compensate for the limitations of sunscreen and provides a completer and more efficient photoprotection.



- 4 clinical trials
- 2 scientific publications
- Health claims available in Canada and South Korea



- **Improve both UVB and UVA sun radiation tolerance**
- **Help to reduce skin oxidation and inflammation**
- **Provide antiaging benefits**
- **Reduce wrinkle depth and improve elasticity, by protecting cutaneous structure components**



APPLICATION AND DOSAGE: Daily recommended dosage: 100 mg/day. nutroxsun® is supplied as a powder that is easy to formulate in tablets, capsules and ready to drink supplements. nutroxsun® is also available for topical cosmetics and sunscreen.

These statements have not been evaluated by any regulatory administrations. This product is not intended to diagnose, treat, cure or prevent any disease.

NUTROXSUN® CLINICAL TRIALS MAIN FINDINGS

SHORT TERM EFFECT Help to recover faster from sun erythema reaction without previous intake

20 volunteers
Skin phototype I-III

250 mg/day
100 mg/day
Placebo

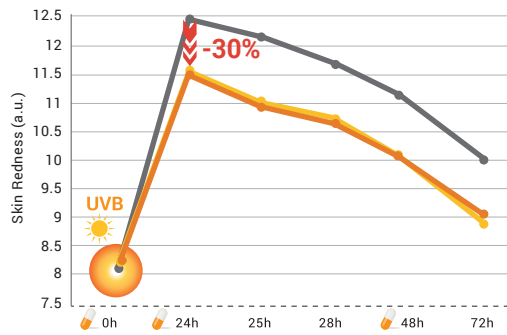
250 mg/day N: 20

100 mg/day N: 20

Placebo N: 20

3 days

PRODUCT INTAKE:
1 hour before UV · 24 h · 48 h



nutroxsun® (at 100 and 250 mg dose) administrated 1 h before UV radiation was **effective in diminishing skin redness (-30%)** compared with the placebo group after 24 h. from exposure to the UV radiation.

MEDIUM-LONG TERM EFFECTS Increased sun tolerance · Reduced oxidative stress · Enhanced skin beauty

90 volunteers · Skin phototype I-III

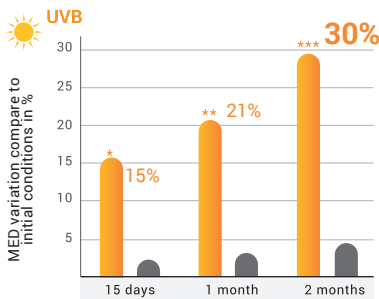
250 mg/day · 100 mg/day · Placebo

2 months

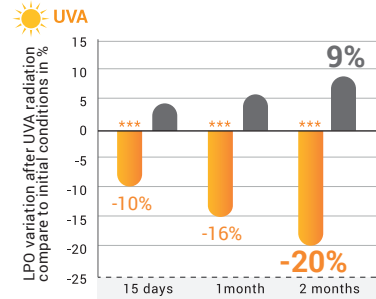
100 mg. nutroxsun®

Placebo

*p<0.05, **p<0.01, ***p<0.001

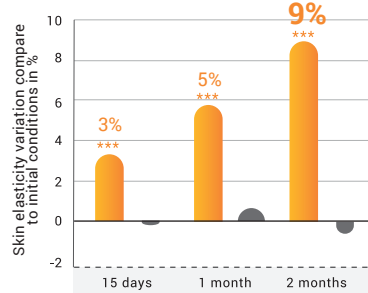
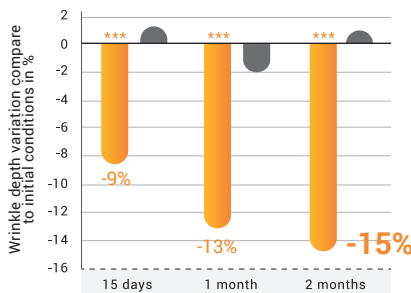


nutroxsun® consumption significantly **increases the individual minimal erythema dose (MED)**. This increase is accumulative and increases with time.

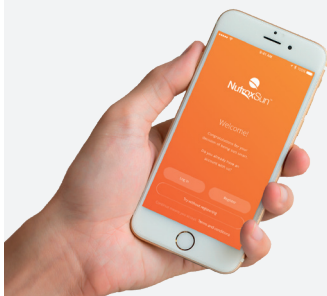
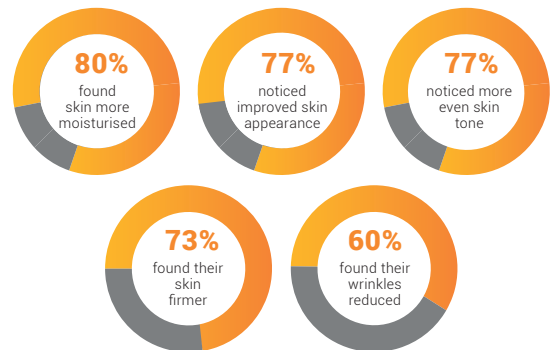


nutroxsun® consumption significantly **decreases the UVA-induced skin lipoperoxide (LPO)** compared with the placebo, in which skin LPO content is increased.

nutroxsun® consumption rapidly and significantly **reduces wrinkle depth and increases skin elasticity**



nutroxsun® consumers feel the difference:
Self-assessment questionnaire main results



NUTROXSUN® APP · Shorten the distance between your brand and your consumers

nutroxsun® APP is a sun exposure management app. Branding and functionalities can be fully customized to your needs.

The **nutroxsun® APP** works as a complementary service related to your product giving your brand visibility on the mobile world and the opportunity to interact directly with your consumers"

REFERENCES CLINICAL STUDIES PUBLISHED ON NUTROXSUN®

- Nobile V, et al. Skin photoprotective and antiageing effects of a combination of rosemary (Rosmarinus officinalis) and grapefruit (Citrus paradisi) polyphenols. Food Nutr Res.2016;160:31871
- Pérez-Sánchez A, et al. Protective effects of citrus and rosemary extracts on UV-induced damage in skin cell model and human volunteers. J Photochem Photobiol B. 2014; 5:136:12-8

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