

FOR HEALTHY, BEAUTIFUL SKIN



indena[®]
INDUSTRIA
DERIVATI
NATURALI

HEALTH - FOOD

OPEXTAN[®]
OLIVE FRUIT EXTRACT

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



opextan[®]

Please note that the physiological activity of the ingredient described herein is supported by the referenced clinical trial reports. Marketers of finished products containing the ingredient described herein are responsible for determining whether the claims made for such products are lawful and in compliance with the laws of the country in which they will market the products.

WHAT IS OPEXTAN®?

OPEXTAN® is a **non-caloric** standardized olive extract from the **olive pulp of a specific Italian tree variety**.

In addition to polyphenols like hydroxytyrosol, tyrosol and isoacteoside, the characteristic phytonutrient of OPEXTAN® is **verbascoside**, which has been shown to be **the most potent antioxidant from the olive tree**.¹

OPEXTAN® has been proven to have a **remarkable lipid peroxidation inhibition capability to support healthy skin as well as helping support healthy blood sugar metabolism**.

SPECIFICATIONS

OPEXTAN® is double standardized in polyphenols and verbascoside:

- ≥ 10.0% of total polyphenols
- ≥ 2.0% ≤ 3.5% of verbascoside,
- ≥ 4.5% of hydroxytyrosol and its derivatives

RECOMMENDED USE AND DOSE

OPEXTAN® is a light brown powder and can be taken orally or used topically.

- Oral dose: 100-400 mg/day
- Topical dose: 0.5-2%

SCIENTIFIC EVIDENCE

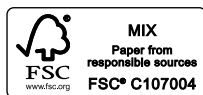
OPEXTAN® is supported by pilot clinical trials confirming its efficacy. In addition, Indena has performed pharmacological tests supporting its safety and efficacy.

TRADEMARKS

OPEXTAN® is a trademark of Indena S.p.A. and its logo and usage guidelines are available from Indena.

References

- ¹Obied H.K., *et al.*, *Chem Res Toxicol* Jan 22(1): 227-34 (2009).
- ²Maramaldi G., *et al.*, *Cosmetic Technology* 9 (5), 9-13 (2006).
- ³Maramaldi G., *et al.*, *L'Integratore Nutrizionale* 9 (3), 23-29 (2006).
- ⁴Keiko Suzuki *et al.*, *Off. J. of Japan Soc. of Ningen Dock* 2011 25:825-830.



WHAT MAKES OPEXTAN® UNIQUE?

OPEXTAN® is a standardized olive fruit extract for **skin-health** supplements and for **managing lipid peroxidation**:

- OPEXTAN® is an olive pulp extract (**not from olive waste water**) with proven antioxidant capacity
- a **unique polyphenolics compound** characterized by a **high content of verbascoside**, known to have the greatest antioxidant activity of any compound from the olive tree¹
- OPEXTAN® is Halal, Kosher certified, ECOCERT validated and Self-Affirmed GRAS

OPEXTAN® is **supported by pharmacological and clinical data**

Taken orally, OPEXTAN® has demonstrated:

- skin protective capability^{2,3}
 - **supporting skin health**
 - **reduction of lipid peroxidation**
- healthy blood sugar levels metabolism⁴

OPEXTAN® is **water soluble** and can be utilized in numerous applications and formulations:

- **beauty and skin-health supplements** (tablets, softgels, capsules, sachets, drinks)
- **topical applications**

opextan.info



indena.com