



OleaFrut™

The Health Potential of Olive Fruit

OleaFrut™

General Information

- **Premium Extract:** OleaFrut™ is an olive fruit extract that encapsulates health-enhancing compounds sourced from Greek olives.
- **Potent Bioactives:** Olive fruits contain a rich array of polyphenolic compounds, including hydroxytyrosol, tyrosol, verbascoside, oleocanthal, and oleacin. OleaFrut™ is standardized to 5-8% hydroxytyrosol, a powerful antioxidant officially recognized by EFSA for its daily intake of at least 5 mg to protect blood lipids (LDL) from oxidative stress (Regulation EC No 432/2012).
- **Biological Activity:** Hydroxytyrosol conducts an intricate symphony within the body, activating key molecular pathways and enhancing antioxidant and anti-inflammatory defenses.
- **Eco-friendly Extraction:** OleaFrut™ is extracted using an environmentally friendly subcritical water extraction and natural chromatographic enrichment.

Key Benefits

- **Cardiovascular Health:** Clinical data showed the ability of hydroxytyrosol to reduce low-density lipoprotein (LDL) and olive fruit extract was shown to provide protective effects in individuals at risk of arterial stiffness.
- **Other Promising Health Benefits:** Olive fruit extract holds promise in supporting both metabolic health and bone health.
- **Skincare:** Olive fruit-based extracts are highly valued in cosmetics due to their antioxidant and anti-aging properties.

Recommended Use, Dosage, and Safety

- **Dietary supplements:** Can be formulated into capsules, softgels, sachets, drinks, and tablets, at dosages ranging from 100 mg/day to 1400 mg/day, depending on the desired final hydroxytyrosol concentration. It can be used alone or in combination with other (synergistic) ingredients.
- **Topical Applications:** Up to 2% OleaFrut™ extract in the final product (creams, lotions, or gels).
- **Safety:** Olive fruit extract and its active compound, hydroxytyrosol, are generally regarded as safe for human consumption and cosmetic use.

Specifications

Botanical name	<i>Olea europaea</i>
Part used	Olive fruit
Composition	40-45% native extract, 55-60% maltodextrin
Appearance	Dark green-brownish powder
Total Phenolic Content	≥50 mg GA/g
Hydroxytyrosol Content	5-8%
Antioxidant Activity	IC50 ≤200 µg/ml (DPPH radical scavenging assay)
CAS No.	84012-27-1
Other	non-GMO, vegan, and vegetarian-friendly
Shelf-life	24 months unopened, stored in a cool and dry location

The extract is available in both organic and conventional variants.

For more product information, see the OleaFrut™ product brochure.

Fagron goes beyond being just a supplier of ingredients; we are relentlessly consumer-centric. Our commitment to innovation is ingrained in everything we do for our partners, making us pioneers in shaping the future of personalized health. Our unwavering dedication to simplifying science expedites the journey from concept to consumer, empowering you to introduce purpose-driven nutraceutical and cosmetic solutions to the market swiftly.

When you collaborate with Fagron for personalized health solutions, you gain an inventive, purpose-driven, end-to-end partner. We draw inspiration from the most crucial health requirements of consumers to deliver your next product with a clear purpose in mind.

To learn more about Fagron, visit www.fagron.com.

Disclaimer: The information contained in this document has been derived from currently available data, studies, and research findings. Nevertheless, it is important to emphasize that any recommendations concerning usage, safety, efficacy, or bioavailability may not be equally precise. The content of this document should not be interpreted as medical advice or recommendations. Healthcare professionals, including doctors and pharmacists, may choose to utilize this information at their discretion, relying on their professional expertise and judgment. Fagron assumes no responsibility for complaints or liability arising from the information presented in this document. Specifically, Fagron disclaims responsibility for any issues related to the application of this information, the existence of patent coverage for any applications, or any improper uses or applications. Unauthorized reproduction of any part, including text and images, contained in this document is strictly prohibited.

Fagron BV

Fascinatio Boulevard 350
3065 WB Rotterdam
The Netherlands

T +31 88 33 11 288
F +31 88 33 11 210
www.fagron.com

 **Fagron**
personalizing
medicine