



**OleaLifa™**

The Healing Power of Olive Leaf

## General Information

- **Premium Extract:** OleaLifa™ is a high-quality olive leaf extract (OLE) derived from the Greek koroneiki olive plant, standardized to contain **10% oleuropein**. Oleuropein, a type of phenolic bitter compound, is a well-recognized compound known for its potential health benefits.
- **Potent Bioactives:** In addition to oleuropein, OleaLifa™ also comprises other valuable phenolic compounds, including hydroxytyrosol, tyrosol, acteoside (verbascoside), caffeic acid, p-coumaric acid, and vanillic acid, along with a substantial amount of flavonoids.
- **Biological Activity:** OLE and its bioactive components demonstrate a wide range of pharmacological activities mediated by various molecular mechanisms that confer antioxidant, anti-inflammatory, and antimicrobial properties to the extract.
- **Eco-friendly Extraction:** OleaLifa™ is obtained through an environmentally friendly subcritical water extraction process, followed by natural chromatographic enrichment.

## Key Benefits

- **Cardiovascular Health:** OLE consumption can lower blood pressure, LDL cholesterol, and inflammatory markers.
- **Hypertension:** A relevant study on stage-1 hypertension patients showed similar significant effects on blood pressure reduction between OLE (500 mg twice daily) and a hypertensive medication (Captopril 12.5-25 mg twice daily).
- **Antiviral Properties:** OLE holds promise in supporting the management of viral infections, for example, upper respiratory tract infections and skin infections such as herpes.
- **Skincare and Personal Care:** OLEs are used in cosmetic formulations providing antioxidant and rejuvenating benefits.

## Recommended Use, Dosage, and Safety

- **Dietary Supplementation:** In the form of capsules, softgels, sachets, drinks, or tablets, at dosages ranging from 100 to 1000 mg/day. It can be used alone or in combination with other (synergistic) nutraceutical ingredients.
- **Topical Applications:** OleaLifa™ can be integrated into creams, lotions, and gels at concentrations up to 2%.
- **Safety:** OLE is generally regarded as safe for human consumption and cosmetic use.

## Specifications

<b>Botanical name</b>	<i>Olea europaea</i>
<b>Part Used</b>	Olive leaf
<b>Composition</b>	70-75% native extract and 25-30% maltodextrin
<b>Appearance</b>	Light green powder
<b>Oleuropein Content</b>	~10%
<b>Total phenolic content (Folin-Ciocalteu)</b>	≥50 mg GA/g
<b>Antioxidant activity</b>	IC50 ≤200 µg/ml (DPPH radical scavenging assay)
<b>CAS No.</b>	8001-25-0 / 84012-27-1
<b>Other</b>	non-GMO, vegan, and vegetarian-friendly
<b>Shelf-life</b>	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 OleaLifa™ 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](http://www.fagron.com).

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