# **Olive Leaf extract**

## Supports healthy microbial balance and immune function ${}^{\scriptscriptstyle \star}$

#### INDICATIONS

- Ages 18 and up
- Intestinal microbial balance<sup>‡</sup>

#### BENEFITS

- Helps maintain healthy gut microbial ecology<sup>‡</sup>
- Supports the immune system and promotes a healthy intestinal environment<sup>1</sup>

#### **FEATURES**

- Mediterranean olive tree leaves have been used in herbal remedies for over 150 years
- Standardized to contain a minimum of 15% oleuropein
- Made with high-quality vegan ingredients backed by verifiable science

#### **VERIFIABLE SCIENCE**

The Mediterranean olive tree, Olea europaea, defends itself against bacteria, fungi, parasites and insects through the eutrophic compounds it produces. Its leaf extract, popular in herbal and folk remedies, has been widely studied in recent years for its microbial balancing properties and cardiometabolic health benefits.<sup>1-6</sup> Consistent with its traditional use, olive leaf extracts have been shown to support microbial balance without suppressing immune system function.<sup>2,4,6</sup> A wellresearched bioactive constituent is oleuropein, a unique phenolic glucoside (structurally classified as an iridoid). Oleuropein is metabolized by intestinal bacteria to hydroxytyrosol, a phenolic antioxidant that is hypothesized to contribute to the clinical benefits of olive oil and leaf extracts.<sup>3</sup> Flavonoids, such as rutin, luteolin and hesperidin, may also contribute to its functional profile.<sup>‡</sup>

#### SUGGESTED USE

As a dietary supplement, take 1 capsule, 1-2 times daily, with meals.

#### STORAGE

Store in a cool, dry place.

#### WARNING

If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use.

#### SOURCE

 Olive leaf extract is derived from Olea europaea leaves and standardized to contain a minimum of 15% oleuropein. Typical levels range from 17-23%

#### NOTES

Size 00 caps

Bottle count 60, 120

Order codes OL6, OL1

Bottle size 190 cc, 290 cc

#### REFERENCES

- 1. Vogel P, et al. Nutr Hosp. 2014 Dec 17;31(3):1427-33.
- 2. Pereira AP, et al. Molecules. 2007 May 26;12(5):1153-62.
- 3. Sudjana AN, et al. J Antimicrobial Agents. 2009;33(5); 461-63.
- 4. Vezza T, et al. Pharmacol Res. 2019 Dec;150:104487.
- 5. Somerville V, et al. Nutrients. 2019 Feb 9;11(2):358.
- 6. Karković Marković A, et al. Molecules. 2019 May 24;24(10):2001.

### SUPPLEMENT FACTS

#### 1 capsule, 1-2 times daily, with meals.

#### Each (size 00) vegetarian capsule contains: Olive (Olea europaea) extract (leaf)

(standardized to contain 15% oleuropein)

other ingredients: vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose)

Olive Leaf extract	Quantity	Order Code
	120	OL1
	60	OL6

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