



## Skin & Allergy Care

### Olive Leaf Extract

When used as a daily dog supplement, our Skin & Allergy Care supplement will support the immune system against allergies and infections.

#### Benefits include:

- Supports healthy immune function
- Fights infection from bacteria, viruses, molds
- Anti-cancer properties
- May help normalize blood glucose level in diabetic patients
- High-grade, human-quality supplement

### SUPPLEMENT OVERVIEW

Olive leaf is one of the earliest phytomedicines. In recent years, scientists have investigated why people living in Mediterranean regions seem to suffer less from diseases associated with aging. Research has centered on the phenolic compounds found in olive products. The active ingredient **oleuropein** (oh-lee-or-oh-pin) is the principle phenolic compound found in olives, and is found in highest concentrations in olive leaves, which are used to produce our Skin & Allergy Care. **Oleuropein** is rapidly absorbed and distributed after ingestion. Pharmacological properties include antioxidant, anti-inflammatory, anti-cancer, antimicrobial, and antiviral effects. Numerous studies have demonstrated these properties.<sup>1,2,3,4</sup>

### SUPPLEMENT INDICATIONS

Because of the vast array of pharmacological actions, there are many uses for Skin & Allergy Care:

- A general health promotion agent in healthy dogs.
- As an adjunct treatment in dogs suffering from bacterial and viral infections such as gastroenteritis, dermatitis, ear infections, respiratory tract infections, and others.
- Evidence in humans has shown particular benefits in skin cancer treatments and prevention; it's anti-cancer actions are useful as prevention in all older dogs as well as those currently suffering from cancer.
- Lastly, some research has demonstrated usefulness in diabetic animals as it helps to normalize blood glucose concentrations in animals with hyperglycemia.

### RECOMMENDED USES

- For general health promotion in all dogs of all ages.
- To hasten healing of skin, ear, and other infections, including pododermatitis.
- To relieve tear staining around the eyes.
- As an adjunct treatment for bacterial, viral, or fungal infections.
- To restore normal, healthy gastrointestinal flora along with probiotics.

### SAFETY

While olive leaf extract has been shown to be very safe, it is not generally necessary to exceed the dosage listed on the label. It is unlikely that accidental overdoses will result in any adverse signs. Because of its ability to lower blood glucose, carefully monitor dogs undergoing treatment for diabetes.

### DOSING

Initial – dogs <35 lbs, 1 capsule daily;  
dogs >35 lbs, 2 capsules daily

Maintenance – dogs <35 lbs, 1 capsule every  
other day; dogs >35 lbs, 1 capsule daily

#### Supplement Facts

Serving Size 1 capsule	Servings Per Container 60
Amount Per Serving	
Olive Leaf Extract (20% Oleuropein)( <i>Olea europaea</i> )	187.5mg
(Yield: 37.5mg of Oleuropein)	

<sup>1</sup> Aziz NH, Farag SF, Mousa LA, Abo-Zaid MA. (1998). Comparative antibacterial and antifungal effects of some phenolic compounds. *Microbios*. 93: 43–54. PMID:9670554

<sup>2</sup> Omar SH. (2010). Oleuropein in Olive and its Pharmacological Effects. *Sci Pharm*. 78: 133–154. <http://dx.doi.org/10.3797/scipharm.0912-18>

<sup>3</sup> Castellon R, Hamdi HK. (2005). Oleuropein, a non-toxic olive iridoid, is an anti-tumor agent and cytoskeleton disruptor. *Biochemical and Biophysical Research Communications* 334: 769–778.

<sup>4</sup> Hayball PJ, Tuck KL. (2002). Major phenolic compounds in olive oil: metabolism and health effects. *Journal of Nutritional Biochemistry* 13: 636–644.