



Safety Statement

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Product Name: ACB Olive Leaf Extract PF

Code: 20349PF

INCI Name: Lactobacillus/Olive Leaf Ferment Extract

ACB Olive Leaf Extract PF is manufactured by fermenting olive leaf with *Lactobacillus* under controlled conditions. The fermentation product is then filtered.

Lactobacillus is a genus of microorganisms used to produce a variety of food products. It is a type of Lactic Acid Bacteria (LAB) and converts various sugars into lactic acid. Any existing LAB in ACB Olive Leaf Extract PF is removed by filtration. Since *Lactobacillus* species are intentionally used in food, they may be classified as Generally Recognized as Safe (GRAS) according to the FDA's Federal Food, Drug and Cosmetic Act.¹

The act states:

Any substance that is intentionally added to food is a food additive, that is subject to premarket review and approval by FDA, unless the substance is generally recognized, among qualified experts, as having been adequately shown to be safe under the conditions of its intended use, or unless the use of the substance is otherwise excluded from the definition of a food additive.¹

Olive leaf has been used in the past as a nutritional and medicinal compound. The oil of the olive fruit itself is used globally in cooking and food preparations. The leaf has been tested for its ability to reduce blood pressure when taken orally. Olive leaf extract capsules have been proven to work as well as some prescription drugs at reducing hypertension. Orally administered olive leaf extracts are also showing promise in the fields of arterial health, diabetes, cancer, arthritis, and neuroprotection. In the studies supporting these claims, there were no reports of adverse effects.² Olive leaf extracts are also being used in some topical products, none of which report any toxicity, irritation, or negative effects.

ACB Olive Leaf Extract PF was tested using *in vitro* dermal and ocular irritation models. This product was found to be non-irritating in both models. The full report is attached for reference.

The above information supports the safety of ACB Olive Leaf Extract PF in cosmetic applications at use levels of 1.0 – 5.0%. No further testing is required at this time.

1. Federal Food, Drug and Cosmetic Act. U.S Food and Drug Administration. www.fda.gov.
2. "Unexpected Benefits of Olive Leaf Extract". [Life Extension Magazine](http://www.lef.org/magazine/mag2013/jun2013_Unexpected-Benefits-of-Olive-Leaf-Extract_01.htm). http://www.lef.org/magazine/mag2013/jun2013_Unexpected-Benefits-of-Olive-Leaf-Extract_01.htm

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