



Safety Statement

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Product Name: ACB Yerba Santa Glycoprotein PF

Code: 20342PF

INCI Name: Lactobacillus/Eriodictyon Californicum Ferment Extract

ACB Yerba Santa Glycoprotein PF is manufactured by fermenting *Eriodictyon californicum* 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 Lemon Peel Extract G is removed by filtration. Since *Lactobacillus* species are intentionally used in food, they may also 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

Eriodictyon californicum, commonly known as yerba santa, is used in both food/beverage and medicinal applications. Yerba santa extract is used in food preparations as a flavoring agent. Yerba santa is also used in the manufacture of certain medicines in order to camouflage the bitter taste. Yerba santa tea may be used as a treatment for respiratory ailments or fevers.² Due to its wide use in the food and food-related industries, *Eriodictyon californicum* may be considered GRAS according to the FDA.¹

ACB Yerba Santa Glycoprotein 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.

ACB Yerba Santa Glycoprotein PF was also tested for its effects on cellular viability and metabolism. The study showed that ACB Yerba Santa Glycoprotein PF is not cytotoxic and does not inhibit cell viability.

The above information supports the safety of ACB Yerba Santa Glycoprotein 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. "Yerba Santa". WebMD. <http://www.webmd.com/vitamins-supplements/ingredientmono-393-YERBA%20SANTA.aspx?activeIngredientId=393&activeIngredientName=YERBA%20SANTA>

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