



# Safety Statement

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Product Name: ACB Lemon Peel Extract G

Code: 20364G

INCI Name: Glycerin & Water & Lactobacillus/Lemon Peel Ferment Extract

ACB Lemon Peel Extract G is manufactured by fermenting lemon peel with *Lactobacillus* under controlled conditions. The fermentation product is extracted in water and glycerin, then filtered.

Glycerin, derived from coconut (*Cocos nucifera*) and lemon peel are both of natural origin. They are also both used commonly in food and nutritional wellness products. Therefore they may be classified as Generally Recognized as Safe (GRAS) according to the FDA's Federal Food, Drug and Cosmetic Act.<sup>1</sup>

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.<sup>1</sup>

*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).<sup>1</sup>

ACB Lemon Peel Extract G 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 Lemon Peel Extract G in cosmetic applications at use levels of 0.5 – 2.0%. No further testing is required at this time.

1. Federal Food, Drug and Cosmetic Act. U.S Food and Drug Administration. [www.fda.gov](http://www.fda.gov).