



Safety Statement

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Product Name: ACB Bamboo Isoflavones PF

Code: 20433PF

INCI Name: Lactobacillus/Arundinaria Gigantea Leaf Ferment Filtrate

ACB Bamboo Isoflavones PF is manufactured by macerated bamboo (*Arundinaria gigantea*) leaves and fermenting them with *Lactobacillus*. The ferment is filtered to isolate desired components.

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 Bamboo Isoflavones PF is removed by filtration. Since *Lactobacillus* species and bamboo are both of natural origin and 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

ACB Bamboo Isoflavones 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 Bamboo Isoflavones PF in cosmetic applications at use levels of 1.0 – 10.0%. No further testing is required at this time.

1. Federal Food, Drug and Cosmetic Act. U.S Food and Drug Administration. www.fda.gov.