



Safety Statement

info@activeconceptsllc.com • Phone: +1-704-276-7100 • Fax: +1-704-276-7101

Product Name: Phyto-Biotics Acai®

Code: 16587

INCI Name: Euterpe Oleracea Fruit Extract

Phyto-Biotics Acai® is manufactured by mechanically grinding/milling *Euterpe oleracea* fruit, then inoculating the fruit cells with *Leuconostoc*. The mixture is then filtered and extracted in water.

Leuconostoc is a genus of microorganisms used to produce a variety of food products. Most commonly, it is one of the types of microorganisms used to convert cabbage into sauerkraut. *Leuconostoc* is a type of Lactic Acid Bacteria (LAB) and converts various sugars into lactic acid. Any existing LAB in Phyto-Biotics Acai® is removed by filtration. Since *Leuconostoc* 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

Euterpe oleracea, commonly known as acai, is widely used in food and wellness products. Because of this, it may also be classified as GRAS by the FDA.¹

Phyto-Biotics Acai® was analyzed for its effect on cell viability. It was proven to increase both cell viability and metabolism.

Phyto-Biotics Acai® 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 Phyto-Biotics Acai® 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." FDA. <http://www.fda.gov/regulatoryinformation/legislation/federalfooddrugandcosmeticactFDCA/default.htm>