



Consistent Reliable Sustainable

BAO-ACTIVE - *Adansonia digitata* fruit extract

Baobab (*Adansonia digitata*) is an iconic African tree, known for its impressive size and long lifespan (among the longest lived trees in the world). The tree is well known for its nutritional benefits, as its fruit is rich in vitamin C, calcium, and other essential nutrients. Baobab oil, made from the fruit, is a popular ingredient in high quality personal care products.

Baobab extract, offered by DLG Naturals as “Bao-Active,” has been specially formulated for cosmetic applications as an emollient that contains essential minerals and vitamins.

Potential benefits of Bao-Active:

1. Youthful skin: The extract is high in antioxidants, which can help protect the skin against environmental stressors. These antioxidants can also help to combat the signs of aging (fine lines and wrinkles) by neutralizing free radicals that can damage the skin.
2. Soothing: Bao-Active also contains anti-inflammatory compounds that can help reduce redness and irritation.
3. Powerful: The extract offers numerous benefits for the skin. Its antioxidant, anti-aging, brightening, hydrating, and soothing properties make it a versatile ingredient for use in a wide range of cosmetics and personal care products - from moisturizers and serums to facial masks and body lotions.

Usage:

The appropriate percentage of Bao-Active for use in cosmetic formulations varies depending on the specific product, desired effects, and overall formulation. Generally, extracts like this are added in small concentrations to ensure product stability, safety, and effectiveness.

As a general guideline, Bao-Active could be used in concentrations ranging from 0.1% to 2%, perhaps higher, depending on the product formulation and manufacturer's recommendations.

When formulating a cosmetic product, DLG Naturals recommends consulting with a cosmetic chemist or follow recommended guidelines by the raw material manufacturer to determine the appropriate concentration. It's also crucial to consider any potential interactions with other ingredients, product pH, and stability to ensure a safe and effective final product.

While Bao-Active is believed to offer various benefits in cosmetic products, it is essential to note that individual results can vary. Further, how Bao-Active is used is entirely at the discretion of the user. In the United States, the Food and Drug Administration (FDA) has specifications pertaining to labeling and promotion of cosmetics regarding health and medical claims. For more information, please refer to the FDA site [here](#). “Bao-Active” is offered by DLG Naturals for external use only.

