



In partnership with



ProTec
Botanica

Organic Baobab Oil

Nourishing Skin. Naturally.

Baobab oil is the natural choice for healthy skin. Baobab oil has been found to be significantly hydrating, moisturising and having occlusive properties when topically applied to the skin whilst clinically found to be non-irritating. Baobab oil has a unique fatty acid profile with a functional balance of palmitic, linoleic (omega 6) and oleic (omega 9) acids. The combination of oleic acid and linoleic acid are known to soften the skin and to restore and moisturise the epidermis. These fatty acids regenerate the epithelial tissues making it an excellent oil for cosmetic use. The high palmitic acid content helps stabilise the oil and reduce rancidity. Baobab oil is a valuable functional ingredient for cosmetic and cosmeceutical applications. (Komane et al, 2017).

The extraordinary baobab tree has some intriguing talents. While the majestic and striking silhouette of this iconic tree has become well known and is recognised around the world, what is less known is its special skills of survival. For one thing, it's curiously resistant to being killed. Often described as a tree of exceptional resilience and vitality, it is the only tree species that can survive significant stripping of its bark from elephants and humans. It simply regrows a new layer of bark almost like a skin, in effect healing itself. Another talent is its ability to withstand arid and inhospitable terrain. Because of its ability to store hundreds of litres of water, it's able to thrive in harsh, almost desert-like conditions. Finally, its longevity is legendary. Certainly able to live up to 1000 years, there are even some reports of baobab trees living for up to 5000 years!



A member of the LPC Group



London Pharma &
Chemicals Group Ltd

| Typical Fatty Acid Profile | % |
|----------------------------|-------------|
| Palmitic Acid C16:0 | 18% - 30% |
| Stearic Acid C18:0 | 1.0% - 6.0% |
| Oleic Acid C18:1 | 23% - 44% |
| Linoleic Acid C18:2 | 25% - 37% |
| Linolenic Acid C18:3 | 0.2 - 3.0 % |

How we make our baobab oil

Baobab fruit grow on large deciduous trees found throughout the savannas of Africa. The fruit mature during the dry season and drop off the trees when ready to harvest. The rural community people collect the fruit from under the trees which are then transported to our processing facility. Here, the hard outer capsule of the fruits are cracked open revealing both powder and seeds which are then removed. It is these seeds from which the oil is produced.

Firstly the extracted seeds are washed to remove a powder coating and then air dried in the hot sun. The oil is obtained by cold mechanical extraction using a screw expeller, filtered and packed with no further refining or processing. The Baobab Seed Oil is 100% pure, natural, cold pressed and certified organic – a quality of which the partnership of ProTec Botanica and EcoProducts are very proud of in bringing to the market.

References: Komane B.M., Vermaak I., Kamatou G.P.P., Summers B., Viljoen, A.M. 2017. Beauty in Baobab: a pilot study of the safety and efficacy of *Adansonia digitata* seed oil. *Revista Brasileira de Farmacognosia*. Vol 27 (1) 1 - 8.



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