

Açaí oil

Product:	Açaí Oil	Colour:	Greenish
Code:	PA3016	Odour:	Characteristic
CAS Number:	861902-11-6	Solubility:	Water insoluble
INCI Name (CTFA):	Euterpe oleracea fruit oil	Apperance:	Viscous liquid

The popular name for this palm tree is "açaizeiro" (Euterpe oleracea) and it is a tropical palm tree cultivated in several estates of Brazil, like Acre, Amapa, Maranhao, Para and Rondonia. Brazil is the largest producer, consumer and exporter of this fruit.¹

Properties

The açaí oil has high content of lipids (rich in fatty acids monounsaturated and polyunsaturated, respectively 60 and 14%²), proteins, fibers, vitamin E, minerals and anthocyanin as well.³

Is used as anti-oxidant and anti-aging in cosmetic formulations, as well as in treatments and preventions of skin disorders (related to free radicals and oxidative processes) due to the high levels of anthocyanins, found in fruits.⁴

Indication

A lot of application for açaí oil may be used: shampoos, conditioners, masks, moisturizers for hair and body, exfoliating, nail polish, lipstick.⁵

Quality / Differential

Product 100% Natural

One of the differentials to be highlighted from the oils and vegetable butters produced by Citróleo is that during its process of obtaining, they are not submitted to the refining stage. It would be at this stage that they would be exposed to high temperatures in order to be neutralized, clarified and deodorized. However, this type of technique degrades several biomolecules of high nutritional value, naturally present in oils and butters, such as vitamins (responsible for benefits such as antioxidant power) and thermo sensitive carotenoids (which act to maintain the health of the skin). Already in the process of obtaining cold pressing, used by Citróleo, the fruits are selected and the natural maturation time is respected, preserving their compounds and guaranteeing their properties, since they do not undergo the thermal stress of refining.

Product 100% Pure

Another important differential is that the company does not perform any kind of blend for adulteration of the oils and butters it produces, since the oils used for this purpose have no nutritional benefit or any value that can be added in a final cosmetic. Thus, the plant products offered by Citróleo maintain their natural aspects, like characteristic color and odor, physical form and actual concentration of the substances of interest.

Dosage / Usual Concentration

Liquid and bar soap: 0.1 to 5%
Cream and lotion: 0.5 to 10%

References

- [1] MENEZES, E.M.S. 2005. Efeito da alta pressão hidrostática em polpa de açaí pré-congelada (*Euterpe oleracea*, Mart.). Dissertação de Mestrado em Ciência e Tecnologia de Alimentos, Universidade Federal Rural do Rio de Janeiro, Seropédica, RJ. 83pp.
- [2] NASCIMENTO, R.J.S.; COURI, S.; ANTONIASSI, R.; FREITAS, S.P.; Composição em Ácidos Graxos do Óleo da Polpa de Açaí Extraído com Enzimas e Com Hexano, 2008.
- [3] CUNHA, C. R. et al. Caracterização físico-química da polpa de indivíduos experimentais de açaizeiro (*Euterpe oleracea* Mart.) com alta produtividade. IX Congresso Brasileiro de Sistemas Agroflorestais Ilhéus, BA, 14 a 18 de Outubro de 2013.
- [4] TABARIN, V. P.; GONÇALVES, G. M. S. Obtenção de lipossomas contendo extrato de açaí (*euterpe oleracea* mart) para uso em cosméticos. Anais do XV Encontro de Iniciação Científica da PUC-Campinas - 26 e 27 de outubro de 2010.
- [5] SEBRAE: Boletim – Produtos à base de açaí brasileiro já agregam versões em diferentes setores, 2015.