

100% Organic Baobab Oil

DS - Data Sheet

Product code: OBO-BIO

Commercial Name:	100% Organic Baobab Oil
Code:	OBO-BIO
Botanical description:	Adansonia digitata L., Bombacaceae
Harvest time:	January – May
INCI/CTFA :	Adansonia Digitata Seed Oil
CAS Number EU:	91745-12-9
CAS Number US:	225233-93-2
EINECS Number:	294-680-8
Colour:	Golden-Yellow
Consistency:	Clear liquid, slightly opalescent
Odour /Flavour:	Slight nutty scent
Processing:	Full traceability of in-house processed seeds, screw pressing (T.< 48°C) decantation, paper filtration. Processing all over the year 24/7
Harvested & Processed in:	Senegal, Tambacounda / Thiés
Additives and preservative agents:	None
Certifications:	-According to USDA-NOP, 100% Organic certified by Bioagricert S.r.l. – ITBIO 007 -HACCP – Internal Audits
Manufacturer:	BFCS Baobab Fruit Company Sénégal sarl In the processing plant in TOUBA PEYCOUCK – THIES – SENEGAL
Approval:	For cosmetics
Packaging:	190 Kg Metal Drum or 10 kg / 20 kg HDPE Jerrycan In accordance with EC 1935/2004
Dosage:	0,5 - 100 %
Shelf life:	30 months in unopened original packaging.

BFCS - Baobab Fruit Company Senegal

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Storage conditions:

Well closed < 18 °C; away from light, heat and humidity. The Baobab oil, if subjected to temperatures below 15°C, can develop triglycerides rubbers.

Applications:

Cosmetic applications: natural moisturizer, sun-care, skin-care, body-care, creams and face masks, body lotions, hair-care, shampoos and conditioners, lip balms, nail-care, bath oil, massage oil, anti-aging and soothing for wrinkles.

Main Properties:

Alfa and Beta Carotenes, Calcium, Mucilage, Rubbers, Uronic Acid, Ramnose, Acid Glutamic, Tannins, Fatty Acids, Phytosterols, Vitamin E (Tocopherol).

Physical and chemical properties:

Flash Point:	340°C
Density at 20 °C:	0,85-0,95 g/cm ³
Water Content:	< 0,1 %
Acidity in Oleic Acid:	0,15-0,5 g/100g
Saponification number:	140-205 mg _{KOH} /g
Peroxide number:	< 10 meq _{O2} /kg
Iodine number:	65-95 mg _{I2} /100 g
Solubility in Water:	Insoluble
Refractive Index:	1,46 -1,48
Solubility in Oils:	Soluble in aromatic hydrocarbon solvents, vegetable and mineral oil.
Allergen labelling, gluten, lactose:	According to 2000/13/EC et sqq., no allergens; naturally gluten and lactose free
GMO:	According to 2007/834/EC; not contain any GMOs
Radiation	According to 2007/834/EC; no radiation
Halal:	Qualified, non-certified

Main fatty acids, average values in %:

16:0 Palmitic acid	18-46%
18:0 Stearic acid	< 6 %
18:1 Oleic acid	30-42%
18:2 Linoleic acid	12-35%
18:3 Linolenic acid	< 2%

Phytosterols, average value in %:

Total phytosterols:	0,4-0,6%
thereof β -Sitosterol	70-80%
thereof Campesterol	9-11%
thereof Stigmasterol	2-4%
Gamma Tocopherol	70-75 mg/100g
Vitamin E (Tocopherol):	9-11 UI/100g

Microbiological characteristics per g of Oil:

Total plate count:	< 10 ² CFU
Moulds:	< 10 ² CFU
Erucic acid:	
Conform to 807/2003/EC et sqq	<0,05 %
Pesticides:	Conform to 889/2008/EC et sqq <0,01 ppm
Dioxins:	Total WHO-PCDD/F-TEQ on the whole product Conform to 1881/2006/EC et sqq.
Heavy metals:	Conform to 1881/2006/EC et sqq
Aflatoxines (B1,B2,G1,G2)	< 4.00 µg/Kg (ppb)
Allergen labelling, gluten, lactose:	According to 2000/13/EC et sqq., no allergens; naturally gluten and lactose free
GMO:	According to 2007/834/EC; not contain any GMOs
Radiation	According to 2007/834/EC; no radiation
BSE / TSE:	Absent

BAOBAB OIL IS SUITABLE FOR EXTERNAL USE ONLY

While the information contained in the following note, are presented in good faith and believed to be accurate on the base of the references cited, they are provided for guidance only. Because many factors may affect processing or application/use, we recommend that you make test to determine the suitability of the product for your particular purpose prior to use.