



biomega

A few engaged food science engineers have the mission to ease conditions of life in the poorest regions of western Africa by producing special commodities for the food and cosmetic sectors.

Our longtime experiences in foodstuff and cosmetics allow us to produce high quality products by working closely, directly and co-operative with the rural communities and our African partner companies.

For our clients we offer customized products and solutions for their needs and requirements. We provide professional advisory service concerning questions of food regulatory, technical details and marketing.

Biomega e.U.

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baobab
superfruit

bi@mega®

about baobab

Gigantic

- > 1000 years
- 4500l water storage
- Roots extend an area of about 100m
- Height 30m, diameter 11m, branches of 50m

Useful

- Leaves, bark, roots, fruits, seeds
- Foodstuff, cosmetics, medical applications
- For humans and animals

Fruits

- Pollination by fruit bats
- 150-250 large green fruits per tree
- Naturally dehydrated fruits
- Containing dry, powdery pulp, red funicles, oil seeds

Seeds

- Cold pressed oil
- Press cake

fruit pulp

Characteristics

Powder
White peach, beige

Nutritional value

- 50% Dietary fibres
- Rich in vitamin C
- Rich in minerals e.g. calcium

Health properties

- Antioxidant (ORAC 250µmol TE/g)
- Anti-microbial
- Anti-dysentery, anti-diarrhea, immunostimulant
- Hepatoprotective
- Anti-inflammatory, analgesic, anti-pyretic



cold pressed oil

Characteristics

Gently cold-pressed, pure, unrefined, golden-yellow

Natural ingredients

- 30% SFA: Palmitic and stearic acid
- 65% UFA: Oleic and linoleic acid
- 5% CPFA: Malvalic and sterculic acid
- Phytosterols esp. β -sitosterol
- Vitamin E

Properties

- Helps against athlete's foot, candidiasis
- Soothing, moisturising
- Skin-friendly
- Conducive to elasticity
- Anti-aging agent
- Against sun damage
- Against skin inflammations, eczema and acne



oil press cake

Characteristics

The residue after pressing oil

Natural ingredients

- 15% Oil
- 25% Proteins
- 5% Minerals
- 25% Digestible carbohydrates
- 25% Crude fibres

Properties

- Nutritious ingredient for pet-food
- Cosmetics e.g. as scrub

heart-warming start in the winter time:

1 tsp. ground fresh ginger (2-3g)
Juice of ¼ lemon (15ml) and lemon zests
2-3 tsp. sugar (10-15g)
Add 1 cup hot water (300ml)
Brew it for 5 min. Sieve it.
Add 2 tsp. baobab fruit pulp (6g)
Add 1 pinch muscat

enjoy!

