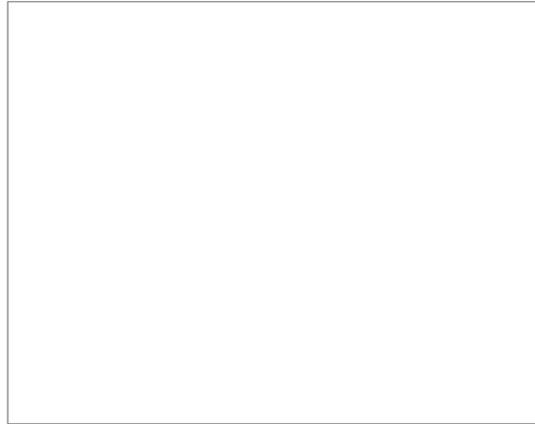


# AMANACI

Produtos naturais da Amazônia

PRODUCT DATA SHEET



## AMANACI COPAIBA OIL – RAW

### INTRODUCTION

We, at **Amanaci**, combined the ancient knowledge of Amazon Indians and modern science to develop the best and purest raw materials from the Amazon Rainforest. It's no secret that wild plants contain more ingredients than their cultivated cousins.

Amanaci working effectively with Indigenous Peoples and free cooperatives to carefully select the best raw materials, using only best quality resins obtained from the wild *Copaifera* Trees from the deep of the Amazon Rainforest origin exclusively. Each tree is geographically recorded and is obtained by sustainably drilling the trunk of the tree. The openings are carefully closed with clay, wooden studs and a closable gutter.

By using our raw materials found only in the rainforest, your Company or Brand helps to re-finance our own reforestation projects and rainforest communities create fair income that allows them to protect their forests.

#### **Further benefits with our Copaiba Oil**

✓ 100 % free of solvents      ✓ 100 % free of pesticides      ✓ 100 % Rainforest protection

### PRODUCTION

**COPAIBA OIL** from Amanaci is 100% natural and produced extremely sustainable by multiple trained staff, sustainable management and the knowledge of indigenous people.

At Amanaci the Copaiba Oil is tapped every quarter fresh and will **not** mixed / adulterated / diluted with other Oils, Alcohol or Glycerin how some companies often offered. Our pure resin is filtered only with a mech. sieve and is filled directly into food-grade bulk containers. Since there are no intermediaries, contamination is excluded and we guarantee the purest quality.

## PROPERTIES

Copaiba Oil has been traditionally used in folk medicine as a natural antibiotic and for the treatment of different various disorders. The raw Oil seems to have different functions and is known for its anticolitique, anti-inflammatory, antiseptic, antitetanus and anti-blenorrhagea properties. It contains a number of bioactive compounds and acids like (-)-copalic acid and shows also the highest Level in  $\beta$ -Caryophylle which is commercially known from the Cannabis Oil (Copaiba  $\approx$  480.000 ppm; Cannabis  $\approx$  120.000 ppm).

It is considered to be an effective support for different skin conditions like Dermatitis and Eczema but as well in the area of anti-aging, insect repellent and the parfume-industry. Recent Studies suggest a big potential on Throat and bronchial problems such as COPD, Bronchitis, Pneumonia and Tonsillitis but also at urinary tract infections and Gastritis also look very promising.

The beneficial effects on his anti-Inflammatory Actions on induced Arthritis has been confirmed by different clinical and experimental trials (J Cell Biochem. 2017 Oct;118(10):3409-3423. doi: 10.1002/jcb.25998. Epub May 25, 2017). This scientific opinion underwrites the anti-inflammatory properties of raw Copaiba Oil.

## TRADITIONAL USES

Provided for informational purposes only! No intake recommendation is given.

- Natural antibiotic
- Bacterial & fungal infections, poorly healing wounds, worm and parasite cleanse

## COSMETIC APPLICATIONS

### Potentization of Formulations

Concentration: 0,3 – 5%

Meaningful Combination:

- Andiroba Oil
- Mulateiro Extract
- Pracaxi Oil

### Various skin problems

Concentration: up to 100%

Meaningful Combination:

- Andiroba Oil
- Bacuri Butter
- Mulateiro Extract

### Assistance with Anti-Aging formulations

Concentration: 0,3 – 5%

Meaningful Combination:

- Andiroba Oil
- Buriti Oil
- Pequi Oil
- Cupuacu Butter
- Mulateiro Extract
- Brazil Nut Oil

## THERAPEUTIC APPLICATIONS

### Medicinal ointments

Concentration: 1 – 15%

Meaningful Combination:

- Andiroba Oil
- Bacuri Butter
- Mulateiro Extract
- Tonka Bean Oil
- Pracaxi oil

### Medicinal Natural & functional Cosmetics

Concentration: 10 – 100%

Meaningful Combination:

- Andiroba Oil
- Pracaxi oil
- Buriti Oil
- Bacuri Butter
- Pharmaceutical agents

### Natural Anti mosquito spray

Concentration: 10 – 40%

Meaningful Combination:

- Andiroba Oil
- Citronella Oil

### Liquid Skin Bandage

Concentration: 10 – 30%

Meaningful Combination:

- Andiroba Oil
- Bacuri Butter
- Mulateiro Extract

## VETERINARY APPLICATIONS

Documented security with Horses, Dogs, Cats, Poultry and Rodents.

### Infectious skin diseases

Concentration: 60 – 100%

Meaningful Combination:

- Andiroba Oil
- Pracaxi Oil
- Bacuri Butter

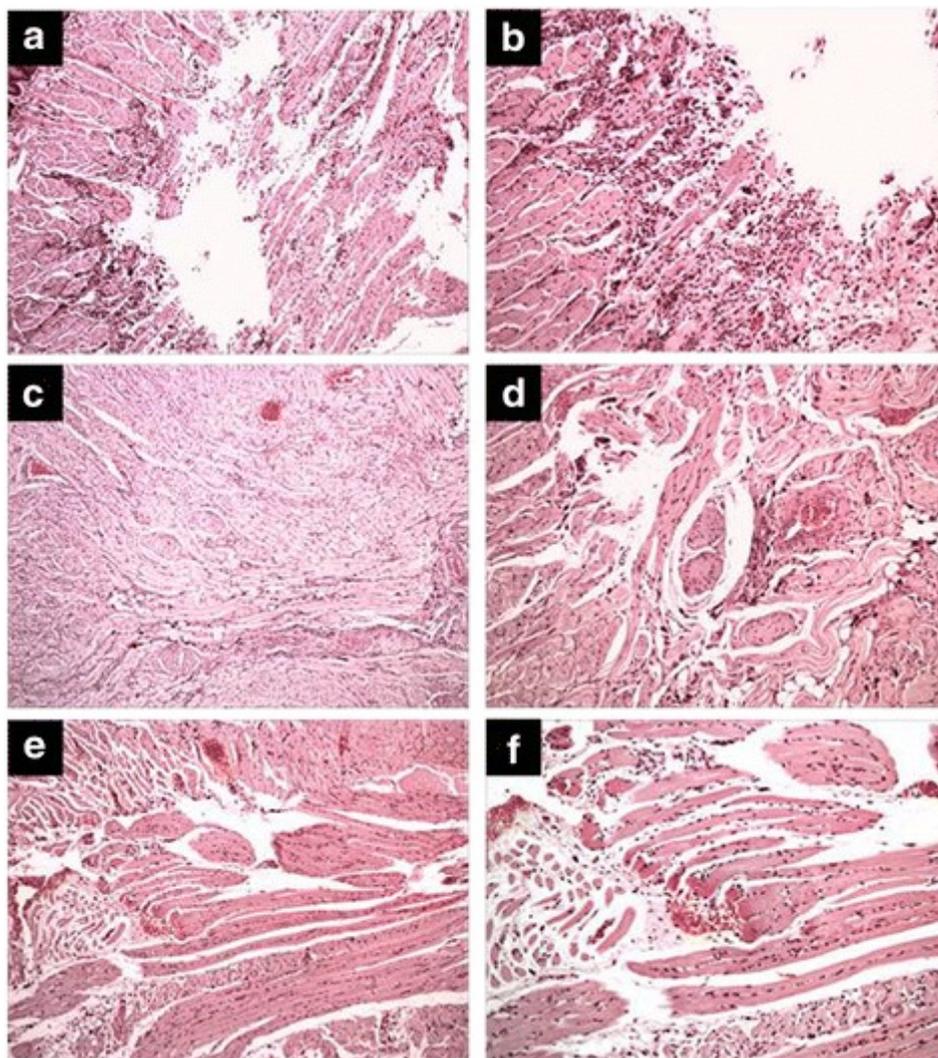
### Natural antibiotic for the efficient and ecological Farming (Documented with oral feeding on 0.15 ml / kg-1.)

Concentration: 80 – 100%

Meaningful Combination:

- Andiroba Oil
- Significant Reduction of classic antibiotics like Colistin, Tetracyclin, Tylosin, Dexamethason

The beneficial effects as a potential substitute to antibiotics has been confirmed by different clinical and experimental trials (ISSN: 2359-3997, Mem Inst Oswaldo Cruz, Rio de Janeiro, Vol. 103(3): 277-281, May 2008, UFRJ, UFAM). The scientific opinion shows bactericidal activity within 3 hours and the bacteriostatic Effect of Copaiba Oil (*Copaifera officinalis*) against *Streptococcus mutans* and MRSA.



Effect of treatment with copaiba oil-resin on transfixing lesions in rats' tongues stained by hematoxylin and eosin (HE). Panels (a and b) represent the control group. Panels (c and d) represent the dexamethasone group. Panels (e and f) represent the copaiba oil-resin group. It is found that the groups dexamethasone and copaiba oil-resin showed similar aspects decreasing chronic inflammatory infiltration and edema, compared to the control group.

The results demonstrate that copaiba oil-resin in a concentration of 40% reduced the number of inflammatory on animal cells after 7 days of injury, which is similar to that found in animals treated with dexamethasone.

(PMCID: PMC5471965, PMID: 28615025, BMC Complement Altern Med., 2017 – 10.1186/s12906-017-1820-2).  
Image-Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5471965/>

The beneficial effects on his wound healing activities in horses has been confirmed by experimental trials (Cienc. Rural vol.47 no.4 Santa Maria 2017 Epub March 06, 2017). This scientific opinion underwrites the regenerative properties of raw Copaiba Oil in concentrations from 1 to 10%.

### FURTHER APPLICATIONS

#### Natural Anti mosquito Candles

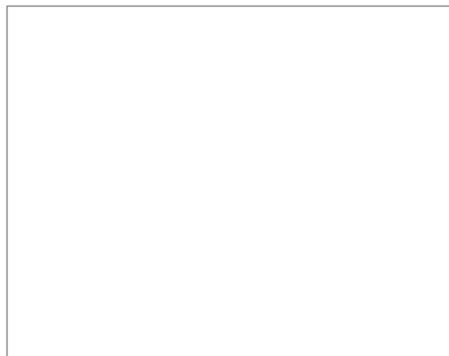
Concentration: 5 – 15%

Meaningful Combination:

- Andiroba Oil

### BIOACTIVE SUBSTANCES

$\beta$ -Caryophyllen,  $\beta$ -bisabolene, kaurenoic acid, trans- $\alpha$ -bergamotene,  $\beta$ -selinene,  $\beta$ -elemene,  $\alpha$ -selinene,  $\alpha$ -bulnesene, (Z)- $\alpha$ -bisabolene, (E)- $\gamma$ -bisabolene,  $\beta$ -sesquiphelandrene, Copalic acid,  $\alpha$ -humulene



### SPECIFICATION

#### **Product Information**

Origin of the Trees

Quality of the Resin

Shelf life

Re-test date

Commercial expiry date:

Storage

Storage temperature

Transport temperature

Classification

Radiation

#### **Facts**

Amazon, Brazil

Wild Grown, Single-origin / homogeneous

18 months

24 months

store cool, dry and protected from light

<15 °C

≤10 °C

Oil-Resin

Not treated with ionising radiation or irradiated

#### OFFICE & WAREHOUSE

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