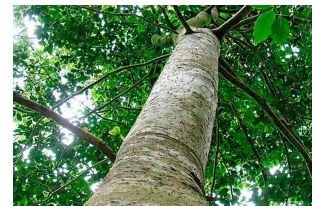


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TECHNICAL DATA SHEET

COPAIBA OIL (*Copaiba L*)



Origin: Venezuela

Botanical Family: Fabaceae-Caesalpinioideae

Method of Culture: Harvested controlled for sustainability.

Part Harvested: Oil obtained from drilling the trunk of the copaibo tree in a sustainable way. After collection the wound is closed using natural oleoresins to prevent infections and further damages to the plant

Harvest Periods: January to June.

CAS NUMBER: 8001-61-4

Copaifera, known as “copaibeira” and “pau d’oleo”, is native to the tropical regions of South America and grows abundantly in Bolívar state of Venezuela. Display a wide range of pharmacological properties, including significant antiinflammatory, analgesic, antileishmanial, antimutagenic, and gastroprotective action.

Specific Description

Odour: Slightly woody

Appearance: Liquid

Colour: 6.14 Yellow color trend

Solubility in water: Insoluble

Foreign matter: Absent

Physical, chemical and microbiological properties

Moisture máx: 0.05%

Refractive index nD20: 1.3764-1.4950

Melting Point (°C): <10

ACID VALUE (mgKOH/g) IN HOT: 60.95

ACID VALUE (mgKOH/g) IN COLD: 30.10

IODINE VALUE (WIJS): 50-80

I.P.O meq-gO2/Kg: 1.99

VISCOSITY (cP): 164

Specifications

Oil 100% natural. No filtering process. No deodorizing. Free of additives.

Handling and storage

Store in a cool, dry location, below 30°C, in a sealed container in a well-ventilated area. Do not store near heat, sparks, or flame. Never use pressure to empty. Do not puncture, drag or slide containers

Presentation: Drums

Created: 08.02.2022 R. Guzmán PhD	Checked: 18.02.2022 J. Rojas	Released: 19.02.2022 R. Guzmán PhD
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