

Product: **Acai Oil (Unrefined)**

Item Number: 484376

INCI Euterpe Oleracea Fruit Oil

CAS # 861902-11-6

DESCRIPTION Açai Oil is a natural oil extracted from the fruit of the açai palm. Rich in essential fatty acids (primarily oleic and palmitic acids), phytosterols, and potent antioxidants such as anthocyanins and tocopherols, it provides excellent emollient, anti-aging, and skin-protective benefits. Its lightweight, non-greasy texture makes it well-suited for both skincare and haircare formulations focused on nourishment and antioxidant protection.

APPLICATION

Personal Care: Used in facial oils, serums, moisturizers, lip balms, hair treatments, and anti-aging formulations for moisturization, antioxidant defense, and skin barrier support.

Pharmaceutical: Used in topical formulations for skin repair, inflammation reduction, and antioxidant support.

Pet Care: Used in premium skin and coat products for moisturization and antioxidant enrichment.

Food and Beverage: Used as a functional ingredient or supplement due to its high antioxidant content.

TYPICAL PROPERTIES

Appearance (25°C)	Dark green liquid
Acid Value (mg KOH/g)	20.0 Max.
Peroxide Value (meq. O ₂ /kg)	15.0 Max.
Iodine Value (g I ₂ /100g)	60 - 90
Saponification Value (mg KOH/g)	180 - 200
Density (25°C) (g/mL)	0.900 - 0.940
Refractive Index (40°C)	1.4601 - 1.5898
Unsaponifiable Matter (%)	2.0 - 3.0
Melting Point (°C)	4.0
Fatty Acid Composition	
Palmitic Acid (%)	17.0 - 28.0
Palmitoleic Acid (%)	2.0 - 6.0
Stearic Acid (%)	1.5 - 6.0

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Oleic Acid (%)	40.0 – 60.0
Vaccenic Acid (%)	3.0 – 4.5
Linoleic Acid (%)	10.0 – 22.0
Saturated (%)	26.0 – 30.0
Unsaturated (%)	70.0 – 74.0

HANDLING & STORAGE

Store in original sealed container in a cool, dry, and well-ventilated area. Keep away from direct sunlight. Handle in accordance with good industrial hygiene and safety practices.

PACKAGING

1 KG BOTTLE; 4.5 KG DRUM; 10 KG DRUM; 25 KG DRUM; 48 KG DRUM; 100 KG DRUM