



## Buriti Fruit Oil

INCI: Mauritia Flexuosa (Buriti) Fruit Oil  
Product ID: OILBURITIEXPBR243

### Specifications

#### Analytical Details

**Appearance (25 °C):**

**Color:**

**Odor:**

**Moisture & Volatiles:**

**Relative Density (25 °C):**

**Refractive Index (25 °C):**

**Free Fatty Acid (as Oleic):**

**Saponification Value:**

**Iodine Index:**

**Peroxide Value:**

**Viscosity:**

**Impurities:**

**Unsaponifiables:**

**Melting Point:**

#### Methods

Visual

Visual

Organoleptic

AOCS Ca 2c - 25

AOCS Cc 10a - 25

SEISS 40 °C

AOCS Ca 5a - 40

AOCS Cd 3 - 25

AOCS Cd 1 - 25 (93)

AOCS Cd 8 - 53

AOCS Ca 3 - 46 (97)

AOCS Ca 3a - 46 (97)

AOCS Cc 3 - 25

#### Specifications

Bright, Oily, Viscous Liquid

Reddish Orange to Garnet

Natural; Characteristic

≤ 0.5%

0.900 - 0.930 g/cm<sup>3</sup>

1.350 - 1.490

≤ 10.0 mg KOH/g

≤ 215 mg KOH/g

50 - 80 g I<sub>2</sub>/100g

≤ 10 meq/kg

≤ 300 CP

≤ 1.0%

≤ 2.0%

2 - 5 °C

#### Typical Fatty Acid Profile

**C12:0 Lauric:**

0.0 - 0.2%

**C14:0 Myristic:**

0.0 - 0.2%

**C16:0 Palmitic:**

8 - 15%

**C16:1 Palmitoleic:**

0.0 - 0.5%

**C18:0 Stearic:**

1 - 5%

**C18:1 Oleic:**

45 - 65%

**C18:2 Linoleic:**

15 - 25%

**C18:3 Linolenic:**

0.5 - 1.5%

**C20:0 Arachidic:**

0.0 - 0.5%

**C20:1 Eicosenoic:**

0.0 - 0.5%

**C22:0 Behenic:**

0.0 - 0.5%

**Shelf Life:**

2 Years

**Date:** 06/04/2024

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