

TECHNICAL DATA SHEET

Product Name	BURITI OIL
Botanical Name	Mauritia flexuosa
Product Code	PCO4047
CAS #	394239-67-9
INCI Name	Mauritia Flexuosa (Buriti) Fruit Oil

Part Used	Fruit
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Reddish orange colored liquid
Odour	Characteristic mild natural odour
Refractive Index	1.430 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.980 @ 20°C
Saponification Value (mgKOH/g)	150 – 210
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	65 – 95
Free Fatty Acids (% oleic)	Less than 2.0
Acid Value (mgKOH/g)	Less than 4.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	8.00 – 20.00
Stearic Acid	C18:0	Maximum 3.00
Oleic Acid	C18:1 (n-9)	60.00 – 85.00
Linoleic Acid	C18:2 (n-6)	3.00 – 8.00
Alpha-Linolenic Acid	C18:3 (n-3)	2.00 – 10.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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