

CERTIFICATE OF ANALYSIS

Product Name	MURUCI OIL
Botanical Name	Byrsonima crassifolia
Product Code	PCO4122

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden colored liquid
Odour	Characteristic slight fruity odour
Refractive Index	1.460 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	110 - 130
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	30 - 50
Acid Value (mgKOH/g)	Less than 6.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	4.00 – 8.00
Stearic Acid	C18:0	4.00 – 10.00
Oleic Acid	C18:1 (n-9)	45.00 – 55.00
Linoleic Acid	C18:2 (n-6)	30.00 – 40.00
Alpha-Linolenic Acid	C18:3 (n-3)	0.50 – 2.00

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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