

TECHNICAL DATA SHEET

Product Name	CAIAUE (OJON) OIL
Botanical Name	Elaeis oleifera
Product Code	PCO4120

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Light red to red orange colored liquid
Odour	Characteristic odour
Refractive Index	1.450 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.950 @ 20°C
Saponification Value (mgKOH/g)	180 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	50 - 70
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Lauric Acid	C12:0	11.00 – 14.00
Myristic Acid	C14:0	3.00 – 5.00
Palmitic Acid	C16:0	16.00 – 19.00
Stearic Acid	C18:0	4.00 – 6.00
Oleic Acid	C18:1 (n-9)	36.00 – 40.00
Linoleic Acid	C18:2 (n-6)	12.00 – 15.00
Behenic Acid	C22:0	2.00 – 4.00
Lignoceric Acid	C24:0	1.00 – 3.00

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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