

TECHNICAL DATA SHEET

Product Name	PALM OIL
Botanical Name	Elaeis guineensis
Product Code	PCO4070
CAS #	8002-75-3
EINECS #	232-316-1
INCI Name	Elaeis guineensis (Palm) oil

Batch #	40701805
Manufacturing Date	MAY 2018
Best Before Date	APRIL 2020

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	White to off-white semi-solid, clear bright liquid when melted
Odour	Almost odourless
Refractive Index	1.448 - 1.452 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	195 - 205
Peroxide Value (meq O₂/kg)	Less than 1.0
Iodine Value (g I₂/100g)	50 - 55
Free Fatty Acids (% oleic)	Less than 0.1
Acid Value (mgKOH/g)	Less than 0.2
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Myristic Acid	C14:0	0.70 – 1.50	1.20
Palmitic Acid	C16:0	43.00 – 45.00	43.50
Stearic Acid	C18:0	3.00 – 5.00	4.60
Oleic Acid	C18:1 (n-9)	38.00 – 41.00	38.40
Linoleic Acid	C18:2 (n-6)	8.00 – 11.00	9.10
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 0.40	0.3

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paros Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.



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