

TECHNICAL DATA SHEET (TDS)

Product Name	MAMEY SAPOTE OIL
Botanical Name	Pouteria Sapota
Product Code	PCO4135
CAS #	225233-97-6
INCI Name	Pouteria Sapota Seed Butter

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Orangish yellow to golden brown semi-solid
Odour	Mild fruity, sweet aroma similar to cherry almond
Refractive Index	1.430 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	170 - 190
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	60 - 70
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	6.00 – 14.00
Stearic Acid	C18:0	22.00 – 34.00
Oleic Acid	C18:1 (n-9)	42.00 – 56.00
Linoleic Acid	C18:2 (n-6)	4.00 – 11.00

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