

TECHNICAL DATA SHEET

Product Name	MANGO BUTTER
Botanical Name	Mangifera indica
Product Code	PBO6003
CAS #	90063-86-8
EINECS #	290-045-4
INCI Name	Mangifera Indica (Mango) Seed Butter

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Off-white to pale yellow semi-solid fat
Odour	Very mild fatty odour
Melting Point (°C)	31° - 42°
Moisture (%)	Maximum 0.1
Saponification Value (mgKOH/g)	180 - 198
Peroxide Value (meq O₂/kg)	Maximum 5.0
Iodine Value (g I₂/100g)	38 - 55
Free Fatty Acids (% oleic)	Less than 1.0
Acid Value (mgKOH/g)	Less than 2.0
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	4.00 – 9.00
Stearic Acid	C18:0	35.00 – 45.00
Oleic Acid	C18:1 (n-9)	35.00 – 50.00
Linoleic Acid	C18:2 (n-6)	1.00 – 4.00
Arachidic Acid	C20:0	2.00 – 6.00

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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