

Technical Data Sheet

MANGO BUTTER

Product:	Mango Butter
Botanical Name:	Mangifera indica
INCI:	Mangifera indica Seed oil
CAS Number:	90063-86-8
EINECS Number:	290-045-4

Part used	Seeds
Extraction method	Cold pressed
Country of Origin	India
Quality	100% Pure and Natural
Expiration date	2 years

PROPERTIES

Appearance	Pale yellow to golden colored
Odour	Characteristic faint odour
Refractive Index	1.440 - 1.495 @ 20°C
Specific Gravity (g/mL)	0.890 - 0.935 @ 20°C
Saponification Value (mgKOH/g)	170 - 200
Peroxide Value (meq O ₂ /kg)	< 4.0
Iodine Value (g I ₂ /100g)	40.0 - 90.0
Free Fatty Acids (% oleic)	< 1.5
Moisture (%)	< 0.1
Solubility	Soluble in Cosmetic esters and fixed oils; Insoluble in water

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FATTY ACID COMPOSITION

FATTY ACID	C-CHAIN	SPECIFICATIONS (%)
Palmitic Acid	C16:0	4.0 - 10.00
Stearic Acid	C18:0	4.0 - 14.0
Oleic Acid	C18:1 (n-9)	65.0 - 76.0
Linoleic Acid	C18:2 (n-6)	6.00 - 14.00
Arachidic Acid	C20:0	2.00 - 6.00

Disclaimer & Caution: 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. Pure Essentials provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the product, including intellectual property rights of third parties.

MICROBIAL ANALYSIS

Aerobic Mesophilic Bacterial Count
Yeast and Mould
Candida albicans
Escherichia coli
Pseudomonas
Staphylococcus aureus

SPECIFICATIONS

<100 CFU/g
< 10 CFU/g
ABSENT/ 1g
ABSENT/ 1g
ABSENT/ 1g
ABSENT/ 1g

STANDARDS

ISO 21149
ISO 16212
ISO 18416
ISO 18416
ISO 18416
ISO 18416

HEAVY METAL TESTS

Lead (Pb)
Arsenic (As)
Mercury (Hg)

SPECIFICATIONS

< 10 ppm
< 2 ppm
< 1 ppm

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.