

Certificate Of Analysis

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
Odour
Refractive Index
Specific Gravity (g/mL)
Saponification Value (mgKOH/g)
Peroxide Value (meq O₂/kg)
Iodine Value (g I₂/100g)
Free Fatty Acids (% oleic)
Moisture (%)
Solubility

SPECIFICATIONS

Pale yellow to golden colored
Characteristic faint odour
1.440 - 1.495 @ 20°C
0.890 - 0.935 @ 20°C
170 - 200
< 4.0
40.0 - 90.0
< 1.5
< 0.1
Soluble in Cosmetic esters and
fixed oils; Insoluble in water

RESULTS

CONFORMS
CONFORMS
1.45
0.946
186
CONFORMS
CONFORMS
0.01
CONFORMS

FATTY ACID COMPOSITION

FATTY ACID	C-CHAIN	SPECIFICATIONS (%)	RESULTS
Palmitic Acid	C16:0	4.0 - 10.00	6.80
Stearic Acid	C18:0	4.0 - 14.0	7.10
Oleic Acid	C18:1 (n-9)	65.0 - 76.0	70.80
Linoleic Acid	C18:2 (n-6)	6.00 - 14.00	10.80
Arachidic Aci	C20:0	2.00 - 6.00	2.90

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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

RESULTS

CONFORMS
CONFORMS
CONFORMS
CONFORMS
CONFORMS
CONFORMS

HEAVY METAL TESTS

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

SPECIFICATIONS

< 10 ppm
< 2 ppm
< 1 ppm

RESULTS

NOT DETECTED
NOT DETECTED
NOT DETECTED

COMMENTS

Quality is excellent

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.

Product Statement

We hereby certify that our Mango butter, is free of genetically modified materials and components. No ingredients, additives or processing aids of GMO are used in the proces or producing and purifying the oil. To our knowledge is an allergens free product.