

Nature Shop

Product Specifications

Product Code: 001-MBGR-020
Product Description: Mango Butter
Form: Solid at Room Temperature
Colour: Off White

CHEMICAL NAME:MANGO BUTTER

INCI NAME:MANGIFERA INDICA

CAS NUMBER:90063-86-8

| | U.M. | Test Methods | Range |
|-------------------------|----------------------|-----------------|-----------|
| Physical status at 25C° | | Visual | Solid |
| Acid value | mgKOH/g | AOCS Cd3a-63 | <0.5 |
| Iodine value | gI ₂ /100 | AOCS Tg2a-64 | 40 – 55 |
| Saponification value | mgKOH/g | ISO 3657-1988 | 180 – 195 |
| Peroxide value | meq02/Kg | Internal method | <5 |
| Color | Gardner | AOCS 1a64-82 | <4 |
| Unsaponifiable matter | % | Internal method | <5 |
| Pour point | °C | ASTM D97-87 | 27 – 32 |
| Melting point | °C | AOCS Cc3-25 | 29 – 34 |

Fatty acids composition %(GLC):

| | | |
|----------------------|-------|---------|
| Lauric acid | C12:0 | <1.5 |
| Myristic acid | C14:0 | <1.5 |
| Palmitic acid | C16:0 | 11 – 17 |
| Palmitoleic acid | C16:1 | <1 |
| Margaric acid | C17:0 | <0.5 |
| Margaroleic acid | C17:1 | <0.3 |
| Stearic acid | C18:0 | 30 – 45 |
| Oleic acid | C18:1 | 38 – 50 |
| Linoleic acid | C18:2 | 3 – 7 |
| Alpha-Linolenic acid | C18:3 | <0.8 |
| Arachidic acid | C20:0 | <2 |
| Eicosanic acid | C20:1 | <1 |
| Behenic acid | C22:0 | <1 |
| Erucic acid | C22:1 | Tr. |

Microbiological assays:

Mesophilic bacteria (counts/gm): 10
Yeast and Mould (counts/gm): 20
Salmonella: Negative

Storage: Keep in cool dry place

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