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**MANGO KERNAL OIL**  
**INCI: MANGIFERA INDICA (MANGO) SEED OIL**

**Description**

Mango Kernal Oil is composed of refined, fractionated and deodorized vegetable oil taken from the Mango fruit (Mangifera indica). Mango Kernal Oil is semi-solid @ room temperatures.

(INCI: Mango (Magnifera indica) seed oil, EINECS number: 270-311-6, CAS Number: 68424-60-2)

Shelf Life = 2 Years

**SPECIFICATION**

		Corresponding Method of Analysis
Color:	Max 5.0 red	Lovibond 5 ¼"
Acid Value:	Max 0.5	IUPAC 2.201
Peroxide Value (meq/kg)	Max 5.0	AOCS Cd 8b-90
Iodine Value:	55 - 65	IUPAC 2.205
Saponification Value:	185 - 195	

**TYPICAL VALUES**

Consistency @ 20°C):	Semi-Solid	Visual
Unsaponifiables (%):	1	AOCS Ca 6a-40
Hydroxyl Value:	9	AOCS Cd 13-60
Density (g/cm <sup>3</sup> , @25°C):	0.91	IUPAC 2.101
Melting Point (°C):	15	AOCS Cc 3-25
Cloud Point (°C):	14	AOCS Cc 9a-47
Pour Point (°C):	14	AOCS Cc 9a-47
Refractive Index @ 60°C):	1.4532	
Oxidative Stability (hours @ 110°C):	18	Rancimat
Fatty Acid Composition (%):		IUPAC 2.302
	C16:0 8	C18:3 1
	C18:0 27	C20:0 2
	C18:1 52	C22:0 0.5
	C18:2 8	others: 1.5

**Additives**

Citric Acid (%): 0.001

**Packaging:**

Drum

Net Wt: 408 Lbs.

Mango Kernal Oil is especially prepared for cosmetic and pharmaceutical applications. In the cosmetic industry, Mango Kernal Oil finds application in skin care preparations, creams, lotions and sticks.

***You Can Count On Us!***

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Revision