

PRODUCT SPECIFICATION

Product Name	Mango Butter Refined				
Date	21/06/2016	Product Code	WHC007	Rev	6
Reason for Revision	Updated to comply to updated Suppliers Specification				

Description	Mangifera Indica Seed Butter is the fat obtained from the seeds of the Mango, Mangifera indica L., Anacardiaceae		
Appearance	Solid		
Odour	Characteristic		
Application	Raw cosmetic material		
Function	Skin conditioning		
INCI Name	Mangifera indica seed butter		
EINECS Number	290-045-4		
CAS Number	90063-86-3	EC Number	-

TEST SPECIFICATION

Analytical Test	Method	Specification Range
Acid Value(mg KOH/g)	AOCS Cd3d-63	≤ 0.5
Peroxide Value (meqO ₂ /kg)	AOCS Cd8-53	≤5.0
Pour Point °C	ASTM D97-87	43.0-53.0
Melting Point °C	AOCS Cc3-25	45.0-55.0
Colour (Gardner)	AOCS Td1a-64	≤4.0
Iodine Value grI ₂ /100	AOCS Tg2a-64	40.0-55.0
Saponification Value mgKOH/g	AOCS Cd3-25	180.0-195.0
Unsaponifiable matter %	AOCS Ca6b-53	≤5.0
Shelf life	12 months minimum in cool conditions in unopened container.	

TYPICAL FATTY ACID PROFILE

C12:0 Lauric Acid %	≤1.5
C14:0 Myristic Acid %	≤1.5
C16:0 Palmitic Acid %	11.0-17.0
C16:1 Palmitoleic Acid %	≤1.0
C17:0 Margaric Acid %	≤0.5
C17:1 Margaroleic Acid %	≤0.3
C18:0 Stearic Acid %	30.0-45.0
C18:1 Oleic Acid %	38.0-50.0
C18:2 Linoleic Acid %	3.0-7.0

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C18:3 Alpha Linolenic Acid %	≤0.8
C20:0 Arachidic Acid %	≤2.0
C20:1 Eicosenoic Acid %	≤1.0
C22:0 Behenic Acid %	≤1.0
C22:1 Erucic Acid %	Tr.

STORAGE

The reported shelf life is referred to the product stored at room temperature, possibly in the original packaging away from direct sunlight and heat sources.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.



EC Feed Hygiene Registration No: GB/703/E3008

