

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

Bomar Batch Number: P0940 (LOT NUMBER: LOT0011192)

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

PRODUCT CODE: K0624

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 07/04/2021

BEST BEFORE DATE: 07/04/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
ODOUR	ODOURLESS	-
SLIP MELTING POINT (C)	30.0 – 40.0	34.5
FREE FATTY ACID (% AS OLEIC)	<0.25	0.04
IODINE VALUE	40.0 – 55.0	42.15
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	188.0
UNSAAPONIFIABLE MATTER (%)	<3.0	0.75
ACID VALUE (MGKOH/G)	<0.5	0.08
PEROXIDE VALUE	<10.0	0.4
MOISTURE	<0.10	0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 17.0	6.3
C18:0	STEARIC	35.0 – 45.0	40.1
C18:1	OLEIC	35.0 – 50.0	45.2
C18:2	LINOLEIC	<5.0	2.8
C20:0	ARACHIDIC	<6.0	3.9

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