

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

LOT NUMBER: R0802 (LOT0018967)

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: 06/06/2023

BEST BEFORE DATE: 06/06/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
ODOUR	ODOURLESS	-
COLOUR (LOVIBOND 5.25" CELL)	≤ 45Y/ ≤ 5R	30.0Y/ 3.9R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.13
IODINE VALUE	38.0 – 48.0	44.27
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	189.9
UNSAAPONIFIABLE MATTER (%)	≤ 2.0	0.99
SLIP MELTING POINT (C)	30.0 – 40.0	36.0
PEROXIDE VALUE	≤10.0	0.1

FATTY ACID PROFILE		RANGE %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	5.9
C18:0	STEARIC	35.0 – 50.0	46.6
C18:1	OLEIC	35.0 – 50.0	39.9
C18:2	LINOLEIC	1.0 – 4.0	3.4
C20:0	ARACHIDIC	2.0 – 6.0	2.5

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