

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER (BUCKETS)

Bomar Batch: S0302 LOT0020393

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: 25/10/2023

BEST BEFORE DATE: 25/10/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
ODOUR	ODOURLESS	-
COLOUR (LOVIBOND 5.25" CELL)	≤ 45Y/ ≤ 5R	35.0Y, 3.8R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.1
IODINE VALUE	38.0 – 48.0	44.43
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	188.0
UNSAAPONIFIABLE MATTER (%)	≤ 2.0	0.9
SLIP MELTING POINT (C)	30.0 – 40.0	35.4
PEROXIDE VALUE	≤10.0	0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.0
C18:0	STEARIC	35.0 – 50.0	42.2
C18:1	OLEIC	35.0 – 50.0	42.5
C18:2	LINOLEIC	1.0 – 4.0	2.7
C20:0	ARACHIDIC	2.0 – 6.0	4.7

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