

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

Bomar Batch: T0571 LOT0020588

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

PRODUCT CODE: K0280/K0624

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 15/04/2025

BEST BEFORE DATE: 15/04/2027

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	COMPLIES
COLOUR	OFF WHITE – PALE YELLOW	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR (LOVIBOND 5.25" CELL)	$\leq 45Y / \leq 5R$	3.9 R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.07
IODINE VALUE (G I ₂ /100G)	38.0 – 48.0	44.65
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	192.5
UNSAAPONIFIABLE MATTER (%)	≤ 2.0	1.1
SLIP MELTING POINT (C)	30.0 – 40.0	31.5
PEROXIDE VALUE	≤ 10.0	0.26

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	5.75
C18:0	STEARIC	35.0 – 50.0	41.78
C18:1	OLEIC	35.0 – 50.0	43.02
C18:2	LINOLEIC	1.0 – 4.0	2.96
C20:0	ARACHIDIC	2.0 – 6.0	4.19

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