



CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

LOT NUMBER: LOT0014981

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 06/02/2023

BEST BEFORE DATE: 06/02/2025

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	0.09
IODINE VALUE	40.0 – 55.0	CONFORM
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	189.4
UNSATURIFIABLE MATTER (%)	<3.0	0.9
ACID VALUE (MGKOH/G)	<0.5	0.12
PEROXIDE VALUE	<10.0	0.1
MOISTURE	<0.10	CONFORM

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 10.0	8.2
C18:0	STEARIC	35.0 – 45.0	42.7
C18:1	OLEIC	35.0 – 50.0	40.8
C18:2	LINOLEIC	<5.0	3.6
C20:0	ARACHIDIC	<6.0	2.8