

Certificate Of Analysis

Product and SKU: Mango Butter TSK-BUT007

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

LOT NUMBER: LOT0024541

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: 24/10/2024

BEST BEFORE DATE: 24/02/2027

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
ODOUR	ODOURLESS	-
COLOUR (LOVIBOND 5.25" CELL)	≤ 45Y/ ≤ 5R	25.0Y, 3.8R
FREE FATTY ACID (% AS OLEIC)	≤ 0.3	0.06
IODINE VALUE (G I ₂ /100G)	38.0 – 48.0	44.48
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	194.6
UNSAPONIFIABLE MATTER (%)	≤ 2.0	1.2
SLIP MELTING POINT (C)	30.0 – 40.0	32.0
PEROXIDE VALUE	≤10.0	0.46

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.4
C18:0	STEARIC	35.0 – 50.0	40.1
C18:1	OLEIC	35.0 – 50.0	44.2
C18:2	LINOLEIC	1.0 – 4.0	4.0
C20:0	ARACHIDIC	2.0 – 6.0	3.7