

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

Bomar Batch Number: N11147 (LOT0009093)

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

PRODUCT CODE: K0624

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 12/11/2020

BEST BEFORE DATE: 12/11/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER	-
COLOUR	OFF WHITE – PALE YELLOW	-
COLOUR (GARDNER)	<6.0	-
ODOUR	ODOURLESS	-
FREE FATTY ACID (% AS OLEIC)	<0.25	0.08
IODINE VALUE	40.0 – 55.0	46.2
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0	188.0
UNSATURIFIABLE MATTER (%)	<5.0	0.75
ACID VALUE (MGKOH/G)	<0.5	0.18
PEROXIDE VALUE	<10.0	0.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C12:0	LAURIC	<1.5	0.1
C14:0	MYRISTIC	<1.5	0.12
C16:0	PALMITIC	04 - 09	6.4
C16:1	PALMITOLEIC	<1.0	0.08
C18:0	STEARIC	35.0 – 45.0	39.8
C18:1	OLEIC	35.0 – 50.0	45.3
C18:2	LINOLEIC	1.0 – 4.0	2.8
C18:3	LINOLENIC	<0.8	Not detected
C20:0	ARACHIDIC	2.0 – 6.0	3.8
C20:1	ICOLENOIC	<1.0	Not detected
C22:0	BEHENIC	<1.0	Not detected

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