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CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

LOTNUMBER LOT0015518

PRODUCT INCI: MANGIFERA INDICA SEED BUTTER

PRODUCT CODE BUT007

CAS NUMBER 90063-86-8

EINECS NUMBER 290-045-4

MANUFACTURING METHOD EXPELLED, PRESSES & REFINED

MANUFACTURING DATE 07/06/22

BEST BEFORE DATE 07/06/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT- SEMISOLID BUTTER	-
COLOUR	OFFWHITE- PALEYELLOW	-
ODOUR	ODOURLESS	-
SLIP MELTING POINT(C)	30.0- 40.0	36.0
FREE FATTY ACID(% AS OLEIC)	<0.25	0.1
IODINE VALUE	40.0- 55.0	42.17
SAPONIFICATION VALUE(MG KOH/G)	180.0- 195.0	184.9
UNSAPONIFIABLE MATTER(%)	<3.0	1.0
ACID VALUE(MG KOH/G)	<0.5	0.2
PEROXIDE VALUE	<10.0	2.0
MOISTURE	<0.10	0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0- 17.0	6.0
C18:0	STEARIC	35.0- 45.0	45.0
C18:1	OLEIC	35.0- 50.0	40.1
C18:2	LINOLEIC	<5.0	2.2
C20:0	ARACHIDIC	<6.0	4.0

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