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CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANGO, BUTTER

LOT NUMBER: LOT0004725

PRODUCT INCI: MANGIFERA INDICA SEED

PRODUCT CODE: K0624

CAS NUMBER: 90063-86-8

EINECS NUMBER: 290-045-4

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 05/11/2019

BEST BEFORE DATE: 05/11/2021

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	SOFT – SEMI SOLID BUTTER		-
COLOUR	OFF WHITE – PALE YELLOW		-
COLOUR (GARDNER)	<6.0		3.0
ODOUR	ODOURLESS		-
MELTING POINT (C)	45.0 – 55.0		-
FREE FATTY ACID (% AS OLEIC)	<0.25		0.08
IODINE VALUE	40.0 – 55.0		45.1
SAPONIFICATION VALUE (MG KOH/G)	180.0 – 195.0		-
UNSAPONIFIABLE MATTER (%)	<5.0		0.74
ACID VALUE (MGKOH/G)	<0.5		-
PEROXIDE VALUE	<10.0		0.4
MOISTURE	<0.10		0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C12:0	LAURIC	<1.5	-
C14:0	MYRISTIC	<1.5	-
C16:0	PALMITIC	04 - 09	06.4
C16:1	PALMITOLEIC	<1.0	-
C18:0	STEARIC	35.0 – 45.0	39.8
C18:1	OLEIC	35.0 – 50.0	45.6
C18:2	LINOLEIC	01 - 04	02.8
C18:3	LINOLENIC	<0.8	-
C20:0	ARACHIDIC	02 - 06	04.2
C20:1	ICOLENOIC	<1.0	-
C22:0	BEHENIC	<1.0	-