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CERTIFICATE OF ANALYSIS

PRODUCT NAME: COCOA BUTTER, DEODORISED ORGANIC

LOT NUMBER: LOT0008827

PRODUCT INCI: THEOBROMA CACAO SEED BUTTER

PRODUCT CODE: K0145

CAS NUMBER: 8002-31-1

EINECS NUMBER: 283-480-6

MANUFACTURING METHOD: EXPELLER PRESSED & DEODORISED

MANUFACTURING DATE: 29/10/2020

BEST BEFORE DATE: 29/10/2022

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	SOLID BUTTER		-
COLOUR	OFF WHITE – YELLOW		-
ODOUR	ODOURLESS		-
ACID VALUE	<3.6		-
IODINE VALUE	30.0 – 45.0		36.4
PEROXIDE VALUE	<5.0		0.6
FREE FATTY ACID	<1.8		0.68
RELATIVE DENSITY	0.880 – 0.920		0.895

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<2.0	0.1
C16:0	PALMITIC	21.0 – 29.0	25.2
C16:1	PALMITOLEIC	<2.0	0.2
C17:0	MARGARIC ACID	<2.0	0.3
C18:0	STEARIC	31.0 – 39.0	35.1
C18:1	OLEIC	31.0 – 38.0	34.1
C18:2	LINOLEIC	1.5 – 5.0	3.0
C18:3	LINOLENIC	<2.0	0.2

C20:0	ARACHIDIC	0.8 – 2.0	1.1
C22:0	BEHENIC	<2.0	0.2
C22:1	ERUCIC	<0.05	0.05
C24:0	LIGNOCERIC	<1.0	0.1