

CERTIFICATE OF ANALYSIS

PRODUCT NAME: COCOA BUTTER, UNREFINED (NATURAL)

LOT NUMBER: R0721 (LOT0015244)

PRODUCT INCI: THEOBROMA CACAO SEED BUTTER

PRODUCT CODE: K0143

CAS NUMBER: 8002-31-1

EINECS NUMBER: 283-480-6

MANUFACTURING METHOD: EXPELLER PRESSED

MANUFACTURING DATE: 11/03/2023

BEST BEFORE DATE: 11/03/2025

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE	SOLID BUTTER		-
COLOUR	IVORY - LIGHT BROWN - BROWN		-
ODOUR	A STRONG CHOCOLATE AROMA		-
PEROXIDE VALUE	<5.0		1.0
FREE FATTY ACID	<2.0		1.72
IODINE VALUE	33.0 – 42.0		37.5
SAPONIFICATION VALUE	188.0 – 198.0		193.0
REFRACTIVE INDEX (@ 40DEG)	1.456 – 1.459		1.457
UNSATURATED MATTER	<0.40		0.1

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	23.0 – 30.0	24.5
C18:0	STEARIC	30.0 – 37.0	33.0
C18:1	OLEIC	31.0 – 39.0	35.2
C18:2	LINOLEIC	1.5 – 4.5	2.74

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