

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SHEANUT BUTTER, REFINED

Batch: S0102 LOT NUMBER: LOT0020596

PRODUCT INCI: BUTYROSPERMUM PARKII BUTTER

PRODUCT CODE: K0421

CAS NUMBER: 194043-92-0 / 91080-23-8

EINECS NUMBER: 293-515-7

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 15/11/2023

BEST BEFORE DATE: 15/11/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT BUTTER	-
COLOUR	OFF WHITE - IVORY	-
COLOUR (LOVIBOND)	<12Y, 1.5R	8,9Y, 1,1R
ODOUR	FAINT ODOUR	-
ACID VALUE (MG KOH/G)	≤ 1.0	0.10
PEROXIDE VALUE (MEQ O ₂ /KG)	≤5.0	0.2
IODINE VALUE	45.0 – 68.0	62.5
SAPONIFICATION VALUE	168.0 – 190.0	182.1
UNSATURIFIABLE MATTER	5.0 – 10.0	COMPLIES
FREE FATTY ACID (% AS OLEIC)	≤1.0	0.05
SPECIFIC GRAVITY @20°C	0.900 – 0.940	COMPLIES
MELTING POINT °C	30.0 – 42.0	COMPLIES
MOISTURE	≤0.10	COMPLIES

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 8.0	3.8
C18:0	STEARIC	40.0 – 50.0	42.5
C18:1	OLEIC	40.0 – 50.0	45.1
C18:2	LINOLEIC	3.0 – 9.0	6.2
C18:3	LINOLENIC	≤ 1.0	0.3
C20:0	ARACHIDIC	≤ 3.0	1.5

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