

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SHEANUT BUTTER, REFINED
LOT NUMBER: R0722 (LOT0015464)
PRODUCT INCI: BUTYROSPERMUM PARKII BUTTER
PRODUCT CODE: K0421
CAS NUMBER: 194043-92-0 / 91080-23-8
EINECS NUMBER: 293-515-7
MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED
MANUFACTURING DATE: 20/04/2023
BEST BEFORE DATE: 20/04/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	SOFT BUTTER	-
COLOUR	OFF WHITE - IVORY	-
COLOUR (LOVIBOND)	<12Y, 1.5R	11.0Y, 1.1R
ODOUR	FAINT ODOUR	-
ACID VALUE (MG KOH/G)	≤ 1.0	0.16
PEROXIDE VALUE (MEQ O ₂ /KG)	≤ 5.0	0.0
IODINE VALUE	45.0 – 68.0	61.8
SAPONIFICATION VALUE	168.0 – 190.0	178.8
UNSAAPONIFIABLE MATTER	5.0 – 10.0	5.56
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.08
SPECIFIC GRAVITY @20°C	0.900 – 0.940	0.920
MELTING POINT °C	30.0 – 42.0	33.0
MOISTURE	≤ 0.10	0.05

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 8.0	3.7
C18:0	STEARIC	40.0 – 50.0	42.4
C18:1	OLEIC	40.0 – 50.0	45.4
C18:2	LINOLEIC	3.0 – 9.0	6.1
C18:3	LINOLENIC	≤ 1.0	0.1
C20:0	ARACHIDIC	≤ 3.0	1.5

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