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Specification

PRODUCT NAME & SKU: Shea Butter Refined TSK-BUT012

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SHEANUT BUTTER, REFINED

LOT NUMBER: LOT0022794

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: 05/06/2024

BEST BEFORE DATE: 05/06/2026

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		SOFT BUTTER	-
COLOUR		OFF WHITE - IVORY	-
COLOUR (LOVIBOND)		<12Y, 1.5R	COMPLIES
ODOUR		FAINT ODOUR	-
ACID VALUE (MG KOH/G)		≤ 1.0	0.14
PEROXIDE VALUE (MEQ O ₂ /KG)		≤5.0	0.2
IODINE VALUE		45.0 – 68.0	60.9
SAPONIFICATION VALUE		168.0 – 190.0	181.0
UNSATURIFIABLE MATTER		5.0 – 10.0	6.64
FREE FATTY ACID (% AS OLEIC)		≤1.0	0.07
SPECIFIC GRAVITY @20°C		0.900 – 0.940	COMPLIES
MELTING POINT °C		30.0 – 42.0	34.7
MOISTURE		≤0.10	COMPLIES

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 8.0	3.5
C18:0	STEARIC	40.0 – 50.0	42.7
C18:1	OLEIC	40.0 – 50.0	45.4
C18:2	LINOLEIC	3.0 – 9.0	6.1
C18:3	LINOLENIC	≤ 1.0	1.6
C20:0	ARACHIDIC	≤ 3.0	0.1