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Certificate of Analysis

Name & SKU: Shea Butter, Unrefined TSK-BUT006

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SHEANUT BUTTER, REFINED
LOT NUMBER: LOT0026867
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: 15/05/2025
BEST BEFORE DATE: 15/05/2027

ANALYTICAL DETAILS		RANGE %	RESULTS
APPEARANCE		SOFT BUTTER	COMPLIES
COLOUR		OFF WHITE - IVORY	COMPLIES
COLOUR (LOVIBOND)		<12Y, 1.5R	COMPLIES
ODOUR		FAINT ODOUR	COMPLIES
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	61.50
SAPONIFICATION VALUE		168.0 – 190.0	179.9
UNSAAPONIFIABLE MATTER		5.0 – 10.0	5.07
FREE FATTY ACID (% AS OLEIC)		≤1.0	0.08
SPECIFIC GRAVITY @20°C		0.900 – 0.940	COMPLIES
MELTING POINT °C		30.0 – 42.0	31.90
MOISTURE		≤0.10	COMPLIES

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 8.0	3.4
C18:0	STEARIC	40.0 – 50.0	44.0
C18:1	OLEIC	40.0 – 50.0	44.2
C18:2	LINOLEIC	3.0 – 9.0	6.0
C18:3	LINOLENIC	≤ 1.0	0.1
C20:0	ARACHIDIC	≤ 3.0	1.6