THE OIL FAMILY

SPECIFICATION SHEET

PRODUCT NAME: SHEANUT BUTTER, REFINED
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
SHELF LIFE: 24 MONTHS

ANALYTICAL DETAILS	RANGE %
APPEARANCE	SOFT BUTTER
COLOUR	OFF WHITE - IVORY
COLOUR (LOVIBOND)	<12Y, 1.5R
ODOUR	FAINT ODOUR
ACID VALUE (MG KOH/G)	≤ 1.0
PEROXIDE VALUE (MEQ O2/KG)	≤5.0
IODINE VALUE	45.0 – 68.0
SAPONIFICATION VALUE	168.0 – 190.0
UNSAPONIFIABLE MATTER	5.0 – 10.0
FREE FATTY ACID (% AS OLEIC)	≤1.0
SPECIFIC GRAVITY @20°C	0.900 – 0.940
MELTING POINT °C	30.0 – 42.0
MOISTURE	≤0.10

FATTY ACID PROFILE		RANGE %
C-CHAIN	**ACID NAME**	
C16:0	PALMITIC	3.0 – 8.0
C18:0	STEARIC	40.0 – 50.0
C18:1	OLEIC	40.0 – 50.0
C18:2	LINOLEIC	3.0 – 9.0
C18:3	LINOLENIC	≤ 1.0
C20:0	ARACHIDIC	≤ 3.0

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
24/04/2023	M.R-L	2.0	Changes in Colour (Lovibond), Fatty Acid Profile Added: Acid value, Iodine Value, Saponification value,

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			Specific gravity @20°C

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