

CERTIFICATE OF ANALYSIS

PRODUCT NAME: SHEANUT BUTTER, REFINED

LOT NUMBER: LOT0025987

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: 03/03/2025

BEST BEFORE DATE: 03/03/2027

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	0.18
PEROXIDE VALUE (MEQ O ₂ /KG)	≤5.0	0.0
IODINE VALUE	45.0 – 68.0	64.5
SAPONIFICATION VALUE	168.0 – 190.0	189.8
UNSATURIFIABLE MATTER	5.0 – 10.0	5.78
FREE FATTY ACID (% AS OLEIC)	≤1.0	0.09
SPECIFIC GRAVITY @20°C	0.900 – 0.940	COMPLIES
MELTING POINT °C	30.0 – 42.0	34.0
MOISTURE	≤0.10	COMPLIES

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 8.0	3.2
C18:0	STEARIC	40.0 – 50.0	42.9
C18:1	OLEIC	40.0 – 50.0	45.6
C18:2	LINOLEIC	3.0 – 9.0	6.1
C18:3	LINOLENIC	≤ 1.0	1.0
C20:0	ARACHIDIC	≤ 3.0	0.1

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with O&3 regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.