

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: APRICOT KERNEL OIL, REFINED (23KG)**

**Batch: S0276** LOT0021494

PRODUCT INCI: PRUNUS ARMENIACA KERNEL OIL

PRODUCT CODE: K1585

CAS NUMBER: 68650-44-2 / 72869-69-3

EINECS NUMBER: 272-046-1

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 13/02/2024

BEST BEFORE DATE: 13/02/2026

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	5.7Y, 1.3R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.915
SAPONIFICATION VALUE	185.0 – 195.0	189.0
UNSAAPONIFIABLE MATTER	<2.0	<2.0
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.9
IODINE VALUE	90.0 – 115.0	100.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	5.2
C16:1	PALMITOLEIC	≤1.4	0.2
C18:0	STEARIC	0.5 – 3.0	2.8
C18:1	OLEIC	55.0 – 70.0	63.0
C18:2	LINOLEIC	20.0 – 35.0	27.4
C18:3	LINOLENIC	≤1.0	0.1
C20:0	ARACHIDIC	≤0.5	<0.5
C20:1	EICOSENOIC	≤0.3	<0.3
C22:0	BEHENIC	≤0.7	<0.7
C24:0	LIGNOCERIC	≤0.5	<0.5

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