

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: APRICOT KERNEL OIL, REFINED

Bomar Batch: R0416 (LOT NUMBER: LOT0017981)

PRODUCT INCI: PRUNUS ARMENIACA KERNEL OIL

PRODUCT CODE: K0031

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

EINECS NUMBER: 272-046-1

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 02/03/2023

BEST BEFORE DATE: 02/03/2025

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	3.0Y, 0.3R
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.915
SAPONIFICATION VALUE	185.0 – 195.0	192.0
UNSAAPONIFIABLE MATTER	<2.0	0.5
FREE FATTY ACID (% AS OLEIC)	<0.5	0.1
PEROXIDE VALUE	<10.0	0.3
IODINE VALUE	90.0 – 115.0	110.0

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	5.2
C16:1	PALMITOLEIC	<1.4	0.1
C18:0	STEARIC	0.5 – 3.0	2.6
C18:1	OLEIC	55.0 – 70.0	60.2
C18:2	LINOLEIC	20.0 – 35.0	30.3
C18:3	LINOLENIC	<1.0	0.4
C20:0	ARACHIDIC	<0.5	0.2
C20:1	EICOSENOIC	<0.3	0.2
C22:0	BEHENIC	<0.5	0.5
C24:0	LIGNOCERIC	<0.5	0.1

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