

BOMAR

CERTIFICATE OF ANALYSIS

PRODUCT NAME: APRICOT KERNEL OIL, REFINED

Bomar Batch: R0111 (LOT NUMBER: LOT0017120)

PRODUCT INCI: PRUNUS ARMENIACA KERNEL OIL

PRODUCT CODE: K0031

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

EINECS NUMBER: 272-046-1

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 25/11/22

BEST BEFORE DATE: 25/11/24

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	3.0Y, 0.3R
ODOUR	ODOURLESS	-
REFRACTIVE INDEX @ 20°C	1.455 – 1.480	1.471
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.913
SAPONIFICATION VALUE	185.0 – 200.0	189.0
UNSAAPONIFIABLE MATTER	<2.0	0.5
FREE FATTY ACID (% AS OLEIC)	<1.0	0.05
PEROXIDE VALUE	<10.0	1.2
IODINE VALUE	90.0 – 115.0	114.28

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	5.0
C16:1	PALMITOLEIC	<1.4	0.2
C18:0	STEARIC	<5.0	2.9
C18:1	OLEIC	55.0 – 70.0	66.2
C18:2	LINOLEIC	20.0 – 35.0	24.0
C18:3	LINOLENIC	<1.0	0.1
C20:0	ARACHIDIC	<0.5	0.1
C20:1	EICOSENOIC	<0.5	0.1
C22:0	BEHENIC	<0.5	0.1

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