

CERTIFICATE OF ANALYSIS

PRODUCT NAME: APRICOT KERNEL OIL, REFINED

LOT NUMBER: **R0343** LOT0017593

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: 23/01/23

BEST BEFORE DATE: 23/01/25

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	3.0Y, 0.2R
ODOUR	ODOURLESS	-
REFRACTIVE INDEX @ 20°C	1.455 – 1.480	1.471
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.914
SAPONIFICATION VALUE	185.0 – 200.0	191.0
UNSATURATED MATTER	<2.0	0.6
FREE FATTY ACID (% AS OLEIC)	<1.0	0.1
PEROXIDE VALUE	<10.0	0.4
IODINE VALUE	90.0 – 115.0	110.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	5.7
C16:1	PALMITOLEIC	<1.4	0.1
C18:0	STEARIC	<5.0	2.8
C18:1	OLEIC	55.0 – 70.0	57.6
C18:2	LINOLEIC	20.0 – 35.0	32.1
C18:3	LINOLENIC	<1.0	0.5
C20:0	ARACHIDIC	<0.5	0.2
C20:1	EICOSENOIC	<0.5	0.2
C22:0	BEHENIC	<0.5	0.49

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