

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME: APRICOT KERNEL OIL, REFINED**

**LOT NUMBER: LOT0009008**

PRODUCT INCI: PRUNUS ARMENIACA (APRICOT) KERNEL OIL

PRODUCT CODE: K0031

CAS NUMBER: 68650-44-2

EINECS NUMBER: 272-046-1

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

MANUFACTURING DATE: 09/11/2020

BEST BEFORE DATE: 09/11/2022

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	7Y, 0.9R
ODOUR	ODOURLESS	-
REFRACTIVE INDEX @ 20°C	1.455 – 1.480	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.912
SAPONIFICATION VALUE	185.0 – 200.0	189.0
UNSATURATED MATTER	<2.0	0.5
FREE FATTY ACID (% AS OLEIC)	<1.0	0.1
PEROXIDE VALUE	<15.0	0.6
ACID VALUE	<1.0	-
IODINE VALUE	90.0 – 115.0	106.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	5.2
C16:1	PALMITOLEIC	<1.4	0.1
C18:0	STEARIC	0.4 – 5.0	2.9
C18:1	OLEIC	55.0 – 70.0	63.8
C18:2	LINOLEIC	20.0 – 35.0	26.2
C18:3	LINOLENIC	<1.0	0.4
C20:0	ARACHIDIC	<0.3	0.2
C20:1	EICOSENOIC	<0.5	0.2
C22:0	BEHENIC	<0.5	0.4
C24:0	LIGNOCERIC	<0.5	0.2