

# CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: LOT0004111**

PRODUCT INCI: PRUNUS ARMENIACA (APRICOT) KERNEL OIL

MANUFACTURING METHOD: EXPPELLER PRESSED & REFINED

MANUFACTURING DATE: 10/09/2019

BEST BEFORE DATE: 10/09/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 3.0R	8Y, 1.1R
ODOUR	ODOURLESS	-
REFRACTIVE INDEX @ 20°C	1.455 – 1.480	-
SPECIFIC GRAVITY @ 20°C	0.910 – 0.920	0.913
SAPONIFICATION VALUE	185.0 – 200.0	193.0
UNSAAPONIFIABLE MATTER	<2.0	0.6
FREE FATTY ACID (% AS OLEIC)	<1.0	0.1
PEROXIDE VALUE	<15.0	1.2
ACID VALUE	<1.0	-
IODINE VALUE	90.0 – 115.0	108.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 6.0	6.0
C16:1	PALMITOLEIC	<1.4	0.1
C18:0	STEARIC	0.4 – 5.0	2.6
C18:1	OLEIC	55.0 – 70.0	60.5
C18:2	LINOLEIC	20.0 – 35.0	28.3
C18:3	LINOLENIC	<1.0	0.6
C20:0	ARACHIDIC	<0.3	0.3
C20:1	EICOSENOIC	<0.5	0.3
C22:0	BEHENIC	<0.5	0.5
C24:0	LIGNOCERIC	<0.5	0.2