

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED

LOT NUMBER: LOT0012588

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL

PRODUCT CODE: K0006

CAS NUMBER: 8007-69-0 / 90320-37-9

EINECS NUMBER: 291-063-5

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 29/07/2021

BEST BEFORE DATE: 29/07/2023

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25 _y , 2.5 _r	15.0 _y , 2.0 _r
SPECIFIC GRAVITY@ 20°C	0.910 – 0.915	0.914
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.4700
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.1
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.6
IODINE VALUE (CALC)	95 – 102	98.0
ACID VALUE	<2.0	0.1
SAPONIFICATION VALUE (mg KOH/gr)	188.00 – 196.00	189.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 9.0	4.8
C16:1	PALMITOLEIC	<2.0	0.2
C18:0	STEARIC	1.0 - 3.0	2.7
C18:1	OLEIC	60.0 – 75.0	70.0
C18:2	LINOLEIC	20.0 – 30.0	21.9
C18:3	LINOLENIC	< 0.5	0.10
C20:0	ARACHIDIC	< 0.3	0.2
C20:1	EICOSENOIC	< 0.3	0.2
C22:0	BEHENIC	< 0.6	<0.6
C24:0	LIGNOCERIC	< 0.5	0.3

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