

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED**

**LOT NUMBER: Q1108 (LOT0016484)**

**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: 20/09/22**

**BEST BEFORE DATE: 20/09/24**

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	4.6y, 1.0r
SPECIFIC GRAVITY@ 20°C	0.910 – 0.915	0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.471
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.1
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	1.0
IODINE VALUE (CALC)	95 – 102	101.0
ACID VALUE	<2.0	0.2
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	5.1
C16:1	PALMITOLEIC	<2.0	0.2
C18:0	STEARIC	1.0 - 3.0	3.1
C18:1	OLEIC	60.0 – 75.0	62.9
C18:2	LINOLEIC	20.0 – 30.0	27.5
C18:3	LINOLENIC	< 0.5	0.4
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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