

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER:** R0506 (LOT0018351)

**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:** 05/04/2023

**BEST BEFORE DATE:** 05/04/25

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	4.0y, 0.8r
SPECIFIC GRAVITY@ 20°C	0.910 – 0.915	0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.470
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.1
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	0.3
IODINE VALUE (CALC)	95 – 102	102.0
ACID VALUE	<2.0	0.2
SAPONIFICATION VALUE (mg KOH/gr)	188.00 – 196.00	191.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 9.0	5.3
C16:1	PALMITOLEIC	<2.0	0.1
C18:0	STEARIC	1.0 - 3.0	2.9
C18:1	OLEIC	60.0 – 75.0	63.0
C18:2	LINOLEIC	20.0 – 30.0	26.6
C18:3	LINOLENIC	< 0.5	0.1
C20:0	ARACHIDIC	< 0.3	0.2
C20:1	EICOSENOIC	< 0.3	0.2
C22:0	BEHENIC	< 0.9	0.8
C24:0	LIGNOCERIC	< 0.5	0.3

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