

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED

LOT NUMBER: R0654 (LOT0015622)

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: 12/05/2023

BEST BEFORE DATE: 12/05/2025

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	4.3 y, 0.8r
SPECIFIC GRAVITY @ 20°C	0.910 – 0.915	0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.4708
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.1
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	1.2
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	5.5
C16:1	PALMITOLEIC	≤2.0	0.2
C18:0	STEARIC	1.0 - 3.0	2.8
C18:1	OLEIC	60.0 – 75.0	62.8
C18:2	LINOLEIC	20.0 – 30.0	26.7
C18:3	LINOLENIC	≤ 0.5	-
C20:0	ARACHIDIC	≤ 0.3	-
C20:1	EICOSENOIC	≤ 0.3	-
C22:0	BEHENIC	≤ 0.6	0.5
C24:0	LIGNOCERIC	≤ 0.5	-

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