

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED

Bomar S0316 Lot0017455

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL

PRODUCT CODE: K0006

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

EINECS NUMBER: 291-063-5

MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

MANUFACTURING DATE: 12/02/2024

BEST BEFORE DATE: 12/02/2026

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	5.6y, 1.0r
SPECIFIC GRAVITY@ 20°C	0.910 – 0.915	0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.4729
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.05
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	1.4
IODINE VALUE (CALC)	95 – 102	101.0
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	4.0 – 9.0	5.0
C16:1	PALMITOLEIC	≤ 0.6	0.2
C17:0	MARGARIC	≤ 0.1	<0.1
C18:0	STEARIC	≤ 4.0	3.2
C18:1	OLEIC	60.0 – 75.0	63.3
C18:2	LINOLEIC	20.0 – 30.0	27.0
C22:0	BEHENIC	≤ 0.9	0.7

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