



CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) OIL, REFINED

LOT NUMBER: LOT0022939

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL (ACCORDING TO BP73 SPECIFICATION)

MANUFACTURING DATE: 16/03/2026

BEST BEFORE DATE: 16/03/2028

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	6.0 Y, 1.1 R
SPECIFIC GRAVITY @ 20°C	0.910 – 0.915	0.915
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.4713
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.06
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.7
IODINE VALUE (CALC)	95 – 102	102.0
ACID VALUE	<2.0	0.1
SAPONIFICATION VALUE (mg KOH/gr)	188.00 – 196.00	190.2

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	5.3
C16:1	PALMITOLEIC	≤ 0.6	0.2
C17:0	MARGARIC	≤ 0.1	0.0
C18:0	STEARIC	≤ 4.0	2.6
C18:1	OLEIC	60.0 – 75.0	62.7
C18:2	LINOLEIC	20.0 – 30.0	27.8
C22:0	BEHENIC	≤ 0.9	0.7

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