

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) BP73 OIL, REFINED

**Bomar Batch: S0194** LOT NUMBER: LOT0017128

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: 18/12/2023

BEST BEFORE DATE: 18/12/2025

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	5.4y, 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	0.05
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	0.9
IODINE VALUE (CALC)	95 – 102	100.0
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	5.1
C16:1	PALMITOLEIC	≤ 0.6	0.2
C17:0	MARGARIC	≤ 0.1	<0.1
C18:0	STEARIC	≤ 4.0	3.1
C18:1	OLEIC	60.0 – 75.0	64.8
C18:2	LINOLEIC	20.0 – 30.0	25.0
C22:0	BEHENIC	≤ 0.9	0.8

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