

## CERTIFICATE OF ANALYSIS

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

**Bomar S0315** 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 <sub>2</sub> / 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

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Bomar regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from Bomar.