



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	ALMOND (SWEET) OIL, REFINED
LOT NUMBER:	22939
PRODUCT INCI:	PRUNUS AMYGDALUS DULCIS OIL
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)	$\leq 25y, 2.5r$	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 O₂ / 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

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 EcoFlores 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 EcoFlores.