



CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) OIL, REFINED

LOT NUMBER: LOT0015260

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL

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

EINECS NUMBER: 291-063-5

MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

MANUFACTURING DATE: 15/03/2023

BEST BEFORE DATE: 15/03/2025

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	PALE YELLOW - CLEAR OILY LIQUID	-
ODOUR	ODOURLESS	-
COLOUR LOVIBOND (5.25" CELL)	≤ 25y, 2.5r	5.9Y, 1.6R
SPECIFIC GRAVITY @ 20°C	0.910 – 0.915	CONFORM
REFRACTIVE INDEX @ 20°C	1.470 – 1.473	1.471
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.05
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	2.4
IODINE VALUE (CALC)	95 – 102	98.0
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	3.0 – 9.0	5.1
C16:1	PALMITOLEIC	≤2.0	0.2
C18:0	STEARIC	1.0 - 3.0	3.1
C18:1	OLEIC	60.0 – 75.0	-
C18:2	LINOLEIC	20.0 – 30.0	24.4
C18:3	LINOLENIC	≤ 0.5	0.8
C20:0	ARACHIDIC	≤ 0.3	-
C20:1	EICOSENOIC	≤ 0.3	-
C22:0	BEHENIC	≤ 0.6	-
C24:0	LIGNOCERIC	≤ 0.5	-

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.