

CERTIFICATE OF ANALYSIS

PRODUCT NAME: ALMOND (SWEET) OIL, COLD PRESSED ORGANIC

LOT NUMBER: **R0515 (LOT0017691)**

PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL

PRODUCT CODE: K0009

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

EINECS NUMBER: 291-063-5

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 02/02/2023

BEST BEFORE DATE: 02/08/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	PALE YELLOW - ORANGE OILY LIQUID	-
ODOUR	OILY ODOUR	-
REFRACTIVE INDEX @ 20°C	1.467 – 1.474	1.469
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.927
FREE FATTY ACID	<4.0	1.80
SOLIDIFICATION POINT	-18°C	-
IODINE VALUE	90.0 – 110.0	CONFORMS
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	1.95
ACID VALUE	<4.0	2.60
SAPONIFICATION VALUE	185.0 – 200.0	CONFORMS

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 9.0	6.52
C16:1	PALMITOLEIC	<2.0	0.59
C18:0	STEARIC	< 4.0	1.53
C18:1	OLEIC	60.0 – 88.0	67.02
C18:2	LINOLEIC	7.0 – 30.0	23.79
C18:3	LINOLENIC	< 0.5	0.23
C20:0	ARACHIDIC	< 0.3	-
C20:1	EICOSENOIC	< 0.5	-
C22:0	BEHENIC	< 0.5	-
C22:1	ERUCIC	< 0.5	-

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