

CERTIFICATE OF ANALYSIS

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

Batch: \$0115 LOT NUMBER: LOT0020400

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: 26/10/2023

BEST BEFORE DATE: 26/04/2025

ANALYTICAL DETAILS	RANGE %	RESULTS
Appearance	Pale Yellow - Orange Oily Liquid	-
Odour	OILY ODOUR	-
REFRACTIVE INDEX @ 20°C	1.467 – 1.474	Conforms
SPECIFIC GRAVITY @ 20°C	0.910 - 0.930	Conforms
FREE FATTY ACID	<2.0	1.72
SOLIDIFICATION POINT	-18°C	-
IODINE VALUE	90.0 – 110.0	Conforms
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.75
ACID VALUE	<4.0	3.44
SAPONIFICATION VALUE	185.0 – 200.0	192.5

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 9.0	6.06
C16:1	PALMITOLEIC	<2.0	0.3
C18:0	STEARIC	< 4.0	1.91
C18:1	OLEIC	60.0 – 88.0	69.06
C18:2	LINOLEIC	7.0 – 30.0	21.56
C18:3	LINOLENIC	< 0.5	0.17
C20:0	ARACHIDIC	< 0.3	< 0.3
C20:1	EICOSENOIC	< 0.5	< 0.5
C22:0	Behenic	< 0.5	< 0.5
C22:1	ERUCIC	< 0.5	< 0.5