

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS ALMOND, SWEET OIL ORGANIC (COLD PRESSED)

DESCRIPTION

Product: ALMOND (SWEET) OIL, COLD PRESSED ORGANIC

INCI Name: Prunus Amygdalus Dulcis Oil

CAS No: 8007-69-0/90320-37-9

EINECS No: -291-063-5

Manufacturing Method: Cold Pressed

CHARACTERISTICS

Analytical Details	Range	Result
APPEARANCE	PALE YELLOW - ORANGE OILY LIQUID	Conforms
ODOUR	OILY ODOUR	Conforms
REFRACTIVE INDEX @ 20°C	1.467 – 1.474	Conforms
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930	0.9178
SOLIDIFICATION POINT	-18°C	Conforms
IODINE VALUE	80.0 – 110.0	96.2
PEROXIDE VALUE (MEQ O ₂ /KG)	<20.0	0.5
ACID VALUE	<4.0	0.2
SAPONIFICATION VALUE	185.0 – 200.0	189.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	3.0 – 9.0	6.8
C16:1	PALMITOLEIC	<2.0	0.51
C18:0	STEARIC	1.0-4.0	2.2
C18:1	OLEIC	60.0 – 88.0	66.5
C18:2	LINOLEIC	7.0 – 30.0	22.2

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Almond, Sweet Oil Organic (Cold Pressed) - COA

C18:3	LINOLENIC	< 0.5	0.1
C20:0	ARACHIDIC	< 0.3	0.1
C20:1	EICOSENOIC	< 1.0	0.1
C22:0	BEHENIC	< 0.6	0.1
C22:1	ERUCIC	< 0.5	0.1

K0009

Revised: 2021

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