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## SPECIFICATION SHEET

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

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

SHELF LIFE: 18 MONTHS

ANALYTICAL DETAILS	RANGE %
APPEARANCE	PALE YELLOW - ORANGE OILY LIQUID
ODOUR	OILY ODOUR
REFRACTIVE INDEX @ 20°C	1.467 – 1.474
SPECIFIC GRAVITY @ 20°C	0.910 – 0.930
FREE FATTY ACID	<2.0
SOLIDIFICATION POINT	-18°C
IODINE VALUE	90.0 – 110.0
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0
ACID VALUE	<4.0
SAPONIFICATION VALUE	185.0 – 200.0

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

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
28/06/2023	J. G	2.0	Changes in: Free Fatty Acid range