



NHR ORGANIC OILS  
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## *Certificate of Analysis Sheet* **Organic Sweet Almond Oil** *(Prunus amygdalus dulcis)*

PRODUCT NAME: SWEET ALMOND OIL COLD PRESSED ORGANIC
BATCH NUMBER: 110526-1
PRODUCT INCI: PRUNUS AMYGDALUS DULCIS OIL
CAS NUMBER: 8007-69-0 / 90320-37-9
EINECS NUMBER: 291-063-5
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
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	CONFORMS
FREE FATTY ACID	<2.0	0.65
SOLIDIFICATION POINT	-18°C	CONFORMS
IODINE VALUE	90.0 – 110.0	100.0
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	1.2
ACID VALUE	<4.0	1.30
SAPONIFICATION VALUE	185.0 – 200.0	190.0

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C16:0	PALMITIC	3.0 – 9.0	5.92
C16:1	PALMITOLEIC	<2.0	0.30
C18:0	STEARIC	< 4.0	2.14
C18:1	OLEIC	60.0 – 88.0	63.55
C18:2	LINOLEIC	7.0 – 30.0	27.69
C18:3	LINOLENIC	< 0.5	0.40
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

*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 NHR Organic Oils regularly.  
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.*