



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Hemp Seed Base Oil (*Cannabis sativa*)

PRODUCT NAME: HEMP SEED OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 181225-6
PRODUCT INCI: CANNABIS SATIVA SEED OIL
CAS NUMBER: 89958-21-4
EINECS NUMBER: 289-644-3
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	
APPEARANCE	LIGHT YELLOW – GREEN OILY LIQUID	-
COLOUR (GARDNER)	Y ≤ 75, R ≤ 15.0	31.0 Y, 8.5 R
ODOUR	CHARACTERISTIC	-
REFRACTIVE INDEX @ 20°C	1.465 – 1.495	1.476
SAPONIFICATION VALUE	188 - 195	191.5
IMPURITIES	≤ 0.1	0.01
PEROXIDE VALUE	<15.0	4.73
ACID VALUE	<5.0	1.04
MOISTURE	≤ 0.15	0.02
SALMONELLA (CFU/G)	ABSENT	ABSENT
E. COLI (CFU/G)	ABSENT	ABSENT
YEAST & MOULDS (CFU/G)	<100	COMPLIES
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000	COMPLIES
THC CONTENT (PPM)	<7PPM	4.9

FATTY ACID PROFILE		RANGE %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 7.0	6.1
C18:0	STEARIC	1.0 - 5.0	3.40
C18:1	OLEIC	8.0 – 18.0	12.8
C18:2	LINOLEIC	50.0 – 60.0	57.2
C18:3	ALPHA LINOLENIC	10.0 – 18.0	17.3
C18:3	GAMMA LINOLENIC	≤ 5.0	0.5
C20:0	ARACHIDIC	≤ 1.0	0.4
C20:1	EICOSENOIC	≤ 1.0	0.3

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.