



NHR ORGANIC OILS  
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## Product Specification Organic Hemp Seed Base Oil (*Cannabis sativa*)

PRODUCT NAME: HEMP SEED OIL, COLD PRESSED ORGANIC
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)	<18.0
ODOUR	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.923 – 0.930
REFRACTIVE INDEX @ 20°C	1.470 – 1.485
SAPONIFICATION VALUE	188 - 195
UNSAAPONIFIABLE MATTER	<2.5
ANISIDINE VALUE	<15.0
PEROXIDE VALUE	<15.0
ACID VALUE	<5.0
MOISTURE	<0.1
SALMONELLA (CFU/G)	ABSENT
E. COLI (CFU/G)	ABSENT
YEAST & MOULDS (CFU/G)	<100
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000
THC CONTENT (PPM)	<10PPM

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	4.0 – 9.0
C18:0	STEARIC	1.0 - 5.0
C18:1	OLEIC	5.0 – 20.0
C18:2	LINOLEIC	45.0 – 69.0
C18:3	ALPHA LINOLENIC	14.0 – 28.0
C18:3	GAMMA LINOLENIC	<5.0

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.