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Certificate of Analysis Sheet

Organic Hemp Seed Oil (*Cannabis sativa*)

BATCH NUMBER: 171121-1
PRODUCT INCI: CANNABIS SATIVA SEED OIL
CAS NUMBER: 89958-21-4
EINECS NUMBER: 289-644-3
MANUFACTURING METHOD: COLD PRESSED
MANUFACTURING DATE: 09/11/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	LIGHT YELLOW – GREEN OILY LIQUID	-
COLOUR (GARDNER)	<18.0	17.1
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.923 – 0.930	0.9232
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.4783
SAPONIFICATION VALUE	188 - 195	189.0
UNSAAPONIFIABLE MATTER	<2.5	0.94
ANISIDINE VALUE	<15.0	0.9
PEROXIDE VALUE	<15.0	6.4
ACID VALUE	<5.0	1.59
MOISTURE	<0.1	<0.1
SALMONELLA (CFU/G)	ABSENT	ABSENT
E. COLI (CFU/G)	ABSENT	ABSENT
YEAST & MOULDS (CFU/G)	<100	<38
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000	50
THC CONTENT (PPM)	<10PPM	4.7

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	6.8
C18:0	STEARIC	1.0 - 5.0	2.7
C18:1	OLEIC	5.0 – 20.0	13.0
C18:2	LINOLEIC	45.0 – 69.0	55.7
C18:3	ALPHA LINOLENIC	14.0 – 28.0	16.7
C18:3	GAMMA LINOLENIC	<5.0	2.4

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