

CERTIFICATE OF ANALYSIS

PRODUCT NAME: HEMP SEED OIL, COLD PRESSED ORGANIC

LOT NUMBER: R0608 (LOT0018610)

PRODUCT INCI: CANNABIS SATIVA SEED OIL

PRODUCT CODE: K0224

CAS NUMBER: 89958-21-4

EINECS NUMBER: 289-644-3

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 28/04/2023

BEST BEFORE DATE: 28/10/2024

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	LIGHT YELLOW – GREEN OILY LIQUID	-
COLOUR (GARDNER)	<18.0	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.923 – 0.930	0.925
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.477
SAPONIFICATION VALUE	188 - 195	191.0
UNSATURATED MATTER	<2.5	1.4
ANISIDINE VALUE	<15.0	6.0
PEROXIDE VALUE	<15.0	3.8
ACID VALUE	<5.0	3.96
MOISTURE	<0.1	0.03
SALMONELLA (CFU/G)	ABSENT	-
E. COLI (CFU/G)	ABSENT	-
YEAST & MOULDS (CFU/G)	<100	COMPLIES
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000	COMPLIES
THC CONTENT (PPM)	<10PPM	COMPLIES

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 9.0	7.09
C18:0	STEARIC	1.0 - 5.0	2.46
C18:1	OLEIC	5.0 – 20.0	8.96
C18:2	LINOLEIC	45.0 – 69.0	54.9
C18:3	ALPHA LINOLENIC	14.0 – 28.0	19.40
C18:3	GAMMA LINOLENIC	<5.0	3.88

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