



НАЗВАНИЕ ДОКУМЕНТА:

Сертификат анализа

- **ЦЕЛЬ ДОКУМЕНТА:**

определение показателей качества Конопляное масло
холодного отжима Leodar

- **НОМЕР ДОКУМЕНТА:**

859840

- **ДАТА ВВОДА В ДЕЙСТВИЕ ДОКУМЕНТА:**

03.03.2022

- **СРОК ДЕЙСТВИЯ ДОКУМЕНТА:**

- **НАИМЕНОВАНИЕ СЕРТИФИЦИРУЮЩЕГО ОРГАНА:**

Certified Laboratories, USA

- **КЛЮЧЕВЫЕ СЛОВА В ДОКУМЕНТЕ:**

анализируемое вещество, омега-жирные кислоты,
фумонизин, металлы, профиль жирных кислот



Certificate of Analysis

REPORT #: 859840
PROJECT ID: NY17585-2201-001
REPORT DATE: 3/3/22
PRINT DATE: 3/3/22

INDUSTRIAL INNOVATION GROUP LLC
MALEHA STREET
INDUSTRIAL AREA 18
, SHARJAH
ATT: TATJANA PACHMANOVA

LAB #: 3025323

PRODUCT: COLD PRESSED HEMP SEED OIL

PACKAGE: IN SEALED GLASS BOTTLE

DATE RECEIVED:1/27/22

ANALYTE	RESULT UNITS	METHOD REFERENCE
AEROBIC PLATE COUNT	270 CFU/g	APHA CMMEF CHP 58
BACILLUS CEREUS GROUP COUNT	<10 CFU/g	APHA CMMEF CHP 31
COLIFORM	<10 CFU/g	ISO 4832:2006
ENTEROBACTERIACEAE	<10 CFU/g	ISO/TS 21528-2
E. COLI O157:H7	NEGATIVE /25g	AOAC RI 060903
SALMONELLA	NEGATIVE /25g	AOAC 2011.03
STAPHYLOCOCCUS AUREUS	<10 CFU/g	AOAC 2003.07
SULFIDE SPOILAGE SPOREFORMERS	<2.5 CFU/10g	APHA CMMEF CHP 28
YEAST	<10 CFU/g	APHA CMMEF CHP 21
MOLD	<10 CFU/g	APHA CMMEF CHP 21
ALLERGEN GLUTEN	<5.0 ppm	AOAC 2012.01 ELISA (R-BIOPHARM RIDASCREEN)
DENSITY	0.913 g/mL	AOAC 985.19
FFA AS OLEIC ACID	1.11 %	AOCS CA 5A-40
INSOLUBLE IMPURITIES	0.140 %	AOCS CA 3A-46
IODINE VALUE	136	AOAC 920.158
MOISTURE	0.14 %	AOCS CA 2C-25
PEROXIDE VALUE	3.9 meq/kg	AOAC 965.33
SAPONIFICATION VALUE	206	USP <401>
AFLATOXIN BY HPLC		AOAC 2005.08
AFLATOXIN B1	2.3 ppb	
AFLATOXIN B2	0.2 ppb	
AFLATOXIN G1	<0.2 ppb	
AFLATOXIN G2	<0.2 ppb	
TOTAL AFLATOXIN	2.5 ppb	
THC	N.D. <0.3 %	UPLC
FATTY ACID PROFILE		AOCS CE 1F-96
PALMITIC (16:0)	7.4 % of fat	
STEARIC (18:0)	2.4 % of fat	
OLEIC (18:1 CIS)	20.8 % of fat	
ELAIDIC (18:1 TRANS)	NOT DETECTED % of fat	
LINOLEIC (18:2 CIS)	53.6 % of fat	
LINOLENIC (18:3 CIS)	14.8 % of fat	
ARACHIDIC (20:0)	1.0 % of fat	

This report may not be reproduced for advertising or trade purposes over our signature or in connection with our name without prior written approval. Opinions or analytical result reflect sample as received. When sampling is contracted to Certified Laboratories, statistical methods or methods as defined by regulatory agencies are applied but we make no guarantee that this sample is representative of the product/lot as whole.



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<u>ANALYTE</u>	<u>RESULT UNITS</u>	<u>METHOD REFERENCE</u>
TOTAL SATURATED	11 % of fat	
TOTAL MONOUNSATURATED	21 % of fat	
TOTAL POLYUNSATURATED	68 % of fat	
TOTAL TRANS	0 % of fat	
<u>OMEGA FATTY ACIDS</u>		AOCS CE 1F-96
TOTAL OMEGA-3	13,200 mg/100g	
TOTAL OMEGA-6	55,200 mg/100g	
TOTAL OMEGA-9	19,600 mg/100g	
<u>FUMONISIN</u>		LCMS
FUMONISIN B1	<0.1 ppm	
FUMONISIN B2	<0.1 ppm	
FUMONISIN B3	<0.1 ppm	
<u>METALS BY ICP-MS</u>		FDA EAM 4.7
CADMIUM	<10.0 ppb	
MERCURY	<10.0 ppb	
LEAD	24.1 ppb	
OCHRATOXIN A	<1.0 ppb	HPLC
VOMITOXIN	<0.6 ppm	LCMS
ZEARELENONE	<51.7 ppb	LCMS

IF THE ALLERGEN RESULT ON THIS CERTIFICATE OF ANALYSIS IS NOT PRECEDED BY A "<" (LESS THAN) SYMBOL, THE RESULT WAS PRESUMPTIVE FOR THE INDICATED ALLERGEN. FOR ALL SCREENING ASSAYS, DETECTABLE OR QUANTIFIABLE LEVELS OF ALLERGEN PROTEINS ARE CONSIDERED PRESUMPTIVE UNTIL CONFIRMED VIA ALTERNATIVE ANALYSIS. ADDITIONAL SCREENING USING AN ALTERNATIVE ASSAY OR TECHNOLOGY IS GENERALLY RECOMMENDED TO CONFIRM AN INITIAL PRESUMPTIVE VALUE. PLEASE CONTACT YOUR LOCAL SERVICING LABORATORY TO DISCUSS OPTIONS FOR CONFIRMATION ANALYSIS.

Kurtis Kneen
Laboratory Director

END OF REPORT