HEMP SEED OIL

LEODAR®

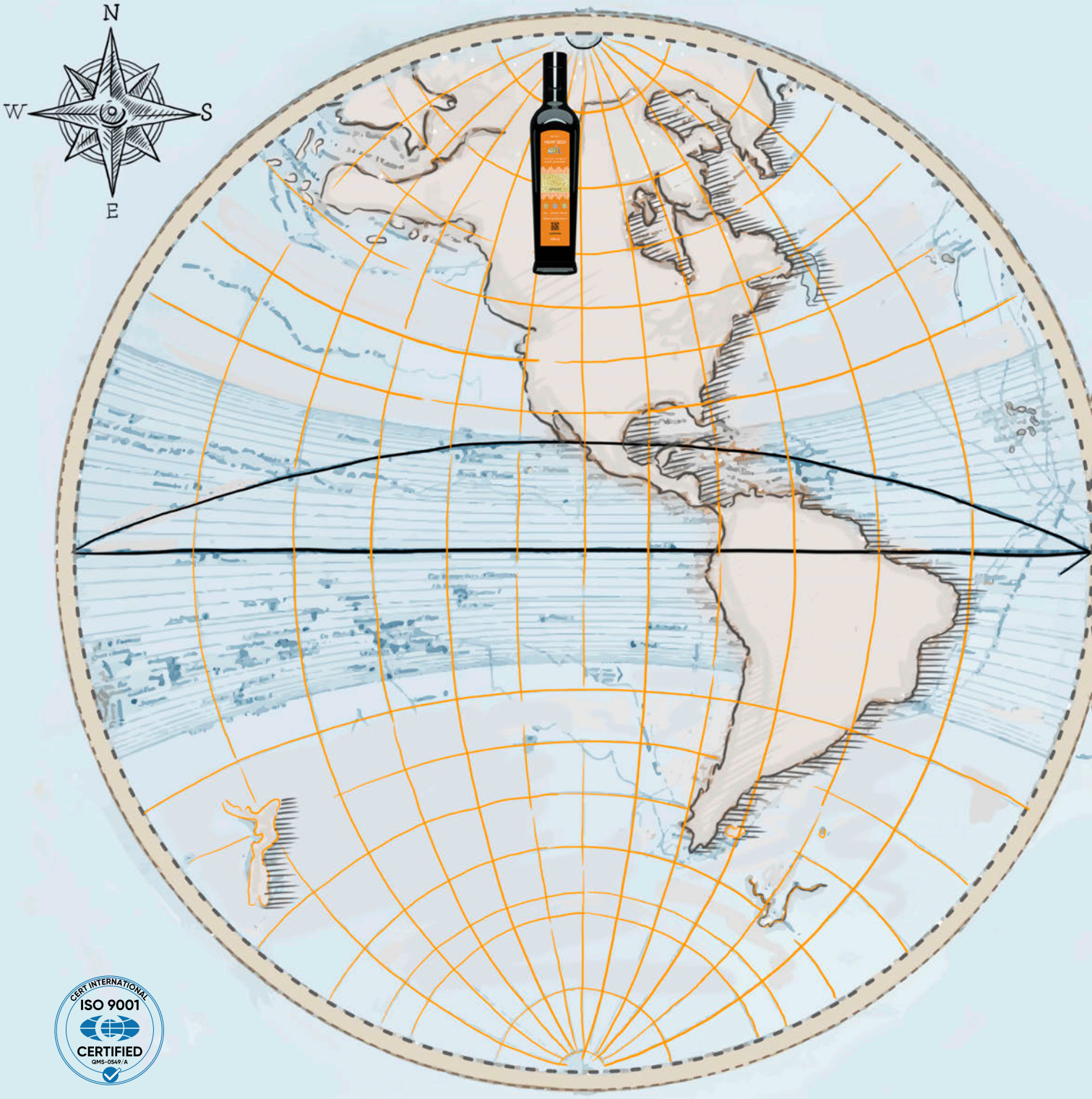
« The philosophy of the Leodar project is based on the basic principle of the Renaissance.

Leodar revives centuries-old traditions and the production of hemp products to ensure human life.

Leodar's main aspiration is to combine the art of industrial technology with the harmony of human life».

TABLE OF CONTENTS

LEODAR OIL'S QUALITY IS



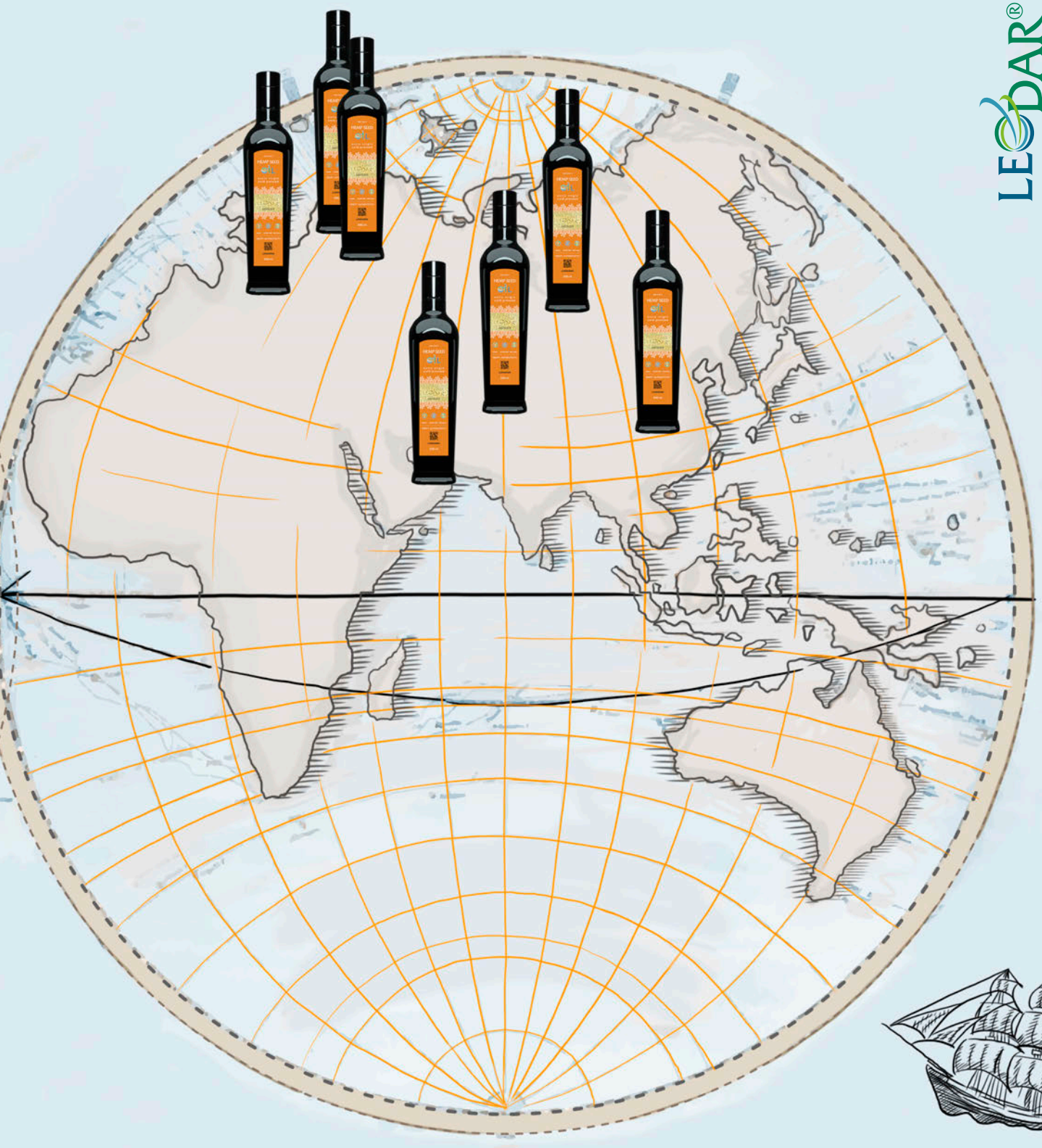
Quality Management Systems – Requirements

Food Safety Management Systems

ISO/IEC 17025:2017 – General requirements for the competence of testing and calibration laboratories

ITS BEST ADVERTISEMENT

LEDAR®



FOOD SAFETY CERTIFIED


Russia


USA


China


UAE


Uzbekistan


Switzerland


Germany

MINISTRY OF AGRICULTURE
REPUBLIC OF UZBEKISTAN

This license is issued for hemp cultivation and its use for industrial purposes not related in any way to the narcotic drugs and psychotropic substances production (containing less than 0.2% of tetrahydrocannabinol)

LICENSE

AA № 000001

In full accordance with the official decision No. 01 / 027-10 of February 15, 2021 by the Expert Commission with the Ministry of Agriculture Republic of Uzbekistan to:

JV "RS SUCCESS AGRO LTD"

Registered as per official address as follows: Syrdarya region, Khavast district, RSG Pakhtakor, MCG - Uzbekiston tukinchiligi, Leodar street, building 1

For the following activities to be implemented withing the territory of the Republic of Uzbekistan as follows: hemp cultivation, import (export), processing, storage, sale of hemp fibers and seeds and transportation on the territory of the Republic of Uzbekistan

License is valid: until 15.02.2026

Registered by serial number: 001

Approved by: J.A. Khodjayev

"DAVLAT BELGISI" DUK

CERT International

CERTIFICATE

SNAS
Reg. No. 494/Q-065
Reg. No. 494/R-124

«CERT INTERNATIONAL» s.r.o. certification body basing on the results of the audit conducted in accordance with the certification procedures confirms that the integrated management system of:

JV «RS Success Agro» LLC

LEODAR®

1, Leodar street, MSG Uzbekiston tukinchiligi, RSG Pakhtakor,
Khavast district, Syrdarya region, 120711, Republic of Uzbekistan

within the scope:

Cold pressed hemp oil production

meets the requirements of the following standards:

ISO 9001:2015, ISO 22000:2018

Certificate №:	IMS-0549/A
Order №:	1244/01
Valid from:	10.01.2022
Valid till:	09.01.2025

(subject to annual surveillance audits)

Head
of the Certification Body

10.01.2022

Status of the certificate can be enquired by QR-code or from request to the Certification body CERT International s.r.o.
ID 47173211, Račianska 66, 831 02 Bratislava-Nové Mesto, Slovakia.
Tel.: +421233046975, www.certin.org, info@certin.org

[National Emblem of Uzbekistan]

DEPARTMENT OF SANITARY AND EPIDEMIOLOGICAL SURVEILLANCE OF THE CHIEF MEDICAL DEPARTMENT OF THE PRESIDENTIAL ADMINISTRATION OF THE REPUBLIC OF UZBEKISTAN

(name of the institution that issued the safety and health certificate)

O'ZAK.SL0183 dated Apr. 27, 2022

(year and date of the received accreditation certificate)

SAFETY AND HEALTH CERTIFICATE

№ 005418

dated "08" August 2022 **valid until "08" August 2025**

This certificate is issued to: Uzbekistan

(manufacturer, country of origin, supplier)

Process Instruction

(regulatory documents or supporting documents for manufactured, imported products)

For manufactured (imported) products:

(name and quantity of products)

Hemp oil, packed in glass bottles of 250 ml, 500 ml

Mass production

According to: In terms of toxic elements, pesticides, mycotoxins, benzo[a]pyrene content,

(laboratory test findings and reports)

peroxide value, acidity index and radiological indicators, [the test objects] comply with

the requirements of SanPiN of the Republic of Uzbekistan No. 0366-19, UzTR 724-023:2020.

Test report(s) of KIL USEN GMU under the Presidential Administration of the Republic of Uzbekistan No. 2299 dated

Aug. 05, 2022 (sanitary and health tests), No. 2636 dated Aug. 04, 2022 (radiological tests)

COMPLIES with the requirements of sanitary rules and regulations.

Certificate recipient: "RS Success Agro" JV LLC

(name and legal address)

Republic of Uzbekistan, Sirdaryo Region, Xovos District, Paxtakor village community assembly, Leodar St. 1

(supplier's legal address or manufacturer's address)

Scope and purpose: For intended use

The responsibility for the quality and safety of the manufactured products rests with the manufacturer

Necessary conditions for use, storage, transportation and security measures:

Subject to sanitary regulations, transportation and storage rules

Special notes: A copy of the certificate is valid as long as presented with an original stamp and signature

of the holder of the original certificate or the institution that issued the certificate.

L.S.

[Stamp of the Department of Sanitary and Epidemiological Surveillance]

Head *[signature]* **S.O. Goziev**

(Full name and signature of the head of the institution that issued the safety and health certificate)

dated "08" August 2022

Ф-25

УПРАВЛЕНИЕ САНИТАРНО-ЭПИДЕМИОЛОГИЧЕСКОГО НАДЗОРА ГЛАВНОГО МЕДИЦИНСКОГО УПРАВЛЕНИЯ ПРИ АДМИНИСТРАЦИИ ПРЕЗИДЕНТА РЕСПУБЛИКИ УЗБЕКИСТАН
КОМПЛЕКС ИСПЫТАТЕЛЬНЫХ ЛАБОРАТОРИЙ
РУз, 100047, г. Ташкент, ул. С. Азимова, 65, тел.236-14-84

Свидетельство об аккредитации №UZ.AMT. 07.MAI 812

ПРОТОКОЛ ИСПЫТАНИЙ № 36
от 25 января 2022 г.

Наименование подразделения: **профилактическая токсико-гигиенической лаборатория**
Заявитель: **отдел по выдаче санитарно-эпидемиологического заключения**
Изготовитель (потребитель): **СП ООО «RS SUCCESS AGRO»**
Адрес: **РУз, Сырдарьинская обл, Хавастский р-он, ССГ Пахтакор**
Наименование продукции, данные маркировки: **(Узбекистан)**

Обр. № 1. Кокосовое масло 250 мл

Цель, задачи испытаний: **проведение субподрядных испытаний**
Дата поступления образца в лабораторию: **20.01.2022г.**
Дата проведения испытаний: начало **20.01.2022г**: **окончание 25.01.2022г.**
НД на объекты испытаний: на **соответствии СанПиН РУз № 0366-19 и UzTR.724-023:2020**
Условия проведения испытаний: **температура 22° С, относительная влажность 41 %.**
Дополнительная информация

Результаты проведения испытаний (измерений)

№	Наименование Показателей	НД на методы испытаний	По НД	Фактически
1	Бенз(а)пирен, mg/kg, не более	ГОСТ Р51650	0,002	по обнаружено

Протокол испытаний составлен в 2 экземплярах, состоит из 1-х страниц.
**Протокол испытаний распространяется только на представленные образцы и не действителен без подписи и печати.*

«Испытания проводил»
врач-лаборант Ташпулатов Ф.Н.
Ф.И.О., должность и подпись

«Контролировал»
врач-лаборант Эргашев Х.К.
Ф.И.О., должность и подпись

«Утвердил»
Эшназаров С.Э.
Ф.И.О. зав. лабораторией и подпись

«Дата выдачи и печать»
«25» января 2022г.

****

Отдел по выдаче санитарно-эпидемиологического заключения:
Заключение: соответствует требованиям СанПиН 0366-19, UzTR 724-023:2020

Санитарный врач: Шуруров Д.А.

Стр. 1 из 1

УПРАВЛЕНИЕ САНИТАРНО-ЭПИДЕМИОЛОГИЧЕСКОГО НАДЗОРА ГЛАВНОГО МЕДИЦИНСКОГО УПРАВЛЕНИЯ ПРИ АДМИНИСТРАЦИИ ПРЕЗИДЕНТА РЕСПУБЛИКИ УЗБЕКИСТАН
КОМПЛЕКС ИСПЫТАТЕЛЬНЫХ ЛАБОРАТОРИЙ
РУз, 100047, г. Ташкент, ул. С. Азимова, 65, тел.236-14-84

Свидетельство об аккредитации №UZ.AMT. 07.MAI 812

ПРОТОКОЛ ИСПЫТАНИЙ № 45
От 26 января 2022г.

Наименование подразделения: бактериологическая лаборатория
Заявитель: отдел по выдаче санитарно-эпидемиологического заключения
Изготовитель (заказчик): ИП ООО « **RS SUCCESS AGRO** »
Адрес: **РУз.Сырдарьинская обл, Хавастский р-н, ССГ Пахтакор, МСГ Узбекистон тухимчилари, ул Леодар дом 1**
Наименование продукции, данные маркировки:
Образец №1 Кокосовое масло 250g
Номер акта отбора образца: **№211** от 20.01.22г Согласно программы испытаний по ТУ производителя (экспериментальная партия)
Дата поступления образца в лабораторию: 21.01.22г.
Дата проведения испытаний: начало 21.01.22г., окончание 26.01.22г.
НД на объекты испытаний: на соответствие ТУ производителя
Условия проведения испытаний: температура 21°С ....., относительная влажность 51%.....
Дополнительная информация: санэпид.заключение.....

Результаты проведения испытаний (измерений)

№	Наименование показателей	НД на методы испытаний	По НД	Фактически № 1
1	МАФАМ	ГОСТ 10444.15-94	$<3,0*10^5$КОЕ/g	55КОЕ/g
2	БГКП (Coliforms +30ºС)	ГОСТ 31747-2012	$< 10^3$КОЕ/g	Не обнаружено
3	Пат. флора в. т.ч. Salmonella	ГОСТ 31659 - 2012	В 125,0 г не доп	Не обнаружено
4	E coli (+44ºС)	ГОСТ31708-2012	< 10 КОЕ/g	Не обнаружено
5	Анаэробные Сульфит.редуц. клостридии	ГОСТ29185-14	$< 10^4$КОЕ/g	Не обнаружено
6	Сем.Enterodacteriaceae	ГОСТ 32064-2013	$<10^4$КОЕ/g	Не обнаружено
7	S.aureus	ГОСТ 31746-2012	$< 10^3$КОЕ/g	Не обнаружено
8	B cereus	ГОСТ10444.8-2013	<10 КОЕ/g	Не обнаружено
9	Дрожжи/плесень	ГОСТ 10444.12-2013	$<10^3/10^4$КОЕ/g	Не обнаружено/не обнаружено

Протокол испытаний составлен в 2 экземплярах, состоит из 1 страницы.
**Протокол испытаний распространяется только на представленные образцы и не действителен без подписи и печати.*

«Испытания проводил»
Захарова Л.А.лаборант
И.О., должность и подпись

«Контролировал»
Пахомова В.А.
ФИО должность и подпись

«Утвердил»
Зав.бактлабораторией
Эшназаров С.Э.
Ф.И.О. зав.лаборатории и подпись

«Дата выдачи и печать»
«26» января 2022г

****

Отдел по выдаче санитарно-эпидемиологического заключения:

Ф-25

УПРАВЛЕНИЕ САНИТАРНО-ЭПИДЕМИОЛОГИЧЕСКОГО НАДЗОРА ГЛАВНОГО МЕДИЦИНСКОГО УПРАВЛЕНИЯ ПРИ АДМИНИСТРАЦИИ ПРЕЗИДЕНТА РЕСПУБЛИКИ УЗБЕКИСТАН
КОМПЛЕКС ИСПЫТАТЕЛЬНЫХ ЛАБОРАТОРИЙ
РУз, 100047, г. Ташкент, ул. С. Азимова, 65, тел.236-14-84

Свидетельство об аккредитации №UZ.AMT. 07.MAI 812

ПРОТОКОЛ ИСПЫТАНИЙ №12
от 24 января 2022 г.

Наименование подразделения: **Отдел «Радиационной безопасности с лабораторией контроля физических факторов внешней среды»**
Заявитель: **отдел по выдаче санитарно-эпидемиологического заключения**
Изготовитель (заказчик): **СП ООО "RS Success Agro"**
Адрес: **обл. Сырдарьинская, р-н. Хавастский, ССГ Пахтакор**
Наименование продукции, данные маркировки:
Образец № 1 Кокосовое масло 250мл (Узбекистан)
Цель, задачи испытаний: **Согласно программы испытаний № Л-211**
Дата поступления образца в лабораторию: 20.01.2022г.
Дата проведения испытаний: начало 20.01.2022г. окончание 24.01.2022г;
НД на объекты испытаний: на соответствие СанПиН РУз №0366-19 приложение 3, пункт 9
Условия проведения испытаний: температура 20°С, относительная влажность 51%
Дополнительная информация: Средства измерения: Спектрометр МКС-1315 зав. №5079
Сертификат метрологической поверки № 409/37 от 10.09.2021г. Весы CAS-MWP 600 № 12 MWP03600N0337
Сертификат метрологической поверки № 4802 от 21.06.2021г. Гигрометр психрометрический ИНТ-2 зав.№А4998/13
Сертификат метрологической поверки №0905468 от 25.06.2021г.

В представленном образце
Результаты проведения испытаний (измерений)

Наименование показателей	НД на методы испытаний	По НД	Фактически
Радионуклиды:			1
Цезий-Cs-137, Bq/kg, не/б	ОУ-ОУП 0547:2021 (МИИМП 1181-2011)	60	7.9
Стронций (Sr)-90, Bq/kg, не/б		80	2.5

Протокол испытаний составлен в 2 экземплярах, состоит из 1 страницы.
**Протокол испытаний распространяется только на представленные образцы и не действителен без подписи и печати.*

«Испытания проводил»
Лаборант Сасыкалиева Р.С.
Ф.И.О., должность и подпись

«Контролировал»
Инженер радиолог Ахмаджонов Б.Т.
Ф.И.О., должность и подпись

«Утвердил»
Ахмаджонов Н.Т.
Ф.И.О. зав. отд. и подпись

«Дата выдачи и печать»
24 января 2022 г.

****

Отдел по выдаче санитарно-эпидемиологического заключения:
Заключение: соответствует требованиям СанПиН № 0366-19.

Санитарный врач: Шуруров Д.А.

Стр. 1 из 1

Ф-25

УПРАВЛЕНИЕ САНИТАРНО-ЭПИДЕМИОЛОГИЧЕСКОГО НАДЗОРА ГЛАВНОГО МЕДИЦИНСКОГО УПРАВЛЕНИЯ ПРИ АДМИНИСТРАЦИИ ПРЕЗИДЕНТА РЕСПУБЛИКИ УЗБЕКИСТАН
КОМПЛЕКС ИСПЫТАТЕЛЬНЫХ ЛАБОРАТОРИЙ
РУз, 100047, г. Ташкент, ул. С. Азимова, 65, тел.236-14-84

Свидетельство об аккредитации №UZ.AMT. 07.MAI 812

ПРОТОКОЛ ИСПЫТАНИЙ № 36
от 25 января 2022 г.

Наименование подразделения: **санитарно-гигиенической лаборатория**
Заявитель: **отдел по выдаче санитарно-эпидемиологического заключения**
Изготовитель (заказчик): **СП ООО «RS SUCCESS AGRO»**
Адрес: **РУз, Сырдарьинская область, Хавастский район, ССГ Пахтакор**
Наименование продукции, данные маркировки: (Узбекистан)

Обр. № 1. Кокосовое масло 250 мл

Цель, задача испытаний: проведение лабораторных исследований №-211
Дата поступления образца в лабораторию: **20.01.2022 г.**
Дата проведения испытаний: начало: **20.05.2022г.** - окончание: **25.01.2022 г**
НД на объекты испытаний: на соответствие **СанПиН РУз № 0366-19, п.7.1.**
Условия проведения испытаний: температура 20°±2С, относительная влажность 49+2%.
Дополнительная информация:.....

Результаты проведения испытаний (измерений)

№	Наименование показателей	НД на методы испытаний	По НД	Фактически 1
1	Свинец, mg/kg, не более	МУ №/254-2011	0,1	0,025
2	Мышьяк, mg/kg, не более	МУ №/254-2011	0,1	0
3	Кадмий, mg/kg, не более	МУ №/254-2011	0,05	0,001
4	Ртуть, mg/kg, не более	МУ №/254-2011	0,03	0
5	Железо, mg/kg, не более	МУ №/254-2011	1,5	0,083
6	Медь, mg/kg, не более	МУ №/254-2011	0,1	0,005
7	ДДТ, mg/kg, не более	МУ №012-3/0010	0,1	0
8	ГХЦГ, mg/kg, не более	ГОСТ 2142-80	0,05	0
9	Кислотное число, мг КОН/г не более	Od/Sj 1203:2015	0,4	0,15
11	Афлатоксин В1, mg/kg, не более	МУ №012-3/0008	0,005	0

Протокол испытаний составлен в 2 экземплярах, состоит из 1-ой страницы
Протокол испытаний распространяется только на представленные образцы и не действителен без подписи и печати.

«Испытания проводил»
врач-лаб. Эргашев Х.К.
лаборант Парпиева Д.Р.

«Контролировал»
врач-лаб. Гурсунова Д.С.

«Утвердил»
Заведующий лабораторией: Аджиева Л.Э.

«Дата выдачи и печать»
от 25 января 2022г.

****

Отдел по выдаче санитарно-эпидемиологического заключения:
Заключение: соответствует требованиям СанПиН 0366-19.

Санитарный врач: Шуруров Д.А.

Стр. 1 из 1.

ҚОП 5.10-Ф3(4)

REPUBLICAN CENTER OF FORENSIC EXAMINATIONS NAMED AFTER X. S. SULAYMONOVA UNDER THE MINISTRY OF JUSTICE OF THE REPUBLIC OF UZBEKISTAN

Address: 100105, Tashkent, Mirabad district, Fargona Yuli St.
Telephone: 71 2091155

EXPERT OPINION NO. 29/18(10912)8.1M/ *16326*

Tashkent **"24" November 2022**

On November 14, 2022, the Republican Center of Forensic Examinations Named after X. S. Sulaymonova under the Ministry of Justice received a letter from the CEO of the RS Success Agro JV LLC R. Sh. Ibragimova under No. 2022-11-11/271/1 dated November 11, 2022, with a request to: 1) determine the composition of the oil submitted for examination; 2) determine the presence or absence of tetrahydrocannabinol in the composition of the oil sample submitted for testing.

Based on the request, a contract was drawn up under No. 243/2022 dated Nov 14, 2022, and a payment was made on November 18, 2022.

The examination was conducted by the specialist of the Laboratory of Forensic Examination of Materials, Substances and Products (KIMVI) of the Republican Center of Forensic Examinations (RCSE), the chief expert N. V. Korableva.

Note: 1. The specialists are not responsible for the information, objects and/or samples provided by the customer. Therewith, the examination findings relate to the object and/or sample provided by the customer (according to Paragraph 19 of the Instruction on the Procedure to Conduct a Forensic Examination in Forensic Expert Institutions of the Ministry of Justice of the Republic of Uzbekistan and Paragraph 7.8.2.2 of the Management System Manual (QPCM) of the RCSE developed as per the requirements of ISO 17025:2017).

2. In the course of examining physical evidence and examination objects, the measures and measuring instruments used in the research methodology undergo periodic metrological verification (calibration) in accordance with the approved annual plan /2/

The following was submitted for examination: one glass receptacle – a dark glass bottle with a polymer screw cap and a colored label bearing the inscription "HEMP SEED OIL 250ml". The label indicated the manufacturing company RS Success Agro JV LLC, the nutritional and energy value (Photo 1,2). The bottle contained an oily liquid of yellow-greenish color, Object 1 (hereinafter the expert's designation).

The appearance of the investigated Object 1 is shown in Photo 1,2.

The examination used the following literature:

1. O'zbekiston Respublikasi Adliya vazirligining sud ekspertiza muassasalarida sud ekspertizasini o'tkazish tartibi to'g'risidagi YO'RIQNOMA, Mar 02, 2011, No. 2202.

2. ҚОП 5.10(7.8) (4) Reporting of results, approved by the Director of RCSE, dated Feb 04, 2022.

3. Recommended guidelines for quality assurance and good laboratory practices. Manual for use by national laboratories. UN, 2000.

3. SUPELCO, BF3-methanol, product specification and typical procedure/Sigma-aldrich, USA, 1998.

4. Savitsky A. N., Kuznetsov D. I., Beltsova T. F., Semenova L. I. Kriminalisticheskoie issledovanie pischevykh zhyrov [Forensic examination of edible fats]. Moscow, 1980.

5. HPLC Application Note: Multicomponent analyses of fats and oils using diode-array detection. Rainer Schuster, Hewlett-Packard, FRG.

6. “Kodeks Alimentarius” ZHIRY, MASLA I PROIZVODNYE PRODUKTY, Standart Kodeksa Dlia Poimenovannykh Rastitelnyh Masel [Codex Alimentarius. Fats, oils and related products. Codex Standard for Named Vegetable Oils]. Moscow, 2007.

7. Recommended methods for the identification and analysis of cannabis and cannabis products (revised and updated edition of the MANUAL FOR USE BY NATIONAL DRUG ANALYSIS LABORATORIES, UN, New York, 2010.

Examination methods: The questions asked were solved by conducting a chromatography–mass spectrometry study.

Preparation of samples for analysis: aliquots of 10 ml each were taken from Object 1 submitted for examination into cone flasks, 50 ml of ethyl alcohol were added, and extraction was performed using ultrasonic treatment for 10 minutes, then the samples were poured into separation funnels and left for phase separation for 2 hours. After separation, the alcohol layer was poured into porcelain plates, evaporated to dryness under a hood at room temperature, added 1 ml ethyl alcohol each, and used for further analysis.

The prepared samples of Object 1 were analyzed using a chromatography–mass spectrometer SHIMADZU GCMS-QP2020 with a capillary column 30 m × 0.25 mm in size containing 5% solution of phenylmethylsiloxane in dimethylsiloxane, the carrier gas being helium. Conditions of analysis: the gas flow rate in column was 2.2 ml/min, the injector temperature 250 °C, the programmed column thermostat temperature from 150 to 280 °C, the temperature rise rate 10 °C/min, the exposure 10 min, the linear velocity 56.3 cm/s, the common gas stream flow rate 118.2 ml/min, the linear pressure rate control 185.9 kPa, the sample size of 1 µl, and the split ratio 1:50.

The peaks were identified by comparing the peak mass spectra of the examined Object 1 with those available in the mass spectra libraries NIST17, Forensic Toxicologies, DD2019, NISTFULL.L, Wiley275.L, SWDRUG.3.11L, CAYMANSPECTRA.L, and PMW_TOX3.L.

Analysis of the resulting chromatograms and mass spectra shows that:

- one peak was identified in the extract of oily liquid (Object 1), with a retention time of 18.83 minutes, fragment ions with a m/z of 314, 246, 231, 193, 121, 91, 77, corresponding to cannabidiol (CBD).

No peaks characteristic of the narcotic substance, tetrahydrocannabinol (THC), were identified in the submitted oily liquid (Object 1).

To determine the composition of the sample of oily liquid submitted for examination (Object 1), its fatty acid composition was determined by chromatography–mass spectrometry analysis of fatty acid methyl esters.

Preparation of samples for analysis: aliquots of 0.20 ml each were taken in duplicate from Object 1 submitted for examination into penicillin flasks for the methylation process, 1 ml of oftoluene and an alkylating solution (trifluoroborate in 10% methanol) were added into each flask. Methylation was conducted by heating in water bath at a temperature of 60 °C for 10 minutes, then the flasks were cooled down, added 1 ml of distilled water, stirred up, and, after phase separation, the upper organic layer was taken for analysis.

Chromatographic conditions: the analysis was conducted on the chromato-mass spectrometer Agilent Technology GC/MS AT 5973M using a capillary column of 30 m × 0.25 mm in size with 5% phenylmethylsiloxane at the injector temperature of 280 °C, the MS source temperature being 230 °C, the MS quadrupole temperature 180 °C, the column thermostat temperature programmed from 170 to 280 °C, the temperature rise rate 10 °C/min, the sample size 1 µl, and no flow split.

Analysis of the obtained chromatograms and mass spectra of the methylated solutions of the

submitted oily liquid (Object 1) indicates that peaks were found in the examined Object 1, corresponding to methyl esters of saturated (palmitic, stearic) and unsaturated (linoleic, oleic) fatty acids characteristic of vegetable oils.

Thus, the analysis has determined that the oily liquid submitted for examination (Object 1) contains unsaturated and saturated fatty acids characteristic of vegetable oils.

Summary of examination findings:

The examinations conducted have determined that the oily liquid submitted for examination in one glass bottle made of dark glass bearing a label with the inscription "HEMP SEED OIL 250 ml" contains unsaturated and saturated fatty acids characteristic of vegetable oils, as well as trace amounts of the cannabinoid characteristic of plant genus Cannabis – cannabidiol (CBD).

No traces of the narcotic drug tetrahydrocannabinol were found in the composition of the oily liquid submitted for examination (Object 1), as determined by chromatography–mass spectrometry analysis.

Answers to the questions asked as a matter of the inquiry:

1. The oily liquid submitted for examination in one glass bottle made of dark glass bearing a label with the inscription "HEMP SEED OIL 250 ml" contains unsaturated (palmitic, stearic) and saturated (linoleic, oleic) fatty acids characteristic of vegetable oils, as well as trace amounts of the cannabinoid characteristic of plant genus Cannabis – cannabidiol (CBD).

2. There is no narcotic drug tetrahydrocannabinol in the composition of the oily liquid submitted for examination, with a label reading "HEMP SEED OIL 250ml".

RCSE Specialist _____*[signature]*_____ **N. V. Korableva**

[Stamp: O'ZBEKISTON RESPUBLIKASI ADLIYA VAZIRLIGI X. SULAYMONOVA NOMIDAGI RESPUBLIKA SUD EKSPERTIZASI MARKAZI * // XULOSALAR UCHUN]

eurofins | Food Testing

ilac-MRA SNAS Reg. No. 686/S-400

ɔonsible for correctness:

Ludmila Kruteková
Deputy Head of Microbiology laboratory

ked out by: Ludmila Kruteková
ɔf document: 202231012226321

Eurofins Food Testing Slovakia s.r.o. - 1 - AKREDITOVANÉ SKÚŠOBNÉ LABORATÓRIUM SNAS č. S-400

Test Certificate approved by
Ludmila Kruteková
Deputy Head of Microbiology laboratory

eurofins | Food Testing

ilac-MRA SNAS Reg. No. 686/S-400

Analytical report AR-22-SZ-013156-03

ng laboratory: ɪfins Food Testing Slovakia s.r.o. jatická 73, 940 02 Nové Zámky 52 601 714 +421 908810030, +421 911810531 etingNZ@eurofins.sk, www.eurofins.sk	**Customer:** Industrial Innovation Group Europe s. r. o. Na Troskách 26 974 01 Banská Bystrica SLOVAKIA

Sample Receipt: 02.03.2022 **Date of Testing**: 02.03.2022 - 08.03.2022 **Issue date:** 10.03.2022

tion about Sampling:

pler: customer

information: **147-2022-00015903**

ple description: Panenský olej zo semien konopy siatej (Cannabis Sativa), lisovaný za studena Leodar®./ Cold pressed hemp seed oil Leodar®

ucer: RS Success Agro, Uzbekistan

biological tests

eter	Unit	Allowed Value	Measured Value	Uncertainty of measurement*	Testing method	E	SL	TT
ıs	cfu/g	≤ 10	<10	-	STN ISO 4832	S	NZ	A
	cfu/g	≤ 100	<10	-	STN ISO 21527-1	S	NZ	A

:MENT

sample is satisfied according to Codex Alimentarius No. 06267/2006-SL of Slovak Republic, part No. 6 - Fats and oils.

ng: Test results cannot be substituted by any inspection or certification of products.

E - evaluation
S - satisfied
NS - not satisfied
(A) - accredited sampling
(SA) - accredited sampling executed under the subcontract
ŠPP - Standard operation procedure
ND - not detected by given method
LOQ, LQ – limit of quantification
CFU - Colony forming unit
NM - necessary quantity
m - the highest allowed value at the case of one sample
M, c - "M" highest allowed value for the number "c" at the case of 5 sample`s evaluation
* - uncertainty determined by extension coefficient k=2 (with probability of 95%) does not include the uncertainty of sampling.
- uncertainty given in % reflects the uncertainty from the result of measurement.
SL - analysis laboratory: NZ-Nové Zámky, TR-Turcianske Teplice, BA-Bratislava

TT - type of test
A - accredited test executed at the own test laboratory
N - non accredited test executed at the own test laboratory
SA - accredited test executed under the subcontract
SN - unaccredited test executed under the subcontract
(TM) - testing outside the laboratory at the customer

ner: Laboratory is a disclaimer when the information is supplied by the customer and can affect the validity of results.
If the sample has been provided by the customer, the results refer to the sample as it was received.
Gauges and measuring equipment used for testing were calibrated or attested in accordance with the valid metrological instructions.
The above mentioned test results refer to the tested sample only!
The result given in this Test Certificate and marked as non accredited test shall not be a subject of accreditation.
The result given in this Test Certificate and marked as sub- delivery is the result of a Subcontractors gauging made under the terms and conditions of a contract concluded eith him.
It´s not possible reproduce or incorporate the test certificate into promotional materials without laboratory written authorization!
SNAS is a Signatory to the Multilateral Agreement MRA ILAC.

Общество с ограниченной ответственностью «Трансконсалтинг»
(ООО «Трансконсалтинг»)
115211, г. Москва, Каширское ш., д. 55, к. 5, помещ. I, ком. 20
Испытательный центр «CERTIFICATION GROUP»
Испытательная лаборатория «LIGHT GROUP»
142500, Московская обл., г. Павловский Посад, ул. Городковская, д. 73а, к. 10, к. 11
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Уникальный номер записи об аккредитации в реестре аккредитованных лиц RA.RU.21АИ63

УТВЕРЖДАЮ
Руководитель ИЛ
_____ Л.О.Белюкова
28 марта 2022 г.

Протокол испытаний:	№ 15Л/З-28.03/22
Дата выдачи протокола:	28.03.2022
Наименование и контактные данные заказчика:	Общество с ограниченной ответственностью "Леодар", Юридический адрес: 115114, город Москва, улица Летниковская, дом 10, строение 2, Российская Федерация Фактический адрес: 115114, город Москва, улица Летниковская, дом 10, строение 2, Российская Федерация
Изготовитель:	RS Success Agro СП ООО, Юридический адрес: Ул. Леодар 1, Сырдарьинская область, ССГ Пахтакор, МСГ Узбекистон тукинчилиги, Узбекистан Адрес места осуществления деятельности по изготовлению продукции: Ул. Леодар 1, Сырдарьинская область, ССГ Пахтакор, МСГ Узбекистон тукинчилиги, Узбекистан
Наименование (торговая марка/модель/тип/артикул) образца (ов):	Масло конопляное, холодного отжима, нерафинированное прессовое I сорта Леодар (Leodar®), торговая марка: Leodar.
Сведения об отборе образца (ов):	Образец(ы) предоставлен(ы) заказчиком.
Дата получения образца (ов):	17.03.2022
Идентификационный номер:	Л317032022/З
Основание проведения испытаний:	Заявка № 12-0302 от 03.02.2022
Место осуществления лабораторной деятельности:	Московская обл., г. Павловский Посад, ул. Городковская, д. 73а, к. 11
Дата (ы) осуществления лабораторной деятельности:	с 17.03.2022 по 28.03.2022
Документ (ы), устанавливающий (е) требования к продукции:	ТР ТС 021/2011 "О безопасности пищевой продукции" ТР ТС 024/2011 "Технический регламент на масложировую продукцию"

Результаты испытаний настоящего протокола относятся только к представленному образцу (ам).

ГОСТ 32161-2013 Продукты пищевые. Метод определения содержания цезия Cs-137;
ГОСТ 32163-2013 Продукты пищевые. Метод определения содержания стронция Sr-90;
ГОСТ 30711-2001 Продукты пищевые. Методы выявления и определения содержания афлатоксинов B(1) и M(1);
ГОСТ ISO 15302-2019 Жиры и масла животные и растительные. Определение содержания бенз(а)пирена. Метод обращенно-фазовой высокоэффективной жидкостной хроматографии;
ГОСТ 32122-2013 Масла растительные. Определение хлорорганических пестицидов методом газожидкостной хроматографии;
ГОСТ 31933-2012 Масла растительные. Методы определения кислотного числа и кислотности;
ГОСТ Р 51487-99 Масла растительные и жиры животные. Метод определения перекисного числа.

Результаты испытаний

Наименование показателя и/или критерий соответствия по НД	Единицы измерений	НД на методы испытаний	Значение показателей	
			по НД	результаты испытаний
Токсичные элементы				
Массовая концентрация свинца	мг/кг	ГОСТ 30178-96	Не более 0,1	Менее 0,01
Массовая концентрация мышьяка	мг/кг	ГОСТ Р 51766-2001	Не более 0,1	Менее 0,01
Массовая концентрация кадмия	мг/кг	ГОСТ 30178-96	Не более 0,05	Менее 0,01
Массовая концентрация ртути	мг/кг	ГОСТ Р 53183-2008	Не более 0,03	Менее 0,002
Массовая концентрация железа	мг/кг	ГОСТ 30178-96	Не более 5,0	Менее 0,1
Массовая концентрация меди	мг/кг	ГОСТ 30178-96	Не более 0,4	Менее 0,05
Пестициды				
ГХЦГ (α, β, γ - изомеры)	мг/кг	ГОСТ 32122-2013	Не более 0,2	Менее 0,001
ДДТ и его метаболиты	мг/кг	ГОСТ 32122-2013	Не более 0,2	Менее 0,001
Микотоксины				
Афлатоксин B_1	мг/кг	ГОСТ 30711-2001 п.4	Не более 0,005	Менее 0,003
Радионуклиды				
Удельная активность цезия-137	Бк/кг	ГОСТ 32161-2013	Не более 40	Менее 6,6
Удельная активность стронция-90	Бк/кг	ГОСТ 32163-2013	Не более 80	Менее 19,8
Показатели безопасности пищевой масложировой продукции				
Бенз(а)пирен	мг/кг	ГОСТ ISO 15302-2019	Не более 0,002	Менее 0,0001
Показатели окислительной порчи				
Кислотное число	мг КОН/г	ГОСТ 31933-2012 п.7	Не более 4,0	1,9±0,1
Перекисное число	мэкв/кг	ГОСТ Р 51487-99 п.9.2.2	Не более 10,0	6,7

Протокол проверил(и):

Руководитель отдела испытаний пищевых продуктов — Н.В.Прилепина

Руководитель отдела хроматографических испытаний — Д.В.Персиков

Протокол подготовил:

Руководитель отдела по работе с заказчиком — Т.С.Щептева

Конец протокола испытаний.

Institut Kurz GmbH
Independent Laboratory

Institut Kurz GmbH - Nattermannallee 1 · 50829 Cologne - Germany

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Industrial Innovation Group L.L.C
Maleha Street P.O. Box 123428
Sharjah
United Arab Emirates

La Cologne, 30.09.2022

Analysis report 22005275-02-1

Sample name:	**Hemp Seed Oil**
Sample number:	22005275
Arrival of sample:	10.08.2022, 09:30 via courier
Number of samples:	2
Sent to us by:	see above
Sample temperature [°C]:	20
Package:	Dark glass container with a screw cap and colorfully printed adhesive labels
Scope of analysis:	microbiological and chemical results
Charge / Lot:	O0000RA53B and O000TA53D
Sample description:	Hemp Seed Oil cold pressed 250 ml
Comment:	Analysis performed with a mixed sample from both bottles.
Start of analysis:	10.08.2022
End of analysis:	30.08.2022

Basis of evaluation:

- Regulation (EC) No 178/2002, last amended on June 20, 2019
- German food law, last amended on September 27, 2021
- Regulation (EC) No 1881/2006, last amended on April 12, 2022
- Regulation (EC) No 396/2005, last amended on August 26, 2022
- EU Pesticides Database, in the current version
- Regulation (EC) No 2073/2005, last amended on February 14, 2020
- German Society for Fat Science e.V.: Physical properties of fats and oils (http://www.dgfett.de/material/physikalische_eigenschaften.pdf)
- European Industrial Hemp Association: Hemp Seeds and Hemp Oil as Foods (http://eiha.org/media/2014/10/Hemp-Seeds-and-Hemp-Oil-as-Food-2009.pdf)

to report 22005275-02-1

Microbiological analysis

Parameter	Result	Unit	Method
Aerobic mesophilic plate count	< 100	cfu/g	IK5971, ASU L00.00-88/2 (2015-06)++
Enterobacteriaceae	< 100	cfu/g	IK5973, ASU L06.00-24 (1987-11) mod.++
Escherichia coli	< 10	cfu/g	IK5975, ASU L00.00-132/2 (2010-09)++
Coliform germs	< 10	cfu/g	IK5976, ASU L01.00-3 (1987-03) mod.++
presumptive Bacillus cereus	< 100	cfu/g	IK5977, ASU L01.00-72 (2011-01) mod.++
Coagulase-positive Staphylococci	< 100	cfu/g	IK5978, ASU L00.00-55 (2004-12) mod.++
Yeast	< 100	cfu/g	IK5974, ASU L01.00-37 (1990-06) mod.++
Mould	< 100	cfu/g	IK5974, ASU L01.00-37 (1990-06) mod.++
Sulfite-reducing clostridia	< 10	cfu/g	IK5057, ASU L06.00-39 (1994-05)++
Salmonella spp.	not detected	in 25 g	IK5843, SALMA BIO12/41-03/17++

"<": value is equal to the limit of detection

Chemical results

Parameter	Result	Unit	Method
Water	0,394	g/100 g	IK0107, Karl-Fischer
Fat	100	g/100 g	IK0027, Weibull-Stoldt; version: 2022-05-10+
Acid value	1,97	mg KOH/g fat	IK0060, DGF C-VI 2, version: 2012+
Peroxide value	8,24	meq oxygen/kg fat	IK0059, DGF C-VI 6a, version: 2005+
Saponification value	196	mg KOH/g	IK6154, DGF C-V 3
Iodine value	141	g/100 g	IK5187, DGF C-V 11d (02)
Density	0,92203	g/ml	IK0074, Pycnometer, 20 °C
Butyric acid C4:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Caproic acid C6:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Caprylic acid C8:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID

to report 22005275-02-1

Parameter	Result	Unit	Method
Capric acid C10:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Undecansäure C11:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Lauric acid C12:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Tridecanoic acid C13:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Myristic acid C14:0	0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Myristoleic acid C14:1w5c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Pentadecanoic acid C15:0	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-10-pentadecenoic acid C15:1w5c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Palmitic acid C16:0	6,28	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Palmitoleic acid C16:1w7c	0,11	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Palmitelaidic acid C16:1w7t	< 0,01	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-7-hexadecenoic acid C16:1w9c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-9,12-hexadecadienoic acid C16:2w4c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-6, 9, 12-hexadecatrienoic acid C16:3w4c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Heptadecanoic acid C17:0	0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Heptadecenoic acid, cis isomers C17:1-cis	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Stearic acid C18:0	3,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Octadecenoic acid, cis isomers without C 18:1w9c, C18:1-cis	15,82	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
trans-octadecenoic acid C18:1-trans	0,02	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Oleic acid C18:1w9c	0,91	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
conjugated linoleic acid CLA C18:2-conj.	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Linoleic acid C18:2w6c	52,79	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Octadecadienoic acid, trans-C18:2w6-trans	0,13	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
alpha-linolenic acid C18:3w3c	15,35	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Octadecatrienoic acid, trans isomers C18:3w3-trans	0,06	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
gamma-linolenic acid C18:3w6c	2,21	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Stearidonic acid C18:4w3c	0,72	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Arachidic acid C20:0	1,02	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-11 eicosenoic acid, C20:1w9c	0,49	g/100 g fat	IK5738, ISO 12966 mod., GC-FID

to report 22005275-02-1

Parameter	Result	Unit	Method
Eicosenoic acid, cis isomers, without C20:1w9c, C20:1-cis	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-11,14-Eicosadiensäure C20:2w6c	0,07	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-11,14,17-Eicosatriensäure C20:3w3c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-8,11,14-Eicosatriensäure C20:3w6c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-8,11,14,17-Eicosatetraensäure C20:4w3c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Arachidonic acid C20:4w6c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-5,8,11,14,17-Eicosapentaenoic acid EPA C20:5w3c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Behenic acid C22:0	0,45	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Erucic acid C22:1w9c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Docosaenoic acid, cis isomers without C22:1w9c, C22:1-cis	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-13,16-Docosadiensäure C22:2w6c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-7,10,13,16-Docosatetraensäure C22:4w6c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-7,10,13,16,19-Docosapentaensäure C22:5w3c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-4,7,10,13,16-Docosapentaensäure C22:5w6c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
cis-4,7,10,13,16,19-docosahexaenoic acid DHA C22:6w3c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Tricosanoic acid C23:0	0,07	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Lignoceric acid C24:0	0,19	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
Nervonic acid C24:1w9c	< 0,05	g/100 g fat	IK5738, ISO 12966 mod., GC-FID
saturated fatty acids	11,16	g/100 g	IK5738, ISO 12966 mod., GC-FID
monounsaturated fatty acids	17,33	g/100 g	IK5738, ISO 12966 mod., GC-FID
polyunsaturated fatty acids	71,14	g/100 g	IK5738, ISO 12966 mod., GC-FID
trans fatty acids	0,21	g/100 g	IK5738, ISO 12966 mod., GC-FID
omega-3-fatty acids	16,07	g/100 g	IK5738, ISO 12966 mod., GC-FID
omega-6-fatty acids	55,07	g/100 g	IK5738, ISO 12966 mod., GC-FID
Gluten	< 5	mg/kg	IK5988, ELISA
Lead	< 0,05	mg/kg	IK5552, ICP-MS
Cadmium	< 0,005	mg/kg	IK5552, ICP-MS
Arsenic	< 0,01	mg/kg	IK5552, ICP-MS
Mercury	< 0,01	mg/kg	IK5552, ICP-MS
Ochratoxin A	< 0,5	µg/kg	IK6041, LC-MS/MS

to report 22005275-02-1

Parameter	Result	Unit	Method
Deoxynivalenole DON	< 10	µg/kg	IK5788, LC-MS/MS
Aflatoxins (B1, B2, G1, G2) Sum	< 2,0	µg/kg	IK2350, UPLC-MS/MS
Aflatoxin B1	< 0,1	µg/kg	IK2350, UPLC-MS/MS
Zearalenone (ZEA)	< 10	µg/kg	IK5844, LC-MS/MS
Fumonisin B1	< 20	µg/kg	IK5845, LC-MS/MS
Fumonisin B2	< 20	µg/kg	IK5845, LC-MS/MS
Fumonisin sumary	< 20	µg/kg	IK5845, LC-MS/MS
Pesticides	see below	mg/kg	IK5302, GC-MS/MS, IK5301, LC-MS/MS
Sum cannabidiol (CBD + CBDA)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabidiol (CBD)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabidiol carboxylic acid	< 0,01	g/100 g	IK5672, HPLC-DAD
Sum tetrahydrocannabinol (THC + THCA)	< 0,01	g/100 g	IK5672, HPLC-DAD
D9-tetrahydrocannabinol (D9THC)	< 0,01	g/100 g	IK5672, HPLC-DAD
Tetrahydrocannabinol carboxylic acid (THCA)	< 0,01	g/100 g	IK5672, HPLC-DAD
D8-tetrahydrocannabinol (D8THC)	< 0,01	g/100 g	IK5672, HPLC-DAD
Sum cannabigerol (CBG + CBGA)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabigerol (CBG)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabigerol carboxylic acid (CBGA)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabinol (CBN)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabichromen (CBC)	< 0,01	g/100 g	IK5672, HPLC-DAD
Tetrahydrocannabivarin (THCV)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabidivarin (CBDV)	< 0,01	g/100 g	IK5672, HPLC-DAD
Cannabidivarin carboxylic acid (CBDVA)	< 0,01	g/100 g	IK5672, HPLC-DAD

"<": value is equal to the limit of quantification

The analysis results do apply exclusively to the specific samples analyzed.
The methods marked with "+" are accredited test methods. The tests marked with "++" were carried out at the accredited partner site. This report may only be reproduced unchanged and as a whole, not in part or modified.

Evaluation:

Detected pesticides

Imidacloprid: 0.018 mg/kg (± 0.009 mg/kg)

Lamda-cyhalothrin: 0.035 mg/kg (± 0.017 mg/kg)

Malathion (sum malathion and malaoxon expressed as malathion): 0.048 mg/kg (± 0.024 mg/kg).

Of which malathion: 0.048 mg/kg (± 0.024 mg/kg)

Pirimiphos-methyl: 0.011 mg/kg (± 0.005 mg/kg)

to report 22005275-02-1

Thiamethoxam: 0.026 mg/kg (± 0.020 mg/kg)

Other pesticides tested: below the limit of quantification.

The following MRLs exist for hemp seeds:
Imidacloprid: 0.01 mg/kg
Lamda-cyhalothrin: 0.2 mg/kg
Malathion (sum malathion and malaoxon expressed as malathion): 0.02 mg/kg
Pirimiphos-methyl: 0.5 mg/kg
Thiamethoxam: 0.02 mg/kg

Considering the measurement uncertainty and the processing from hemp seeds to hemp oil (estimated oil content of hemp seeds 45 %), these limits are respected in the sample.

The density of the hemp oil and the amount of saturated and unsaturated fatty acids are within the scope of hemp seed oil, as is the percentage of the main fatty acids, according to data published by the German Society for Fat Science and the European Industrial Hemp Association.

The heavy metals lead, cadmium, arsenic and mercury were not detected.

The mycotoxins Ochratoxin A, Deoxynivalenole, Aflatoxins (B1, B2, G1, G2), Zearalenone, Fumonisin B1 and B2 were not detected.

No cannabinoids were detected.

Barbara Kulbach
Food Chemist

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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

DATE RECEIVED:1/27/22

PRODUCT: COLD PRESSED HEMP SEED OIL

PACKAGE: IN SEALED GLASS BOTTLE

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	

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Certificate of Analysis

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INDUSTRIAL INNOVATION GROUP LLC
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DATE RECEIVED:1/27/22

PRODUCT: COLD PRESSED HEMP SEED OIL

PACKAGE: IN SEALED GLASS BOTTLE

ANALYTE	RESULT	UNITS	METHOD REFERENCE
TOTAL SATURATED	11	% of fat	
TOTAL MONOUNSATURATED	21	% of fat	
TOTAL POLYUNSATURATED	68	% of fat	
TOTAL TRANS	0	% of fat	
OMEGA FATTY ACIDS			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	
FUMONISIN			LCMS
FUMONISIN B1	<0.1	ppm	
FUMONISIN B2	<0.1	ppm	
FUMONISIN B3	<0.1	ppm	
METALS BY ICP-MS			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
ZEARALENONE	<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

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复达检测集团
FUDA ANALYTICAL TESTING GROUP

Test Report

Sample Name	**Cold pressed hemp seed oil "Leodar"**
Client	**Industrial Innovation Group**
Report Number	**FT-20220217010-En**

Shanghai Fuda Testing Technology Group CO., Ltd.

Second Floor, Fuhua Building Fudan University, No. 525, Guoquan Road, Yangpu District, Shanghai, China.
Service Hotline：021-61996230 E-mail:fudan.edu@fudanfuxin.com

复达检测集团
FUDA ANALYTICAL TESTING GROUP

Report Number：FT-20220217010-En

Sample Name	Cold pressed hemp seed oil "Leodar"		
Sample Quantity	1	Sample Batch	/
Sample Status	intact	Sample Number	FT220217010
Client	Industrial Innovation Group		
Communication Information of Client	Taryam bld.-Industrial Area 18-Maleha Street P.O. Box 123428,Sharjah,United Arab Emirates		
Test Category	Commission Test		
Sample Arrival Date	2022.03.18		
Test Cycle	2022.03.18-2022.04.03		
Standards and Methods	Please refer to next page(s).		
Test Results	This report only provides the measured values. See the summary page of test results in this report for details.		
Remarks	Manufacturer：RS Success Agro		

Drafter：_____ Signer：_____

Reviewer：张志新 Issued Date：2022-04-03

Second Floor, Fuhua Building Fudan University, No. 525, Guoquan Road, Yangpu District, Shanghai, China.
Service Hotline：021-61996230 E-mail:fudan.edu@fudanfuxin.com

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UFAG LABORATORIEN

Industrial Innovation Group L.L.C

Cust. no.: 72856

Taryam bld. - Industrial Area 18 - Maleha Street
AE-Sharjah

Copy to: Industrial Innovation Group L.L.C
Industrial Innovation Group L.L.C
Invoice to: Industrial Innovation Group L.L.C

Analytical Report Report-No: 22-12035

Received: 27.06.22 Completed: 13.09.22

Summary

Pos.	Sample no.	Sample name, Description	Your sample ref.
1	22-12035-001	Hemp Seed Oil, cold pressed	

Sursee, 13.09.2022

Your personal contact:
Dr. Sascha Theobald
Head of Order Management Food & Feed

Digitally signed by UFAG Laboratorien AG
Date: 2022.09.13 15:35:56 GMT+02:00
Reason: Released by Simon Zimmermann
Location: CH-6210 Sursee

This analytical report was automatically generated by a validated laboratory information system (LIMS) and released by traceable electronic signatures.

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Analytical Report

Report-No: 22-12035 Page 2 of 5

Received: 27.06.22 Completed: 13.09.22

Customer: Industrial Innovation Group L.L.C, Cust. no. 72856

AE-Sharjah
Position: 1
Sample no.: 22-12035-001
Sample name: Hemp Seed Oil
Description: cold pressed
Package: 4 Originalflaschen
Weight: 4 x 250 ml

Code - Method, measuring technique Parameter		Result Unit	Specification Ref./Tol.value Max.resid. level	LOQ / LOD (LOQ / LOD)
Nutrients				
LFGNTIT019 - ISO 760, titrimetric (K. Fischer), [**] Water content		0.056 g/100ml		
SLMNGRA014 - SLMB, gravimetric Minerals		ndt g/100ml		0.1
Composition of fatty acids				
SLMNGCH003 - SLMB, GC-FID Caproic acid	C6:0	ndt %		0.02
Caprylic acid	C8:0	ndt %		0.02
Capric acid	C10:0	ndt %		0.02
Lauric acid	C12:0	ndt %		0.02
Myristic acid	C14:0	0.05 %		
Palmitic acid	C16:0	6.37 %		
Palmitoleic acid	C16:1	0.11 %		
Margaric acid	C17	0.05 %		
Stearic acid	C18:0	3.04 %		
Oleic acid	C18:1	16.9 %		
Linoleic acid	C18:2	53.3 %		
alpha-Linolenic acid	C18:3	15.0 %		
gamma-Linolenic acid	C18:3	2.10 %		
Arachidic acid	C20	1.00 %		
Eicosenoic acid	C20:1	0.47 %		
Eicosadienoic acid	C20:2	0.06 %		
Eicosatrienoic acid	C20:3	0.03 %		
Arachidonic acid	C20:4	ndt %		0.02
Eicosapentaenoic acid	C20:5	ndt %		0.02
Behenic acid	C22:0	0.44 %		
Erucic acid	C22:1	ndt %		0.02
Docosadienoic acid	C22:2	ndt %		0.02
Docosatetraenoic acid	C22:4	ndt %		0.02
Docosapentaenoic acid	C22:5	ndt %		0.02
Docosahexaenoic acid	C22:6	ndt %		0.02
Lignoceric acid	C24:0	0.20 %		
Nervonic acid	C24:1	0.02 %		

Abbreviations: nd = not detectable (less than LOD)
ndt = not quantifiable (less than LOQ)
LOD = Limit of detection
LOQ = Limit of determination
CFU = Colony Forms Unit
DM = Dry matter

Report-ID: D-1916669 / 13.09.22 15:35

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Analytical Report

Report-No: 22-12035 Page 3 of 5

Received: 27.06.22 Completed: 13.09.22

Customer:	Industrial Innovation Group L.L.C, Cust. no. 72856
	AE-Sharjah
Position:	1
Sample no.:	22-12035-001
Sample name:	Hemp Seed Oil
Description:	cold pressed
Package:	4 Originalflaschen
Weight:	4 x 250 ml

Code - Method, measuring technique Parameter		Result Unit	Specification Ref./Tol.value Max.resid. level	LOQ / LOD (LOQ / LOD)
Total fatty acids in fat content				
SLMNGCH003 - SLMB, GC-FID				
Saturated fatty acids		11.2 %		
Mono unsaturated fatty acids		17.5 %		
Poly unsaturated fatty acids		71.1 %		
Omega-3 fatty acids		15.7 %		
Omega-6 fatty acids		55.4 %		
Fatty indices				
LFGNCON002 - LFGB, ASU L13.00-38 mod., conductometrisch bei 120°C, [**]				
Oxidative stability		1.75 h		
SLMNTIT008 - SLMB, titrimetric				
Peroxide value	POZ	10.8 meq O2/kg		
SLMNTIT007 - SLMB, titrimetric				
Acid value		1.2 mg KOH/g		
Phytosterols				
LFGNGCH005 - LFGB, GC-FID, [**]				
Cholesterol		< 1 mg/100ml		
Elements				
INTNICP001 - VM1460, ICP-OES				
Calcium	Ca	1 mg/100g		
Iron	Fe	0.3 mg/100g		
Magnesium	Mg	0.4 mg/100g		
Sodium	Na	0.1 mg/100g		
Zinc	Zn	0.1 mg/100g		

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Analytical Report

Report-No: 22-12035 Page 4 of 5

Received: 27.06.22 Completed: 13.09.22

Customer: Industrial Innovation Group L.L.C, Cust. no. 72856

AE-Sharjah
Position: 1
Sample no.: 22-12035-001
Sample name: Hemp Seed Oil
Description: cold pressed
Package: 4 Originalflaschen
Weight: 4 x 250 ml

Code - Method, measuring technique Parameter		Result Unit	Specification Ref./Tol.value	Max.resid. level	LOQ / LOD (LOQ / LOD)
Additives					
INTNBER020 - UFAG, calculated from sodium					
Sodium chloride	NaCl	0.0002 g/100g			
Pesticides					
INTTLCM003 - GC-MS/MS, LC-MS/MS, [**]					
Pesticides in oil/fat		detectable			
Heavy metals					
ISONICP008 - ISO 15763 mod., ICP-MS					
Arsenic	As	ndt mg/kg			0.01
Lead	Pb	0.003 mg/kg		max. 0.100	
Cadmium	Cd	ndt mg/kg			0.002
Mercury	Hg	0.008 mg/kg			
Mycotoxins					
INTNLCM071 - UFAG, LC-MS/MS					
Aflatoxin B1		< 0.5 µg/kg		max. 2.0	
Aflatoxin B2		< 0.5 µg/kg			
Aflatoxin G1		< 0.5 µg/kg			
Aflatoxin G2		< 0.5 µg/kg			
Total aflatoxins (B1+B2+G1+G2)		< 0.5 µg/kg		max. 4.0	
INTNLCM072 - UFAG, LC-MS/MS					
Ochratoxin A		< 1.0 µg/kg			
Divers					
SLMNPHY004 - SLMB, bending vibration PAAR 20 °C					
Density (20 °C)		0.9229 g/ml			

Abbreviations: nd = not detectable (less than LOD)
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LOD = Limit of detection
LOQ = Limit of determination
CFU = Colony Forms Unit
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Analytical Report

Report-No: 22-12035

Received: 27.06.22 Completed: 13.09.22

Customer:	Industrial Innovation Group L.L.C, Cust. no. 72856
	AE-Sharjah
Position:	1
Sample no.:	22-12035-001
Sample name:	Hemp Seed Oil
Description:	cold pressed
Package:	4 Originalflaschen
Weight:	4 x 250 ml

Code - Method, measuring technique

Parameter	Result Unit	Specification	Ref./Tol.value	Max.resid. level	LOQ / LOD (LOQ / LOD)

Comments

Judgement:

The analysed sample meets the requirements of the swiss regulation on maximum levels for contaminants of december 16th, 2016 in the current version.

Pesticides in oil

lambda-Cyhalothrin	0.058 mg/kg
Pirimiphos-methyl	0.013 mg/kg
Difenoconazol	0.034 mg/kg
Imidacloprid	0.035 mg/kg
Malathion	0.040 mg/kg
Thiamethoxam	0.031 mg/kg

For hemp seeds, the following maximum levels apply in accordance with the requirements of the "Verordnung des EDI über die Höchstgehalte für Pestizidrückstände in oder auf Erzeugnissen pflanzlicher und tierischer Herkunft (VPRH)" from 16 December 2016 (in the current version), the following maximum levels:

lambda-Cyhalothrin 0.2 mg/kg
Pirimiphos-methyl 0.5 mg/kg
Difenoconazol 0.05 mg/kg
Imidacloprid 0.05 mg/kg
Malathion 0.02 mg/kg
Thiamethoxam 0.02 mg/kg

These maximum values apply to hemp seed; for hemp oil, processing factors would still have to be taken into account.

Fatty acids:
Stearidonic acid content (C18:4): 0.65%.

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LOQ = Limit of determination
CFU = Colony Forms Unit
DM = Dry matter

Report-ID: D-1916669 / 13.09.22 15:35

United Arab Emirates - Sharjah Government
SHARJAH CITY MUNICIPALITY
CENTRAL LABORATORIES DEPARTMENT
Food Laboratory Section

الإمارات العربية المتحدة - حكومة الشارقة
بلدية مدينة الشارقة
إدارة المختبرات المركزية
قسم مختبر الأغذية

DETAILED ANALYSIS REPORT

Sample No : FD-2022-34559 **General** **Request No :** FD-22-504

SAMPLE INFORMATION

Sample Description	: Hemp Seed Oil Extra Virgin		
Brand Name	: Leodar	**Lic./ Source**	: 180331 - Industrial Innovation Group Limited
Origin	: UZBEKISTAN	**Emirate**	: Jebel Ali Free Zone
Wt. / Vol	: 250 mL	**Inspector**	: N/A
Packaging	: GLASS	**Submit Date**	: 02/03/2022
Condition	: AMP	**Prod. Date**	: N/A
Batch No	: N/A	**Expiry Date**	: N/A

PHYSICAL PROPERTIES

Label	:	Unsatisfactory
Colour	:	Normal
Odour	:	Normal
Taste	:	Not Applicable
Texture	:	Characteristic
Test Result	:	Satisfactory

CHEMICAL ANALYSIS

Analysis Start Date 07/03/2022 **Analysis End Date** 09/03/2022

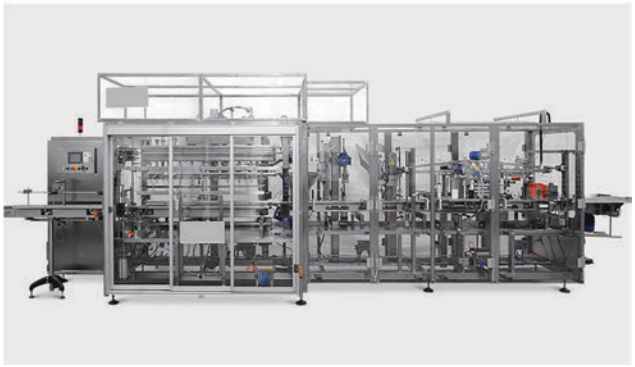
PARAMETER		TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
Peroxide Value	*	SOP C/09	meq/kg	0.1	4.2
Fatty Acid C14:0	*	GC/ SOP:C/ 12	%	0.06	0.08
Fatty Acid C16:0	*	GC/ SOP:C/ 12	%	0.06	7.30
Fatty Acid Cis C16:1	*	GC/ SOP:C/ 12	%	0.06	0.13
Fatty Acid Trans C16:1		GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C17:0		GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C18:0	*	GC/ SOP:C/ 12	%	0.06	2.30
Fatty Acid C18:1 n-9	*	GC/ SOP:C/ 12	%	0.06	18.80
Fatty Acid Trans C18:1		GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C18:1 n-7	*	GC/ SOP:C/ 12	%	0.06	1.20
Fatty Acid C18:2	*	GC/ SOP:C/ 12	%	0.06	52.10
Fatty Acid Trans C18:2		GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C20:0	*	GC/ SOP:C/ 12	%	0.06	1.00
Fatty Acid C18:3	*	GC/ SOP:C/ 12	%	0.06	3.00
Fatty Acid C22:0	*	GC/ SOP:C/ 12	%	0.06	0.50
Fatty Acid C20:1	*	GC/ SOP:C/ 12	%	0.06	0.60
Fatty Acid C22:1	*	GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C24:0		GC/ SOP:C/ 12	%	0.06	<0.06
Free Fatty Acid (FFA)	*	SOP C/01	%	0.03	1.13

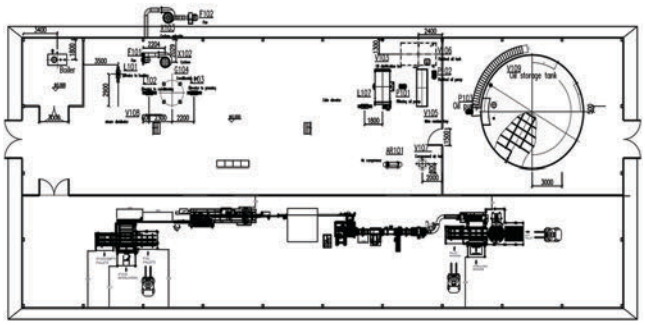
www.shjmun.gov.ae P.O.Box 22 , sharjah , UAE Fax : +97165650612 فاكس Tel: +97165068202 ص.ب:22 الشارقة أ.ع.م

LEODAR®

AUTOMATIC COMPLETE BOTTLING LINE

ALONG WITH PACKAGING LINE





GLASS BOTTLES

FROM 250 ML TO 500 ML

CODING:

LASER PRINTING

PACKAGING LINE SPEED:

UP TO 3000 BOTTLES PER HOUR

LABELLERS:

BOTTLE FRONT + BACK, CAP

BOTTLING LINE SPEED:

1500 BOTTLES PER HOUR

up to 54 000 000 bottles per year

FULL AUTOMATIZATION

FROM BOTTLING TO PACKAGING

in EUR/EPAL pallet

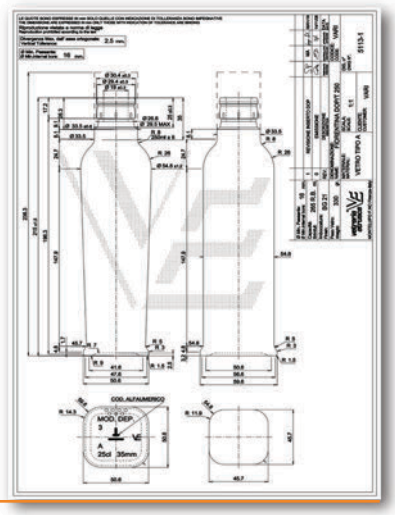
AIR RINSE, FILLER

ONLY 4 OPERATORS

PER SHIFT

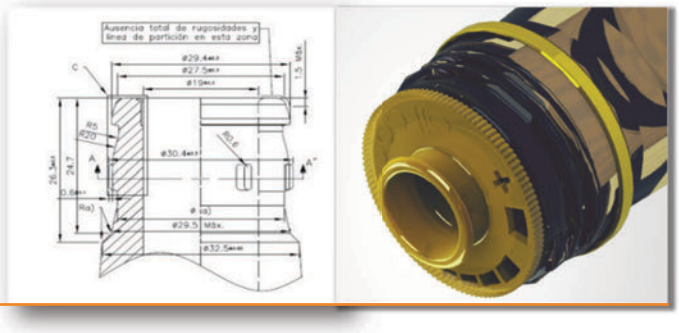
BOTTLE TYPE FIORENTINA

DEVELOPED IN ITALY



CAP TORRENT DOP/T

DEVELOPED IN SPAIN

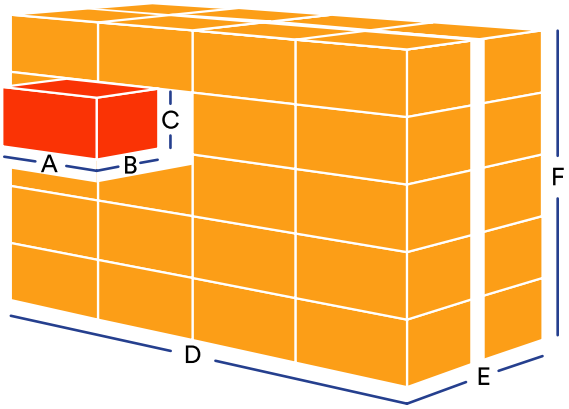


CARTOON BOX FOR 12 BOTTLES

DEVELOPED IN ITALY

PALLETS

1200x1000 mm



LOGISTIC

FIORENTINA DOP T BOTTLE 250 ML**

(glass manufacturer Vetreria Etrusca / Italy – FEVE member). Closure solution CARTOR 47 model (Torrent/Spain). Cardboard boxes 5Ply BC-Flute white printed RSC with partitions.

X12 →

CARTOON BOX for 250 ml
239x180x243 mm

CARTOON BOX for 500 ml
280x210x298 mm

↓

PALLETS
1200x1000 mm

250 ml:
130 boxes on the pallet

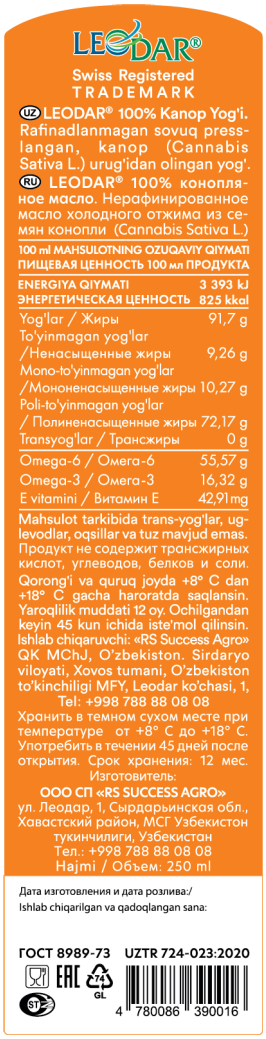
500 ml:
90 boxes on the pallet

REEFER CONTAINER
20 foot
capacity: 10 pallets

REEFER CONTAINER
40 foot
capacity: 20 pallets

↓

LABEL FOR UZBEKISTAN



LEODAR®

Swiss Registered
TRADEMARK

(UZ) **LEODAR® 100% kanop yog'i.** Rafinadlanmagan sovuq press-langan, kanop (Cannabis Sativa L.) urug'idan olingan yog'.

(RU) **LEODAR® 100% конопля-ное масло.** Нерафинированное масло холодного отжима из се-мян конопли (Cannabis Sativa L.)

100 ml MAHSULOTNING OZUQAVIY QIYMATI ПИЩЕВАЯ ЦЕННОСТЬ 100 мл ПРОДУКТА	
ENERGIYA QIYMATI	3 393 kJ
ЭНЕРГЕТИЧЕСКАЯ ЦЕННОСТЬ	825 kkal
Yog'lar / Жиры	91,7 g
To'yinmagan yog'lar /Ненасыщенные жиры	9,26 g
Mono-to'yinmagan yog'lar /Мононенасыщенные жиры	10,27 g
Poli-to'yinmagan yog'lar / Полиненасыщенные жиры	72,17 g
Transyog'lar / Трансжиры	0 g
Omega-6 / Омега-6	55,57 g
Omega-3 / Омега-3	16,32 g
E vitamini / Витамин E	42,91mg

Mahsulot tarkibida trans-yog'lar, ug-levodlar, oqsillar va tuz mavjud emas. Продукт не содержит трансжирных кислот, углеводов, белков и соли.

Qorong'i va quruq joyda +8° C dan +18° C gacha haroratda saqlansin. Yaroqlilik muddati 12 oy. Ochilgandan keyin 45 kun ichida iste'mol qilinsin.

Ishlab chiqaruvchi: «RS Success Agro» QK MChJ, O'zbekiston. Sirdaryo viloyati, Xovos tumani, O'zbekiston to'kinchiligi MFY, Leodar ko'chasi, 1, Tel: +998 788 88 08 08

Хранить в темном сухом месте при температуре от +8° С до +18° С. Употребить в течении 45 дней после открытия. Срок хранения: 12 мес.

Изготовитель:
ООО СП «RS SUCCESS AGRO»
ул. Леодар, 1, Сырдарьинская обл., Хавастский район, МСГ Узбекистон тукинчилиги, Узбекистан
Тел.: +998 788 88 08 08
Hajmi / Объем: 500 ml

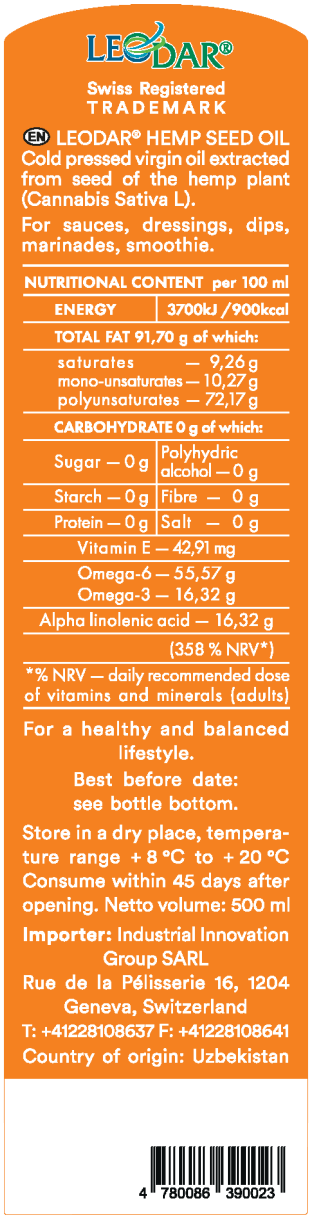
Дата изготовления и дата розлива:/
Ishlab chiqarilgan va qadoqlangan sana:

ГОСТ 8989-73 UZTR 724-023:2020

4 780086 390023

LABEL FOR EUROPEAN UNION


USE DAILY
HEMP SEED
OIL
extra virgin
cold pressed
LEODAR®
UZ21LD11
VEGAN
GLUTEN FREE
NON-GMO
VERIFY AUTHENTICITY
LD00000000
500 ml


LEODAR®
Swiss Registered
TRADEMARK
EN LEODAR® HEMP SEED OIL
Cold pressed virgin oil extracted from seed of the hemp plant (Cannabis Sativa L).
For sauces, dressings, dips, marinades, smoothie.
NUTRITIONAL CONTENT per 100 ml
ENERGY 3700kJ /900kcal
TOTAL FAT 91,70 g of which:
saturates — 9,26 g
mono-unsaturates — 10,27 g
polyunsaturates — 72,17 g
CARBOHYDRATE 0 g of which:
Sugar — 0 g
Polyhydric alcohol — 0 g
Starch — 0 g
Fibre — 0 g
Protein — 0 g
Salt — 0 g
Vitamin E — 42,91 mg
Omega-6 — 55,57 g
Omega-3 — 16,32 g
Alpha linolenic acid — 16,32 g
(358 % NRV*)
*% NRV — daily recommended dose of vitamins and minerals (adults)
For a healthy and balanced lifestyle.
Best before date:
see bottle bottom.
Store in a dry place, temperature range + 8 °C to + 20 °C
Consume within 45 days after opening. Netto volume: 500 ml
Importer: Industrial Innovation Group SARL
Rue de la Pélisserie 16, 1204 Geneva, Switzerland
T: +41228108637 F: +41228108641
Country of origin: Uzbekistan
4 780086 390023

LABEL FOR UNITED ARAB EMIRATES


زيت بذور القنب
HEMP SEED
OIL
بكر طبيعي
مضغوط على البارد
LEODAR®
UZ21LD11
VEGAN
GLUTEN FREE
NON-GMO
VERIFY AUTHENTICITY
LD00000000
500 ml


LEODAR®
Swiss Registered
TRADEMARK
EN 100% cold pressed hemp seed oil of the highest category.
Ingredients: hemp seeds. Without chemicals, preservatives or additives.
AR زيت من خام بذور القنب ..١% من النوع الفاخر. المكونات: بذور القنب. بدون مواد كيميائية أو مواد حافظة أو إضافات.
NUTRITIONAL CONTENT المعلومات الغذائية
Per 100 ml
ENERGY 900 kcal
القيمة الحرارية كج / سعرة حرارية 3 700 kJ
Total Fat, of which: منها إجمالي الدهون: 91,7 g
saturates الدهون المشبعة 9,26 g
mono-unsaturates الدهون أحادية اللتشبع 10,27 g
polyunsaturates الدهون غير المشبعة المتعددة 72,17 g
Trans fat دهن تقاني 0 g
Cholesterol كوليسترول 0 g
Carbohydrate كربوهيدرات 0 g
Sugars السكريات 0 g
Fibre الياف 0 g
Protein بروتين 0 g
Salt ملح 0 g
Vitamin E (358 % DV*) فيتامين 42,91mg
Omega-6 أوميغا-٦ 55,57 g
Omega-3 أوميغا-٣ 16,32 g
* Percent Daily Values are based on a 2,000 calorie diet. / تستند القيم اليومية النسبة المئوية على ...٢ حمية من السعرات الحرارية.
Store in a dark, dry place at a temperature of +8 to +20°C. Shelf life: 12 months.
Manufacturer and production site address:
RS SUCCESS AGRO JV LLC
Leodar 1, Syrdarya region, Khavast district, RSG Pakhtakor, MCG Uzbekiston tukinchiligi, Uzbekistan,
Phone: +998788880808
Manufacturing lot number and production date: coincide and indicated on the package
يحفظ في مكان جاف ومظلم في درجات حرارة من +٨ درجة مئوية إلى +٢٠ درجة مئوية.
فترة الصلاحية: ١٢ شهراً
موقع الشركة المصنعة: أر إس ساكسيس آرغو جي في ذ.م.م. أر إس جي باشتاكور، شارع ليودار ا، إم إس جي أوزباكستان توكينشيليغي، حي هافاست، منطقة سيرداريا، جمهورية أوزبكستان. الهاتف: +998788880808
انظر رقم الدفعة وتاريخ الإنتاج على العبوة.
Weight netto:
الوزن الصافي:
500 ml
4 780086 390023

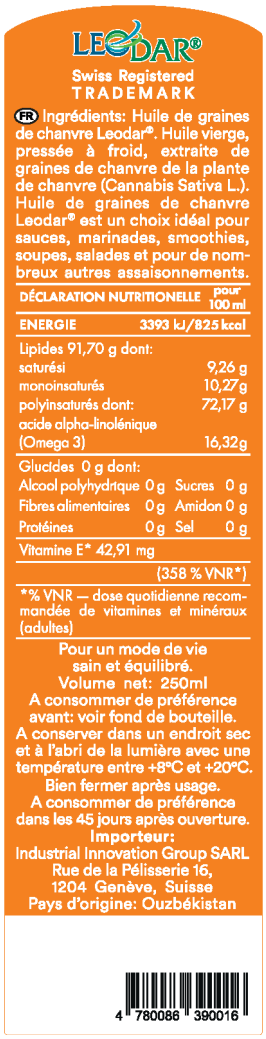
LABEL FOR CHINA


火麻籽油
HEMP SEED
OIL
初榨特级
冷压
LEODAR®
UZ21LD11
素食
认证
天然
验证真实
LD00000000
500 毫升

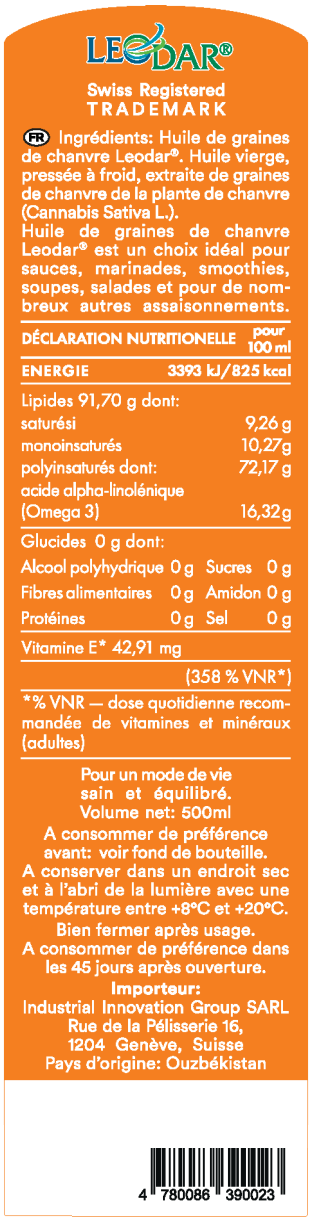

LEODAR®
Swiss Registered
TRADEMARK
中文 火麻籽油。
配 料：火麻籽油。
原料原产国：乌兹别克斯坦。
加工工艺：低温压榨。
保 质 期：12个月。
贮存条件：存放在干燥的地方，温度范围 8° C 至 20° C。
开封后 45天内食完。
食用方法：适用于酱汁，酱沙拉，蘸酱，腌泡，卤汁，冰沙。
进口商： 河南赫姆帕拉玛利奥达贸易股份有限公司。
地址：108房间，77大楼，连音社区，银杏路，义马市，河南省，中国。
电话： 15838966655
网址：www.leodar.com
生产商：«RS SUCCESS AGRO» 有限公司
生产企业注册编号：
营 养 成 分 表
项 目 每100毫升 NRV%
能 量 3393 千焦 40 %
蛋白质 0 克 0 %
脂 肪 92.0 克 153 %
- 饱和脂肪酸 9.3 克 47 %
- 单不饱和脂肪酸 10.0 克 —
- 多不饱和脂肪酸 72.0 克 —
碳水化合物 0 克 0 %
钠 0 克 0 %
维生素E 42.90 毫克 306 %
α-生育酚当量
净含量：500 毫升
生产日期：
4 780086 390023

LABEL FOR SWITZERLAND

FRENCH




HUILE DE GRAINES DE CHANVRE
HEMP SEED
OIL
extra vierge
pressée à froid
LEODAR®
UZ21LD11
VEGAN
CERTIFIÉE
NATURELLE
VÉRIFIER L'AUTHENTICITÉ
LD00000000
500 ml


LEODAR®
Swiss Registered
TRADEMARK
FR Ingrédients: Huile de graines de chanvre Leodar®. Huile vierge, pressée à froid, extraite de graines de chanvre de la plante de chanvre (Cannabis Sativa L.).
Huile de graines de chanvre Leodar® est un choix idéal pour sauces, marinades, smoothies, soupes, salades et pour de nombreux autres assaisonnements.
DÉCLARATION NUTRITIONELLE pour 100 ml
ENERGIE 3393 kJ/825 kcal
Lipides 91,70 g dont:
saturési 9,26 g
monoinsaturés 10,27g
polyinsaturés dont: 72,17 g
acide alpha-linolénique (Omega 3) 16,32g
Glucides 0 g dont:
Alcool polyhydrique 0 g Sucres 0 g
Fibres alimentaires 0 g Amidon 0 g
Protéines 0 g Sel 0 g
Vitamine E* 42,91 mg
(358 % VNR*)
*% VNR — dose quotidienne recommandée de vitamines et minéraux (adultes)
Pour un mode de vie sain et équilibré.
Volume net: 500ml
A consommer de préférence avant: voir fond de bouteille.
A conserver dans un endroit sec et à l'abri de la lumière avec une température entre +8°C et +20°C.
Bien fermer après usage.
A consommer de préférence dans les 45 jours après ouverture.
Importeur:
Industrial Innovation Group SARL
Rue de la Pélisserie 16,
1204 Genève, Suisse
Pays d'origine: Ouzbékistan
4 780086 390023

LABEL FOR SWITZERLAND

GERMAN

LEODAR®

Swiss Registered TRADEMARK

DE Zutaten: Leodar® Hanfsamenöl. Kaltgepresstes, natives Öl aus Samen der Hanfpflanze (Cannabis Sativa L.). Leodar® Hanfsamenöl ist eine ideale Wahl für Soßen, Marinaden, Smoothies, Suppen, Salate und viele andere Würzmischungen.

NÄHRWERTDEKLARATION	pro 100 ml
ENERGIE	3393 kJ/825 kcal
Fett 91,70 g davon:	
gesättigte Fettsäuren	9,26 g
einfach ungesättigte Fettsäuren	10,27 g
mehrfach ungesättigte Fettsäuren davon:	72,17 g
Alpha-Linolensäure (Omega 3)	16,32 g
Kohlenhydrate 0 g	davon:
Mehrwertige Alkohole 0 g	Zucker 0 g
Ballaststoffe 0 g	Stärke 0 g
Eiweiss 0 g	Salz 0 g
Vitamin E* 42,91 mg	
	(358 % NRV*)

*% Nährstoffbezugswerte der täglich empfohlenen Menge für Vitamine und Mineralien (Erwachsene)

Für einen gesunden und ausgeglichenen Lifestyle.

Nettovolumen: 500ml
Zu verbrauchen bis:
Siehe Flaschenunterseite.
Trocken, vor Licht geschützt und bei einer Temperatur zwischen +8°C und +20°C lagern.
Nach Gebrauch gut schliessen.
Nach dem Öffnen innert 45 Tagen konsumieren.

Importeur:
Industrial Innovation Group SARL
Rue de la Pélisserie 16, 1204 Genf
Schweiz
Herkunftsland: Usbekistan

4 780086 390023

LABEL FOR GERMANY

LEODAR®
Swiss Registered
TRADEMARK

DE Zutaten: Leodar® Hanfsamenöl. Kaltgepresstes, natives Öl aus Samen der Hanfpflanze (Cannabis Sativa L.). Leodar® Hanfsamenöl ist eine ideale Wahl für Soßen, Marinaden, Smoothies, Suppen, Salate und viele andere Würzmischungen.

NÄHRWERTE	pro 100 ml
BRENNWERT	3393 kJ / 825 kcal
Fett	92 g
davon:	
– gesättigte Fettsäuren	9,3 g
– einfach ungesättigte Fettsäuren	10 g
– mehrfach ungesättigte Fettsäuren	72 g
Kohlenhydrate	0 g
davon:	
– Zucker	0 g
Eiweiß	0 g
Salz	0 g
Vitamin E* 43 mg	(358 % NRV*)

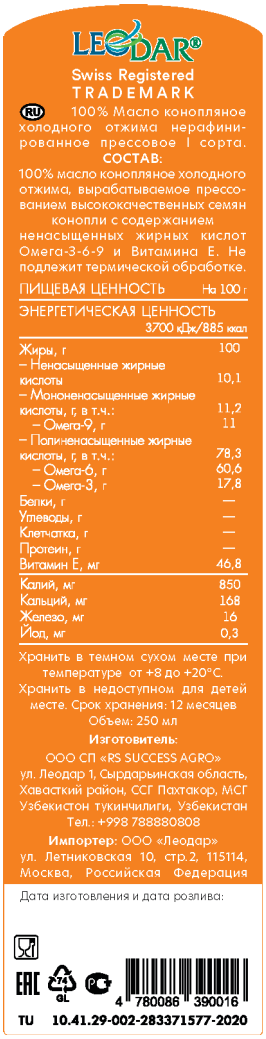
*% Nährstoffbezugswerte der täglich empfohlenen Menge für Vitamine und Mineralien (Erwachsene)

Nettovolumen: 500 ml.
Mindestens haltbar bis: Siehe Flaschenunterseite.
Trocken, vor Licht geschützt und bei einer Temperatur zwischen +8°C und +20°C lagern.
Nach Gebrauch gut schliessen.
Nach dem Öffnen innerhalb von 45 Tagen konsumieren.

IMPORTEUR:
Geschäftszentrum «Europa»
19 Stock, Na Troskách 26,
97401, Banská Bystrica,
Slowakische Republik
Herkunftsland: Usbekistan

4 780086 390023

LABEL FOR RUSSIAN FEDERATION



LEODAR®

Swiss Registered
TRADEMARK

RU 100% Масло конопляное холодного отжима нерафинированное прессовое I сорта.

СОСТАВ: 100% масло конопляное холодного отжима, вырабатываемое прессованием высококачественных семян конопли с содержанием ненасыщенных жирных кислот Омега-3-6-9 и Витамина Е.

Не подлежит термической обработке.

ПИЩЕВАЯ ЦЕННОСТЬ	На 100 г
ЭНЕРГЕТИЧЕСКАЯ ЦЕННОСТЬ	3700 кДж/885 ккал
Жиры, г	100
– Ненасыщенные жирные кислоты	10,1
– Мононенасыщенные жирные кислоты, г, в т.ч.:	11,2
– Омега-9, г	11
– Полиненасыщенные жирные кислоты, г, в т.ч.:	78,3
– Омега-6, г	60,6
– Омега-3, г	17,8
Белки, г	—
Углеводы, г	—
Клетчатка, г	—
Протеин, г	—
Витамин Е, мг	46,8
Калий, мг	850
Кальций, мг	168
Железо, мг	16
Йод, мг	0,3

Хранить в темном сухом месте при температуре от +8 до +20°С.
Хранить в недоступном для детей месте. Срок хранения: 12 месяцев
Объем: 500 мл

Изготовитель:
ООО СП «RS SUCCESS AGRO»
ул. Леодар 1, Сырдарьинская область, Хаваткий район, ССГ Пахтакор, МСГ Узбекистон тукинчилиги, Узбекистан
Тел.: +998 788880808

Импортер: ООО «Леодар»
ул. Летниковская 10, стр.2, 115114, Москва, Российская Федерация

Дата изготовления и дата розлива:

4 780086 390023

TU 10.41.29-002-283371577-2020

HOLOGRAPHIC ELEMENTS

The shape and size of the element:
CIRCLE DIAMETER 22 MM

Hologram Recording Technology:
ELECTRON BEAM
LITHOGRAPHY

Hologram recording resolution:
0,2 MICRON

Holographic image resolution:
5 MICRON

Color of metallized foil:
GOLD

M 1:1

THREE-COLOR LOGO
with independent kinetic effects in individual elements

RAINBOW KINETIC PULSE EFFECT
in background texture elements

HIGH-FREQUENCY DIFFRACTION CIRCUIT
15 microns thick, bringing together elements of the logo

M 2:1

MICROTEXT «LEODAR»
100 micron high, can be recognized using 5x magnification

LEODAR 250 ML

The shape and size of the element:
RECTANGLE 34X21,5 MM

Hologram Recording Technology:
ELECTRON BEAM LITHOGRAPHY

Hologram recording resolution:
0,2 MICRON

Holographic image resolution:
5 MICRON

Color of foil:
GOLD

Foil type:
HIGH RESOLUTION
DEMETALLIZATION TO REGISTER

M 1:1

THREE-COLOR LOGO
with independent kinetic effects in individual elements

LOGOHIGH-FREQUENCY DIFFRACTION CIRCUIT
15 microns thick, bringing together elements of the logo

RAINBOW KINETIC PULSE EFFECT
in background texture elements

SMART NUMBERING.
A unique number is used for each hologram. The number is applied using the patented I-MET numbering technology, which makes it possible to make the number an integral part of the hologram.

MICROTEXT «LEODAR»
100 micron high, can be recognized using 5x magnification

LEODAR 500 ML

The shape and size of the element:
RECTANGLE 40X25 MM

Hologram Recording Technology:
ELECTRON BEAM LITHOGRAPHY

Hologram recording resolution:
0,2 MICRON

Holographic image resolution:
5 MICRON

Color of foil:
GOLD

Foil type:
HIGH RESOLUTION
DEMETALLIZATION TO REGISTER

M 1:1

LEODAR®

THE KING OF THE WORLD AMONG OILS

Hemp oil Leodar is the king of the world among oils. It has an exquisite, refined, fantastic taste combined with a luxurious, delicious, and seductive aroma. Roman commanders, ancient Eastern emperors, and sages bowed before its healing energy.

A gentle prelude of aroma and a harmonious symphony of the unique taste of Leodar hemp oil is a savory-vanilla temptation for true enjoyment in every drop. It is saturated with a noble and unusual fragrance, and its color resembles precious stones.

Leodar hemp oil is a revolution in nutrition, erasing previously acquired knowledge about proper nutrition. It is the victory of the new sound over stereotypes. After all, this oil personifies purity and pristine nature.

Emerald hemp oil with a delicate caramel flavor will make any, even the most straightforward dish, excellent. This perfect cocktail of nutrients, vitamins, trace elements, and amino acids will become a delicious ingredient in salads, cereals, pastries, soups, and other dishes that even the most sophisticated gourmet will not resist.

Immerse yourself in a wave of sensuality along with the delicious taste of Leodar oil, where the unique oriental accord, inspired by the scorching Uzbek sun, smoothly turns into a delicate bouquet of beneficial substances. And the whole gamut of rich taste is replaced by a refined plume of noble aftertaste notes.

The legendary taste captivates with an aristocratic nutty tone, tinted with delicate notes of almond and cedar undertones, turning a charming, light-filled bouquet of flavor into a magical elixir, after tasting which you will be subdued forever.

The daily use of Leodar oil is a story of sweeping victories and the powerful charm of success. Hemp oil embodies all the brightness of life and creates an attraction that is impossible to resist - like a refreshing exotic cocktail on a sunny day.

Hemp oil is perfect for those who love life and are ready to add bright colors to it, who wants a charge of vivacity and is prepared to conquer new heights.

Add hemp oil to your daily diet, and your body will thank you for good health. It is not for nothing that hemp oil is described in ancient treatises as a recipe for longevity!

LEODAR® IS AN ABSOLUTE EMBODIMENT OF YOUTH AND THE JOY OF LIFE!

LEODAR®

Benefits

The benefits of hemp oil have been known to man since ancient times. The thousand-year history of edible oil consumption is backed up by thousands of scientific publications, laboratory studies, and comparative analyses.

Hemp oil has the best composition of all plant analogues:
80-90% consists of a perfect balance of omega-3, omega-6 and extremely rare omega-9.

PROTECTS THE LUNGS FROM FREE RADICALS

REDUCES STRESS AND IMPROVES MOOD

IMPROVES THE FUNCTIONING OF THE CARDIOVASCULAR SYSTEM

INCREASES BRAIN ACTIVITY, IMPROVES THE FUNCTIONAL STATE OF THE CENTRAL NERVOUS SYSTEM

IMPROVES LIVER FUNCTION

IMPROVES THE DIGESTIVE SYSTEM

ORGANIZES RNA AND DNA SYNTHESIS

STRENGTHENS MALE AND FEMALE SEXUAL HEALTH

MAINTAINS BLOOD PRESSURE

BENEFICIAL FOR PREGNANT WOMEN

IMPROVES BLOOD CLOTTING

IMPROVES LACTATION

STRENGTH-ENS TEETH

IMPROVES VISION

IS A NERVE MUSCLE RELAXANT

NORMALIZES WATER BALANCE

HAS AN ANTISEPTIC AND WOUND HEALING EFFECT

NORMALIZES METABOLISM

STIMULATES HAIR GROWTH AND TREATS SKIN DISEASES

PROMOTES THE PRODUCTION OF HORMONES

REDUCES THE RISK OF OSTEOPOROSIS, STRENGTHENS BONES

IMPROVES IMMUNITY

ENHANCES THE FUNCTION OF THE GONADS, PRESERVES REPRODUCTIVE FUNCTION

PROMOTES GROWTH BODY AND PREVENTS PREMATURE AGING

LEODAR®

THE EMERALD ELIXIR OF AVICENNA'S HOME

Located on the banks of one of the longest rivers in Central Asia — the Syr Darya, the region of the same name has massive potential for developing breakthrough intelligent technologies in agriculture. The world technological leader Industrial Innovation Group grows a unique miracle plant in the Syrdarya region — technical hemp, which is rightfully considered the number one plant in the world. Today, from this legendary plant, the elixir of life is produced — hemp oil of the Leodar® trademark, each drop containing the age-old power of the most incredible people who realized themselves on the banks of the mighty Syr Darya in Central Asia.

In world science, the 10th —11th centuries are considered the Central Asian period. At that time, on the territory of Uzbekistan, between the Syr Darya and Amu Darya rivers, a whole galaxy of brilliant scientists and thinkers grew up and lived, forever changing the course of history. One of those who marked the highest stage in the development of science in the medieval East is Abu Ali Husayn ibn Abdallah ibn Sina, known in Europe under the name of Avicenna (980 —1037).

Even after millennia, his works will be studied with reverence. Leonardo da Vinci and Andrei Vesalius have quoted him. It was mentioned in his brilliant Divine Comedy by the Italian poet Dante Alighieri and written in the stunning Valencian Madmen by the Spanish playwright Lope de Vega. In his honor, the Swedish naturalist Carl Linnaeus named a genus of plants, and almost two millennia later, a small planet was named after him.

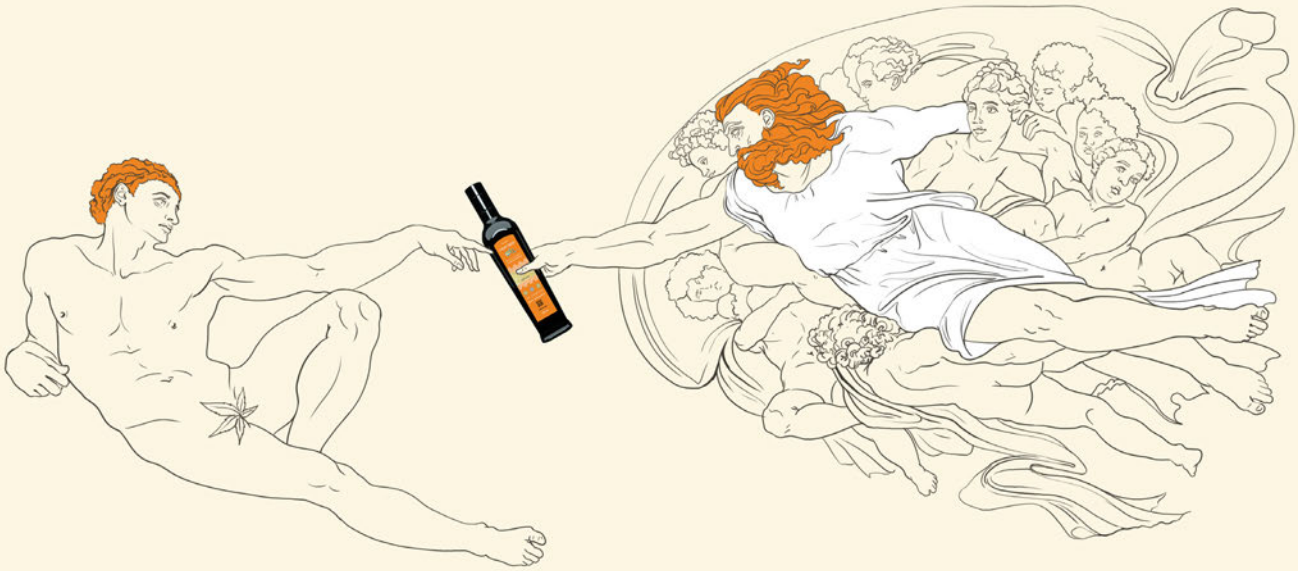
Ibn Sina is one of the most outstanding scientists of Central Asia, who enriched world science with achievements of paramount importance. The most excellent physician, comparable to Galen and Hippocrates. Naturalist, comparable to Galileo. Mathematician, physicist, chemist, and music theorist who relied on the Renaissance. He was a man of absolute worldwide fame. Historians call it the «intellectual marvel of mankind».

Ibn Sina began to show his genius at a young age — at 10, he knew the Koran by heart, and at 20, he started to heal people. His unusual for that time method of treatment made it possible to put the seriously ill on their feet, for which he began to be called the «prince of doctors». He is rightly considered one of the most outstanding medical scientists in the history of humankind. According to a common version, the term «medicine» comes from the Latinized «madad Sina» (in translation — healing from Sin) or the abbreviated «Sin's method».

Ibn Sina became famous mainly due to his works on medicine and philosophy. For 57 years of his life, he wrote more than 450 works in 29 fields of science. However, the eternal glory of Avicenna and an ode to his brilliant mind would be guaranteed, even if only one of his fundamental creations, the Canon of Medicine, survived. Until the 17th century, this exquisite work was the leading medical guide both in the East and West. It is significant that after the invention of the printing press in Europe, the Canon was printed immediately after the Bible.

The unique region, which gave humankind the greatest scientist Avicenna more than a thousand years ago, today provides the world with the elite hemp oil Leodar®. Having absorbed the energy of life, retaining a unique vitamin cocktail for the health of the whole organism, and preserving the all-consuming inquisitiveness of the mind, this is a true elixir that would undoubtedly have been highly appreciated by the unsurpassed master of studying the soul and body — Avicenna.

Avicenna forever gained immortality, and his native land gained the glory of a place of absolute power. Today, this force has a name — Leodar® brand hemp oil.



«FROM THE FIELDS TO YOUR DOORS»

LEODAR®

CULTIVATING ART

Best seed grains are selected to create Leodar hemp oil. Hemp grows and ripens in most favorable, environmentally pristine climatic conditions. The plants are watered using an innovative underground drip irrigation system. The fertilizers used are organic, domestic production.

DELICATE HARVESTING

The modern machines carefully and delicately harvest the crop, making sure that not a single seed is damaged. The crop is harvested by cutting off the plants' tops, followed by the cleaning and sorting of the valuable seeds.

GENTLE COLD PRESSING

The cold pressing method is employed to extract Leodar oil from selected seeds safely and effectively, with the use of hydraulic presses. The cold pressing method is considered the most natural way to produce organic oil, because it allows to preserve all the healthy qualities and properties of the product without thermal and chemical treatment.

SAFETY AND QUALITY GROW TOGETHER WITH OUR SEEDS

Every day, the company's modern laboratory, international standards and requirements scrupulously analyzes and tests the seeds and oil for phytochemical and sensory properties and reactions.

BOTTLED AND PACKAGED WITH LOVE

To deliver Leodar oil to consumers in its virgin and pure form, a fully automated bottling line is used that sterilizes, corks, packs and labels the goods, ensuring that Leodar oil is maximum quality and zero harm.

PERFECT PROTECTION AGAINST COUNTERFEITING

Leodar hemp oil is protected against counterfeiting at a high-tech level. The system builds on the technology that marks each bottle with an electronic label with a protective IMET hologram and the Track&Trace system. The unique technology helps protect Leodar oil from counterfeiting and guarantees product originality. By reading the QR code, the you can see all the information from the start of production to oil creation.

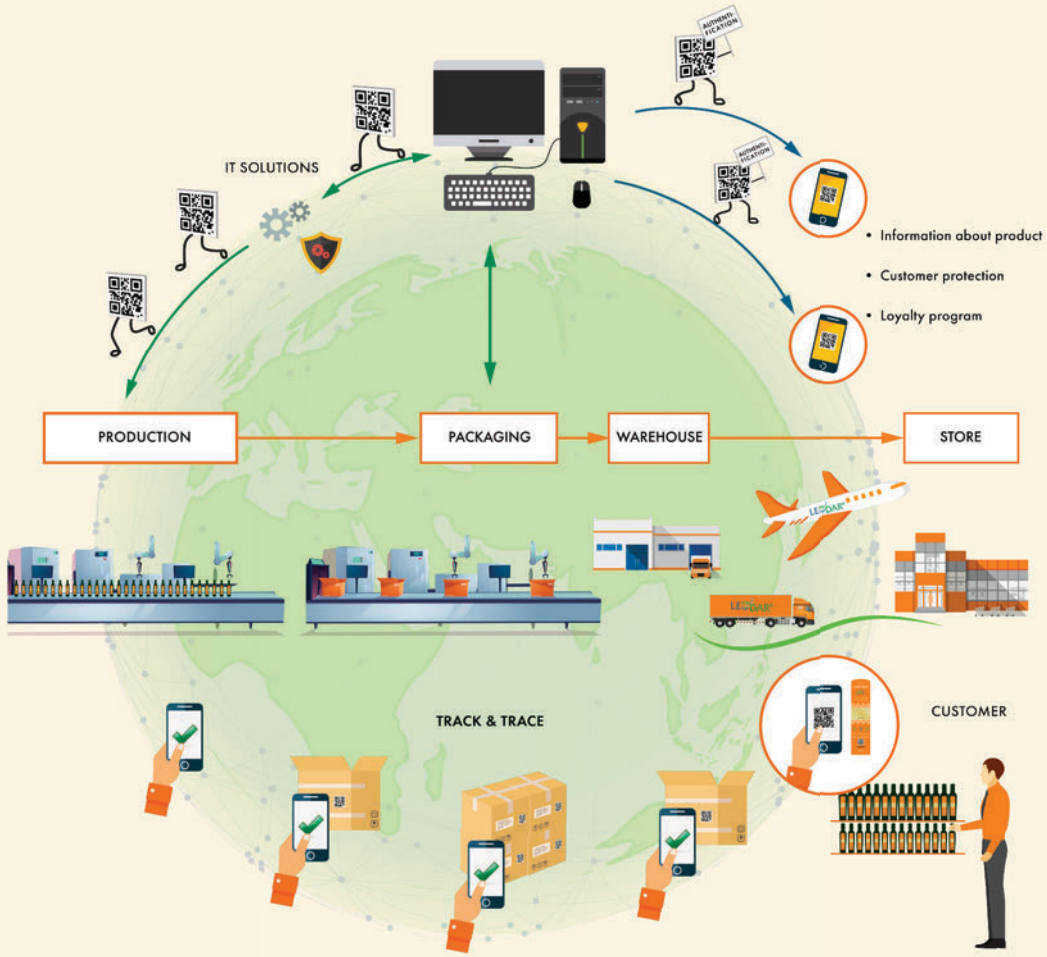
LEODAR®
Swiss Registered
TRADEMARK

QUALITY CONTROL

Leodar has implemented a unique multi-tier solution to prevent attempts to produce and distribute counterfeiting, with identification labeled products and tracking the full life cycle of a Leodar oil bottle from seed to individual customer.

Any attempt to tamper with or correct the personalized data will result in irreversible damage to the hologram and cannot go unnoticed. The new technology makes it possible to reliably protect Leodar oil from counterfeiting and guarantees product originality.

THE LABEL OF LEODAR OIL IS UNPARALLELED IN THE WORLD,
since its level of protection is comparable to an excise stamp or banknote.



The exclusive IMET hologram contains a unique analytical number comprised of alphanumeric characters. They display the product's country of origin, the crop year, the trademark code, the number of harvests in the year, and the country of bottling. The key feature of the new technology is that the recorded data do not cover the image, nor blur the hologram, but rather become their integral part. The additional, variable information is directly incorporated into the hologram and embodied as its design element.

GROWING IN YOUR HOME LEGALLY AND CLEANLY

the transcontinental corporation
INDUSTRIAL INNOVATION GROUP
presents a project of the RS Success Agro company — the world's first and only global biotechnological industrial agricomplex drawing on advanced technologies for the cultivation and processing of industrial hemp.

RS Success Agro employs state-of-the-art equipment and world-wide production methods, which made it possible to organize and keep track the process whereby a hemp seed turns into oil.

MINISTRY OF AGRICULTURE
REPUBLIC OF UZBEKISTAN

This license is issued for hemp cultivation and its use for industrial purposes not related in any way to the narcotic drugs and psychotropic substances production (containing less than 0.2% of tetrahydrocannabinol)

LICENSE

AA № 000001

In full accordance with the official decision No. 01 / 027-10 of February 15, 2021 by the Expert Commission with the Ministry of Agriculture Republic of Uzbekistan to:

JV "RS SUCCESS AGRO LTD"

Registered as per official address as follows: Syrdarya region, Khavast district, RSG Pakhtakor, MCG - Uzbekiston tukinchiligi, Leodar street, building 1

For the following activities to be implemented withing the territory of the Republic of Uzbekistan as follows: hemp cultivation, import (export), processing, storage, sale of hemp fibers and seeds and transportation on the territory of the Republic of Uzbekistan

License is valid: until 15.02.2026

Registered by serial number: 001

Approved by J.A. Khodjayev

«RS Success Agro» has become the first company in the Republic to be licensed to grow, process, store, transport, and sell industrial hemp in the country.

THE LAB:

the Garden of Future Bloom

Thanks to in-depth laboratory analysis, Leodar hemp oil undergoes a full testing and quality control cycle based on three indicators:

Safety indicator:

pesticides, mycotoxins, dioxins, benzopyrene, toxic elements (lead, cadmium, mercury, arsenic)

Fatty acid composition:

terpenes

Physico-chemical composition:

acidity index, moisture and volatile substances, non-fatty impurities, phosphorus-containing substances, total ash, iodine index

«RS SUCCESS AGRO's»

LABORATORY COMPLEX

COMPRISES 4 LABORATORIES

for a wide range of areas of research:

AGRITECHNOLOGY LAB

SEED PRODUCTION LAB

SELECTION LAB

QUALITY DIAGNOSTIC LAB
FOR MANUFACTURED PRODUCTS

Such a laborious and meticulous process has been made possible thanks to the state-of-the-art high-tech equipment that meets the international standards for the production of cellulose products:

- gas and liquid chromatographs,
- inductively-coupled-plasma liquid mass spectrometers
- atomic absorption spectrometers,
- microwave decomposition system for accelerated sample preparation

Unlike drip tape, subsoil drip irrigation directs each drop directly to the plant root, which allows the roots to develop naturally and grow straight downward, having a positive effect on the future harvest.

54

The subsoil drip irrigation system is kept in operation by artesian wells, which pump water not from surface water sources, but rather from the underground water level, preserving the natural water cycle.

EACH DROP PRODUCED
REACHING ITS GOAL

THE RS SUCCESS AGRO COMPANY

DEPLOYED A SUBSOIL DRIP IRRIGATION SYSTEM ON

4,415 HECTARES OF LAND IN RECORD TIME.

THE EXTENSIVE USE

OF THE IOT TECHNOLOGY HAS MADE IT POSSIBLE TO:

Keep records of and control the fields

See the crop dynamics

Identify trouble spots and areas

Calculate and project diagrams

Monitor the machinery and its schedule by type of work

Monitor the compliance with all rules and set goals

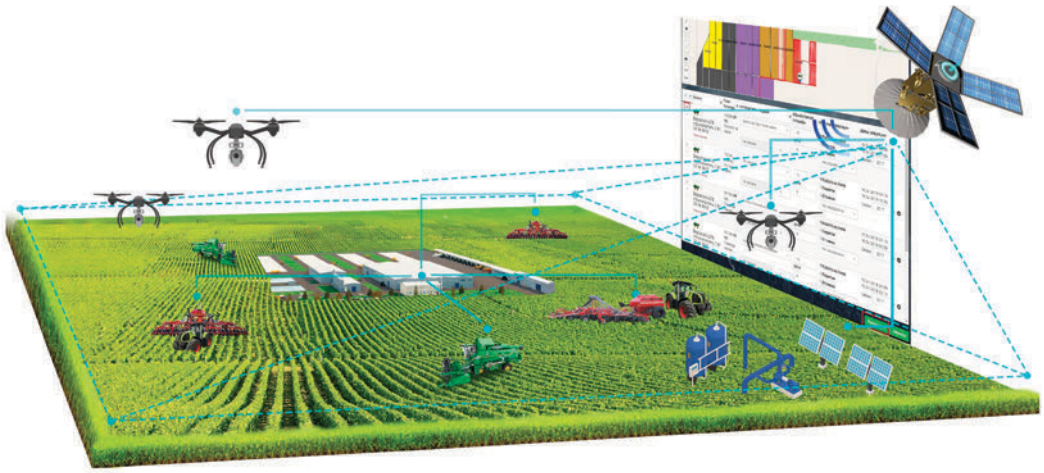
Monitor crop unloading and transportation

Set parameters as necessary

HUMAN EYE SHRINKS

THE WORLD, AND IOT EXPANDS IT

The RS Success Agro company aims at creating an environmentally friendly world using all kinds of cutting-edge technology. Thus, when exploring modern agricultural methods, the choice was made in favor of IT, namely the IoT technology, providing full control over the sowing, cultivation, and harvesting of industrial hemp.



THE FIELD NOW IS NOT JUST A GREEN SPOT ON THE MAP, BUT A LIFE-FORM THAT CAN BE OBSERVED THROUGH THE IT MICROSCOPE.

FOR MORE INFORMATION FOLLOW US ON TELEGRAM

ABOUT INDUSTRIAL HEMP

is an annual plant that contains no psychotropic substances. It belongs to the hemp species Cannabis Sativa L., the only one allowed to be sown and sold in most countries

Hemp contains about **420** different chemical compounds. Until 50's industrial hemp growing was one of the major branches of agriculture in many countries. But, due to unconfirmed allegations of tetrahydrocannabinol (THC) content, the cultivation and sale of industrial hemp phased out.

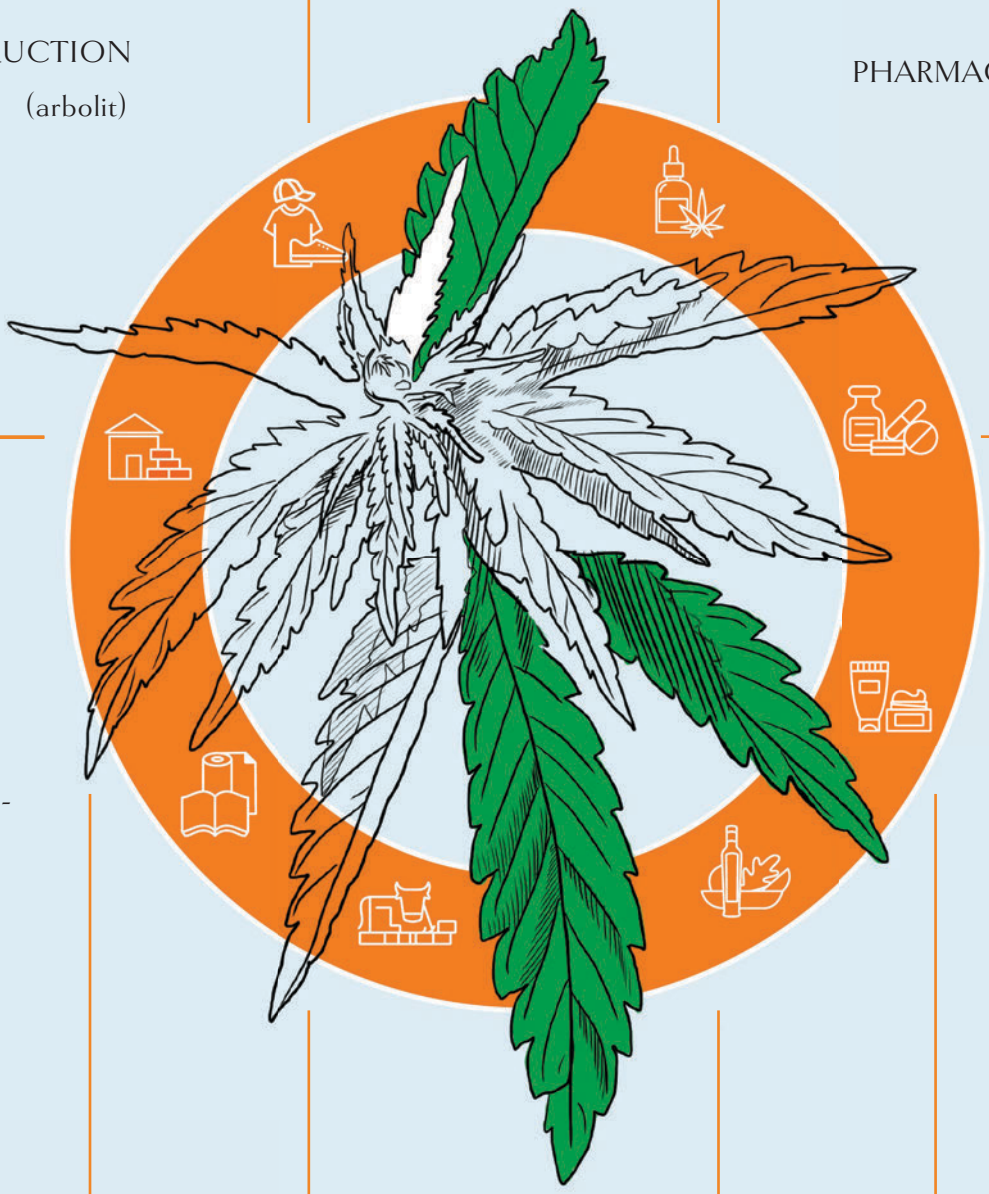
Nowadays, due to the latest hemp studies, industrial hemp has not only been fully rehabilitated, but also earned scientists', doctors', farmers' and ordinary people's respect as a natural and healthy product.

TEXTILE MANUFACTURING (clothes, fiber, fabric)

AROMATIC OILS

CONSTRUCTION (arbolit)

PHARMACEUTICALS



BIOCOM-POSITES (biofuels, bioplastic)

PAPER MANUFACTURING

COSMETICS

FOOD FOR ANIMALS

FOOD (hemp oil, seeds)

DIFFERENCES BETWEEN INDUSTRIAL HEMP AND MARIJUANA

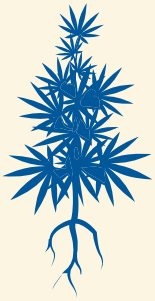
«Hemp» traditionally refers to plants
of the species Cannabis Sativa L., grown for fibers
and then used to make hemp oil, paper, fabric,
construction materials, etc.

«Marijuana» is a slang expression
describing a particular species of cannabis
with psychoactive properties.
This species is cultivated for medical uses only.

HEMP,
INDUSTRIAL HEMP

(Tall, woody)

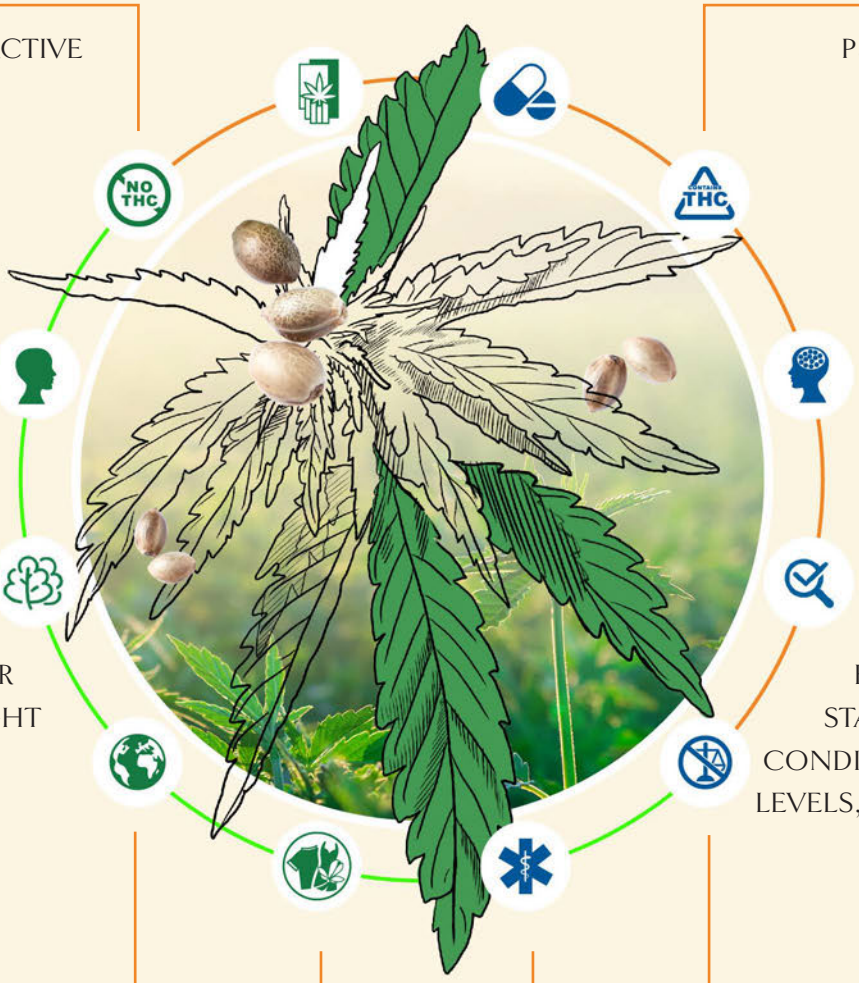
MEDICAL CANNABIS,
RECREATIONAL
CANNABIS MARIJUANA



(Short, bushy)

NON-PSYCHOACTIVE

PSYCHOACTIVE
CONTAINS
INTOXICATED
PROPERTIES



LESS THAN
0.3% THC

UP TO 30%
THC

NO
INTOXICATION
PROPERTIES

EUPHORIC
EFFECTS

GROWN
OUTDOORS FOR
MAXIMUM HEIGHT
AND YIELD

CONTROLLED
ENVIRONMENT,
STABLE LIGHTING
CONDITIONS,OXIGEN
LEVELS, TEMPERATURE,
CO_2

LEGALLY GROWN IN
OVER 30 COUNTRIES
AROUND THE WORLD

A CONTROLLED
SUBSTANCE
ILLEGAL IN MOST
COUNTRIES

IS USED IN MANY FIELDS WITH
MORE THAN 50 000 PRODUCT
NAMES (food, skin care, cosmetics,
fiber, paper, clothes, construction)

RECREATIONAL
AND MEDICAL
PURPOSES

LEDAR®

HEMP FOR AGES

10 000 B.C.E.

Archaeologists have found evidence of the use of cannabis in the Jomon period (circa 13 000–300 B.C.E), contemporary Japan, where the plant was mainly used for fibers, and the seeds for food

4000 B.C.E.

Cannabis was considered one of the «five grains» along with rice, millet, barley, and soy in Pan-p'o village (China), and was grown as a staple food crop

2700 B.C.E.

Cannabis is registered as a medicinal herb in the world's oldest pharmacopoeia

2000 — 1000 B.C.E.

Cannabis starts appearing in sacred tests of various cultures

100 B.C.E. — 950 C.E.

China produces first ever hemp paper and is impressed by its strength and quality

1533 — 1870

During these three hundred years, industrial hemp and its fibers were in high demand for industrial uses throughout the world

1700 — 1800

Russia produced the highest-quality hemp and ropes (made of hemp fibers), and hemp became the country's top agricultural export

1920

The world's largest collection of 700 varieties of cultivated wild hemp in USSR

1943

Industrial hemp becomes an important crop during World War II, and the US encourages farmers to grow it

1960s

Due to oil lobby's actions, industrial hemp was banned

1980s

The Institute of Bast Crops of the Ukrainian Academy of Agrarian Sciences developed the world's first low-THC hemp varieties to be grown for industrial uses

DECEMBER 2, 2020

The UN Commission removed cannabis from the list of most dangerous drugs

PRESENT

Hemp is used globally in industry, cosmetics, healthcare, and agri-food sector

LEODAR®

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Trade Department

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www.leodar.com

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