

HEMP AND MARIJUANA COMPARED, 0.3% THC IS ONLY ONE small DIFFERENCE







Agricultural Commodity vs.
Controlled Substance

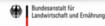
"For the support you can only use the Cannabis types....listed in the common seed catalog and published according to article 17 of the guideline"

"Cannabis seed types which are not allowed in Germany 2017"

-Hot Crops

Attachmer

Stand: 35. complete issue



INDUSTRIAL HEMP SEED TYPES WHO CAN BE SUPPPORTED*

*For the support you can only use the Cannabis types which are till the 15th of march of this year listed in the common seed catalog for agricultural plants and published according to article 17 of the guideline 2002/53/EG.

Cannabis seed types for the regular farming

Antal	KC Dora
Armanca	KC Virtus
Beniko	KC Zuzana
Cannakomp	Kompolti
Carma	Kompolti hibrid TC
Carmaleonte	Lipko
Chamaeleon	Lovrin 110
Codimono	Marcello
CS	Markant
Dacia Secuieni	Monoica
Delta-Ilosa	Rajan
Delta-405	Ratza
Denise	Santhica 23
Diana	Santhica 27
Dioica 88	Santhica 70
Eletta Campana	Secuieni Jubileu
Epsilon 68	Silvana
Fedora 17	Szarvasi
Felina 32	Tiborszallasi
Ferimon	Tisza
Fibranova	Tygra
Fibrol	Uniko B
Finola	Uso-31
Futura 75	Wielkopolskie
Ivory	Wojko
KC Bonusz	Zenit

Cannabis seed types which are not allowed in Germany in 2017:

Bialobrzeskie	Carmagnola
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The average THC content of all samples of Bialobrzeskie and Carmagnola were above the allowed maximal concentration in two years.







CONVENTIONAL FOOD

DIETARY SUPPLEMENT

PRESCRITION DRUG







FDA regulation allows a naturally derived ingredient to co-exist as conventional food, dietary supplement, and drug

✓ Intended use dictates safety, manufacturing standards, and marketing claims

DISTINCT REGULATED PRODUCT CATEGORIES – food, supplements, drugs

Conventional Food - Defined

FDA completed three generally recognized as safe (GRAS) notices for hemp seed-derived food ingredients: hulled hemp seed, hemp seed protein powder, and hemp seed oil.

FDA had no questions regarding the safe use of these ingredients in humans.

Hemp seed derived products can be legally marketed in human foods, provided they comply with other FD&C requirements.

DISTINCT REGULATED PRODUCT CATEGORIES – food, supplements, drugs

Prescription Drug - Defined

FDA has approved one cannabis-derived and three cannabis-related drug products.

These approved products are only available with a prescription from a licensed healthcare provider.

There is active research exploring new cannabis-derived and cannabis-related drugs.

DISTINCT REGULATED PRODUCT CATEGORIES – food, supplements, drugs



Dietary Supplement – Guidance for industry needed on the scope of allowed hemp-derived dietary ingredients (purity, potency, and composition)

New Dietary Ingredient Notification (NDIN)

- 1) Describe 'identity' of ingredient (a.k.a., 'the article')
- 2) Provide evidence of safety for the described ingredient for the intended use

Other FD&C requirements for dietary supplements

- cGMP
- Labeling and claims
- Adverse Event Report (AER) record keeping and recording requirements

Different > Products (composition, purity and potency)

Different > Intended use

Different > Safety, manufacturing and marketing regulations







	CONVENTIONAL FOOD	DIETARY SUPPLEMENT	PRESCRITION DRUG	
Source	Нетр	Hemp	Marijuana, Hemp, and Synthetic	
Safety	GRAS	NDIN pre-market approval		
cGMP	21 CFR Part 117	21 CFR Part 111	21 CFR Part 211	
Claims	taste, aroma, nutritive value, or technical effect	structure/function	therapeutic (pre-approved)	
Scope of allowed cannabis ingredients	hulled hemp seed, hemp seed protein powder, and hemp seed oil	CARA PROTAIN NOWARK AND RAMP CARA OILL		

- Starting material food/fiber hemp cultivars from licensed and registered hemp seeds
- Ingredient identity supplement/food 'article' is different composition than drug 'article'
- Ingredient meets FDA safety standards
- 3rd party cGMP verified manufacturing
- FDA compliant labeling and claims
- Post Market Surveillance (AER record keeping and reporting)

to att.:
U.S. Customs and Border Protection /
U. S. Department of Agriculture

23.06.2015

Dear Sirs and Madams!

The phytosanitary certificate DE/FR/PL01437/16 063 15/249 and the delivery note MRN 15DE260417818743£8 from German customs administration reflects the way of transport for the goods stated (3.000 kg hem; c/neds Futura 75) from France to Germany and the export of these goods to the U.S.

Receiver of the goods; U. S. Hemp Oil / CV Corp

Best regards

Wir bescheinigen die Vorlage der Erklärung Hinsichtlich des Inhaltes ist Gegenteitige

Düsseldorf, den 23, Juni 2015
Industrie- und Handelskammer
zu Düsseldorf
Industrie- und Flandelskammer
zu Düsseldorf
Litter Haustgeschändicher
Litt.
Krohn

United States

COMMERCIAL INVOICE

Customer number: 8695

Invoice number: 60361 Invoice date: 07.05.2013

For delivery for the following goods on the aforesaid date we bill:

Pos.	Anz.	Art-Nr.	Artikel/Dienstleistung	(Mwst.) Rabatt	Preis	Gesamt
1	12		Hemp oil (kg) Tariff code 1515.90.80.10	(0)		
2	1	1002r	Transport	(0)	0.00	0.00

End use: Cosmetics, lotions (will be repacked in US into 8 oz plastic bottles) Containers: 6 x 2 kg / 70,55 Fl oz. (2155 ml) plastic bucket

Label information: Product name: Hemp Oil Batch number: SKO213 Expiry date: 12/2016 Net weight: 12 kg/70,55 Fl oz. (2155 ml)

Manufactured by: 40470 Duesseldorf

Tel. 0049-211-699905610, Fax 0049-211-699905618 Country of origin: Germany

I declare that all the information in this invoice to be true and correct.

O[0]

Daniel Krise, CEO, Hempso Int.

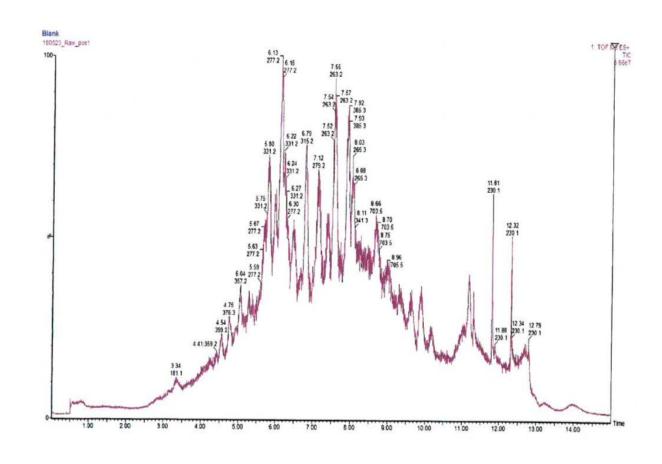
Hinweis: Rechnung o

Gesamtbetrag EUR

Binsichti. Entgeltminderungen verweisen wir auf aktuelle Iahlungs- und Konditionsvereinbarungen. Lieferdstim entspricht dem Rechnungsdatum. En gelten die Allgemeinen Geschäftsbedingungen (AGBs). Odem aufgeführte Mare bleibt bis zur vollständigen Bestablum gilgenium von Hemper International

Deutsche Bank, 3LI 300 700 24, Fto. 222 55 14 GLG Bank, BLI 430 609 67, Kto. 40 10 73 71 00 Amsgericht Disseldorf HRAIS708 DE015035789 Persönlich haftender Gesellschafter: Heapro Verwaltungs GebN, Düsseldorf Amsgericht Tüsseldorf HRAIGHT Geschäftsbrer:

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 from licensed and registered hemp seeds
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Hindawi Journal of Toxicology Volume 2018, Article ID 8143582, 26 pages https://doi.org/10.1155/2018/8143582

Research Article

An Assessment of the Genotoxicity and Subchronic Toxicity of a Supercritical Fluid Extract of the Aerial Parts of Hemp

Tennille K. Marx , 1 Robin Reddeman , 1 Amy E. Clewell , 1 John R. Endres , 1 Erzsébet Béres, 2 Adél Vértesi, 2 Róbert Glávits, 2 Gábor Hirka, 2 and Ilona Pasics Szakonyiné

¹ AIBMR Life Sciences, Inc., 2800 E Madison St., Suite 202, Seattle, WA 98112, USA ² Toxi-Coop Zrt., Magyar Jakobinusok Tere 4/B, Budapest 1122, Hungary

Correspondence should be addressed to John R. Endres; john@aibmr.com

Received 6 December 2017; Revised 6 March 2018; Accepted 7 May 2018; Published 7 June 2018

Academic Editor: Lucio Guido Costa

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A battery of toxicological studies was conducted on a supercritical $\rm CO_2$ extract of the aerial parts of the Cannabis sativa plant, containing approximately 25% cannabinoids. No evidence of genotoxicity was found in a bacterial reverse mutation test (Ames), in an in vitro mammalian chromosomal aberration test, or in an in vivo mouse micronucleus study. A 14-day repeated oral doserange finding study conducted in Wistar rats at 1000, 2000, and 4000 mg/kg bw/day resulted in effects where a NOAEL could not be concluded. Based on those results, a 90-day repeated dose oral toxicity study was performed in rats using doses of 100, 360, and 720 mg/kg bw/day, followed by a 28-day recovery period for two satellite groups. Significant decreases in body weight, body weight gain, and differences in various organ weights compared to controls were observed. At the end of the recovery period, many of the findings were trending toward normal; thus, the changes appeared to be reversible. The NOAEL for the hemp extract in Hsd.Han Wistar rats was considered to be 100 mg/kg bw/day for males and 360 mg/kg bw/day for females.

1. Introduction

Cannabinoids are chiefly known to act on the cannabi-

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Audit Recognition

This acknowledges that

CV Sciences 10070 Barnes Canyon Rd San Diego, California, 92121

has successfully completed

Eurofins Dietary Supplement Audit



Kelsi Obando Certification Specialist

Credible Results. Incredible Service."

Director of Food Safety Syste





Certificate of Compliance

Date of Issue: 01-02-2019 Expiration: 01-02-2020

hereby

_ C

Certificate Number 701003

Authorized

State Search
Brian Bennett
Director of Auditing

Service

Assuing Officer:

Ariana Shnurman Program Manager Validus Verification Services, LLC

hereby certifies that

CV Sciences Inc.

has been reviewed by an authorized representative of the Validus Verification Services and is certified under the U.S. Hemp Authority Certification Program for the following site:

10070 Barnes Canyon Road, Suite100 San Diego, California 92121, United States

Scope of Registration: U.S. Hemp Authority

Audit was conducted with U.S Hemp Authority checklist v1.0 in effect 12-2018

*For the validity of the certificate please check www.ushempauthority.com



Validus Verification Services LLC 3331 109th Street

Urbandale, IA 50322

In a certificate contract companies by an experience experience amends and a separation program. It is not expended to certify or injuly the particular operating conditions or product within the facility of any particular inter- Bits certification and that the facility and injuly facilitation Program requirements. This certificate has severe a particular time. The program requirements are the facility to improve with the U.S. Herry Authority Certification Program requirements. This certificate has a severe and the contraction of the contra

