



CERTIFICATE OF ANALYSIS

INFORMATION ABOUT SAMPLE			
No. of Certificate	23/000033	Sample Type:	Pure CBD
Analysis date:	16.02.2023	Carry Oil:	Hemp Oil Gold
Date of preparation	16.02.2023	Color:	Light
Production date:	10.02.2023	LOT number:	22/23-000649
Expiry date:	06/24	Additional:	n.a.

RESULTS					
No.	Analyte	LOD	LOQ	Results	Unit
APPERANCE					
1	Color	-	-	Corresponding	-
2	Odor	-	-	Corresponding	-
CANNABINOIDS CONTENT					
1	Cannabidiol (CBD)	0,11	0,36	5,32	% (w:w)
2	Cannabidiolic acid (CBDA)	0,003	0,01	ND	% (w:w)
3	(-)- Δ^9 -tetrahydrocannabinol (d9-THC), sum THC and THCA	0,003	0,01	ND	% (w:w)
4	Cannabichromene (CBC)	0,003	0,01	ND	% (w:w)
5	Cannabichromene acid (CBCA)	0,006	0,02	ND	% (w:w)
6	Cannabidivarin (CBDV)	0,003	0,01	0,01	% (w:w)
7	Cannabigerol (CBG)	0,02	0,06	ND	% (w:w)
8	Cannabigerol acid (CBGA)	0,003	0,01	ND	% (w:w)
9	Cannabinol (CBN)	0,003	0,01	ND	% (w:w)

Prepared by	Authorized by
<p>Ewa Sumińska Chemical Analysis Specialist</p> 	<p>Marzena Gizler R&D and Quality Manager</p> 

PRODUCT INFORMATION

Product Name	Extract with natural phytonutrients with hemp oil
Product Number	Seqcanna–PureCBD/H
Package	10 ml netto in glass bottle; 30 ml netto in glass bottle; 1000 ml netto in PE bottle or customer's request
Storage	Store in tightly closed containers, at a temperature not higher than 25°C, protect from light.
Identified uses	Only industrial, R&D or professional use
Expiry Date	14 months

PRODUCT SPECIFICATION

Parameter		Acceptance Criteria
	Color	From slightly yellow to yellow-green
	Odor	Characteristic, hemp
	CBD	From the declared concentration: $\pm 0,5$
	THC	< 0,05%
	Pesticides	< 0,1 mg/kg
Microbiology	Enterobacteria count (bile-tolerant Gram-negative bacteria)	< 5×10^4 cfu/g or cfu/ml
	Total number of yeast and mold	< 5×10^2 cfu/g or cfu/ml
	Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species)	Absent in 1 g or 1 ml
	Presence of Escherichia coli	Absent in 1 g or 1 ml
	Presence of Salmonella	Absent in 25 g
Elementar Impurities	Lead	< 3,0 ppm
	Cadmium	< 1,0 ppm
	Mercury	< 0,1 ppm
PAH	Benzo(a)pirene	< 2 μ g/kg
	Sum of benzo(a)pirene, benz(a)anthracene, benzo(b)fluorantene and chryzene	< 20 μ g/kg

EXTRACTION SPECIFICATION

Botanic name of raw product	Cannabis Sativa L
Plant part	Aboveground part of the plant (flowers, stalks, leaves)
Origin	Europe
Extraction method, ratio	Supercritical Fluid Extraction (CO ₂); 1:5;
Additives and fillers	None

The product was produced from a variety of hemp (Cannabis Sativa L.) entered in the Community Catalog of Agricultural Plants (CCA)

INFORMATION ABOUT ALLERGENS

Our product **does not** contain allergens such as: gluten, eggs, fish, soya, milk, nuts, seler, mustard, sesame seeds, sulphur dioxide, lupin, molluscs and derived products.

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifiers

Product Name: Extract with natural phytonutrients with hemp oil
 CAS No: 89958-21-4 / 13956-29-1;
 ECHA EC: 289-644-3 / 689-176-3;
 Product number: Seqcanna-PureCBD/H

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Only industrial, R&D or professional use.

1.3 Details of the supplier providing the safety data sheet

Manufacturer: Sequoia Europe Sp. z o.o.
 ul. Energetyków 16; 32-050 Skawina; POLAND
 office@sequoia.ca

1.4 Emergency number

Emergency Phones: +48 731 563 111 (Sequoia Europe Sp. z o.o.)
 +48 12 411 99 99 (Toxicology Department - University Hospital in Krakow)
 112 (Emergency Notification Center)
 999 (Emergency Medical Services)

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

No dangerous substance or mixture according to Regulation (EC) No. 1272/2008.
 This substance is not classified as dangerous according to Directive 67/548/EEC.
 Registration in accordance with the REACH Regulation (No. 1907/2006) - not applicable.

2.2 Label contents

The substance is not classified as hazardous.

2.3 Other hazards

None

SECTION 3: Composition/Information on Ingredients

3.1 Substances/mixture of substances

INCI	Substance	CAS	Synonyms
CANNABIS SATIVA SEED OIL	Hemp Oil (Organic Hemp Oil)	89958-21-4	Cannabis Sativa Seed Oil Hemp Seed Extract
CANNABIDIOL - DERIVED FROM EXTRACT OR TINCTURE OR RESIN OF CANNABIS	CBD extract (extracted by supercritical CO ₂)	13956-29-1	Hemp extract (extracted by supercritical CO ₂)

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Remove person to fresh air and keep comfortable for breathing. In case of respiratory arrest, use artificial respiration.

After skin contact

Wash off with soap and plenty of water. Get medical advice if skin irritation persists.

After eye contact

Rinse thoroughly and plentifully with water, also under the eyelids. Consult an ophthalmologist if irritation persists.

After ingestion

Rinse mouth with water. Do not give an unconscious person anything to drink. Do not induce vomiting. Get medical advice/attention if you feel unwell.

4.2 Most important acute or delayed symptoms and effects

No data available.

4.3 Information about immediate medical assistance or special treatment

No data available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing agents

Use extinguishing media appropriate for surrounding fire.

Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.3 Instructions for fire fighting

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

5.4 Further information

Spilled material may present a slipping hazard. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dispose of in accordance with relevant local regulations.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Spilled material may present a slipping hazard.

Protective Equipment: Concerning personal protective equipment to use, see section 8.

Emergency Procedures: Ventilate spillage area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Avoid sub-soil penetration. Do not empty into drains.

6.3 Methods and materials for retention and cleaning

Take up liquid spill into absorbent material, e.g.: sand, saw dust. Shovel into suitable and closed container for disposal. Disposal must be done according to official regulations. Clean using water and detergent.

6.4 Reference to other sections

Disposal: see section 13.

SECTION 7: Handling and Storage

7.1 Protective measures for safe handling

Precautions for safe handling :

Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with eyes.

Hygiene measures :

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Information on protective measures can be found in section 8.3.

7.2 Conditions for safe storage under consideration of incompatibilities

Store in tightly closed containers, at a temperature not higher than 25°C, protect from light.

7.3 Specific end uses

No additional information available.

SECTION 8: Exposure controls/Personal protective equipment

8.1 Parameters to be monitored

Contains no substances with occupational exposure limit values.

8.2 Limitation and monitoring of exposure

Suitable technical control equipment
General industrial hygiene measures.

8.3 Personal protective equipment

Eye/face protection

For eye protection only use equipment that has been tested and approved according to official standards such as NIOSH (US) or EN 166 (EU).

Skin Protection

In case of repeated or prolonged contact wear gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the resulting EN 374 standard. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer.

Body protection

Wear suitable protective clothing.

Respiratory protection

No respiratory protection necessary. In case of insufficient ventilation, wear suitable respiratory equipment: EN 143. Filter type: A2-P2. Respiratory protective devices and components must be tested and approved in accordance with corresponding national standards.

Environmental exposure monitoring

Do not empty into drains.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a). Appearance	Shape: liquid
	Colour: light yellow to dark green
b). Odour	Characteristic
c). Odour threshold	No data available
d). pH	No data available
e). Melting point/freezing point	No data available
f). Initial boiling point and boiling range	No data available
g). Flash point	No data available
h). Evaporation rate	No data available
i). Flammability (solid, gaseous)	No data available
j). Upper/lower ignition or explosion limits	No data available
k). Vapour pressure	No data available
l). Vapour density	No data available
m). Relative density	No data available
n). Water solubility	Insoluble in water
o). Distribution coefficient: n-octanol/water	No data available.
p). Self-ignition temperature	No data available.
q). Decomposition temperature	No data available.
r). Viscosity	No data available.
s). Explosive properties	No data available.
t). Oxidizing properties	No data available.

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under specified storage conditions.

10.3 Possibility of dangerous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Other decomposition products - No data available In case of fire: see chapter 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity -	No data available.
Etchant/irritant effect on skin -	No data available
Severe eye damage/irritation -	No data available
Sensitization of the respiratory tract/skin -	No data available
Germ cell mutagenicity -	No data available
Carcinogenicity -	No data available.
Reproductive toxicity -	No data available.
Specific target organ toxicity - single exposure -	No data available
Specific target organ toxicity - repeated exposure -	No data available
Danger of aspiration -	No data available
Additional Information -	No data available.

To the best of our knowledge, the chemical, physical and toxicological properties of this natural substance/mixture have not been fully investigated.

SECTION 12: Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulation potential

No data available

12.4 Mobility in the ground

No data available

12.5 Results of the PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

12.6 Other adverse effects

No data available

SECTION 13: Disposal Information

13.1 Procedures for waste treatment

Residual quantities and non-recyclable solutions must be sent to a recognised waste disposal company. Do not dispose of with domestic waste. Do not discharge into drains or the environment. Disposal must be done according to official regulations.

SECTION 14: Transport Information

14.1 UN number

ADR/RID: not applicable IMDG: not applicable IATA: not applicable

14.2 Proper UN shipping name

ADR/RID: not applicable IMDG: not applicable IATA: not applicable

14.3 Transport hazard classes

ADR/RID: not applicable IMDG: not applicable IATA: not applicable

14.4 Packaging group

ADR/RID: not applicable IMDG: not applicable IATA: not applicable

14.5 Environmental hazards

ADR/RID: not applicable IMDG Marine pollutant: not applicable IATA: not applicable

14.6 Special precautions for the user

No data available

SECTION 15: Legislation

This safety data sheet fulfils the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental protection/legislation specific to the substance or mixture

No data available

15.2 Chemical safety assessment

No chemical safety assessment has been performed for this product.

SECTION 16: Other information

Further information

This information has been compiled to the best of our knowledge but does not claim to be complete or accurate and should be understood by the user as a guideline only.