

# TEST CERTIFICATE No.: 2020-5895

ISSUED TO  
**PharmaHemp d.o.o.**

Sample name: CBD CRYSTALLINE  
POWDER  
Sample type: Crystals  
Batch No.: CB99620070A  
Method: PHS1M7  
Date received: 10/3/2020  
Date tested: 10/3/2020



## CANNABINOID PROFILE

	wt%	mg/g	
<b>CBDV</b>	0,25	2,5	0,25 wt%
<b>CBDA</b>	< LOQ	< LOQ	
<b>CBGA</b>	< LOQ	< LOQ	
<b>CBG</b>	< LOQ	< LOQ	
<b>CBD</b>	99,64	996,4	99,64 wt%
<b>THCV</b>	< LOQ	< LOQ	
<b>CBN</b>	< LOQ	< LOQ	
<b>CBC</b>	< LOQ	< LOQ	
<b>THC</b>	< LOQ	< LOQ	
<b>THCA</b>	< LOQ	< LOQ	
<b>TOTAL</b>	99,89	998,9	

Measurement units and abbreviations: wt% = weight percent, mg/g = miligram/gram, < LOQ = Below the Limit of Quantitation (0.03 wt%), ND = Not detected (< 0.01 wt %).

Authorization: **Dr. Boštjan Jančar, CTO**

Date: **11/3/2020**

Signature: 

# TEST CERTIFICATE No.: 2020-672

ISSUED TO  
**Pharmahemp d.o.o.**

Sample name: FED  
Sample type: Resinous material  
Batch No.: EM80020157A  
Method: PHL\_RPC\_10C  
Date received: 05/06/2020  
Date tested: 08/06/2020



## CANNABINOID PROFILE

	wt%	mg/g		
<b>CBDV</b>	0.87	8.7		0.87 wt%
<b>CBDA</b>	0.55	5.5		0.55 wt%
<b>CBGA</b>	0.24	2.4		0.24 wt%
<b>CBG</b>	5.28	52.8		5.28 wt%
<b>CBD</b>	72.27	722.7		72.27 wt%
<b>THCV</b>	0.07	0.7		0.07 wt%
<b>CBN</b>	< LOQ	< LOQ		
<b>CBC</b>	0.13	1.3		0.13 wt%
<b>THC</b>	0.08	0.8		0.08 wt%
<b>THCA</b>	< LOQ	< LOQ		
<b>TOTAL</b>	<b>79,48</b>	<b>794,8</b>		

Measurement units and abbreviations: wt% = weight percent, mg/g = milligram/gram, < LOQ = Below the Limit of Quantitation (0.03 wt%), ND = Not detected (< 0.01 wt %).

Authorization: **Dr. Boštjan Jančar, CTO**

Date: **08/06/2020**

Signature:

### Chemical Content Analysis by GC-MS

**Date:** 30<sup>th</sup> June 2020  
**Client:** Vilosophy  
**Product:** Distillate  
**Lab Batch No.:** Batch0181\_26\_06\_2020

### Method Summary:

0.05g of sample was diluted using methanol into a 10ml volumetric flask and sonicated for 16 minutes. The sample was vialled and analysed on an Agilent GC-MS on a Scan method. The results were checked against a NIST database, with the best match above the acceptance threshold given. The results are presented in Table 1.

**Table 1 Chemical content of product:**

Compound	CAS number	Peak area percentage (%)
[[[(2-chloroethyl)sulphonyl]methyl]benzene	66998-67-2	0.10
Neophytadiene	504-96-1	0.50
Caryophyllene Oxide	1139-30-6	6.03
Hexahydrofarnesyl acetone	502-69-2	1.31
Ethyl 4-ethoxybenzoate	23676-61-7	0.51
$\alpha$ -Bisabolol	515-89-5	3.82
Glycerin	56-81-5	3.71
3,5,11-Eudesmatriene	193615-07-5	1.58
Caryophyllene Oxide	1139-30-6	3.11
10,10-dimethyl-2,6-dimethylenebicyclo[7.2.0]-undecan-5 $\beta$ -ol	19431-80-2	6.18
Caryophylladienol II	19431-79-9	3.49
Farnesene	3891-98-3	0.82
Methyl linoleidate	2566-97-4	1.27
Isopropyl linolate	22882-95-7	1.81
Methyl linolenate	301-00-8	0.99
Phytol	150-86-7	5.51
Hexalosane	630-01-3	3.38
Myristic Acid	544-63-8	5.05

Phytol	150-86-7	1.73
Octacosane	630-02-4	25.03
Hexadecanoic Acid	57-10-3	10.36

**Comments:**

All Cannabinoids have been removed from the chromatography. Therefore, the values given in Table 1 represent the makeup of the 'unknown' from the cannabinoid testing.

All results are taken as a result of the closest match from a NIST Database of compounds.

**Approved by:**

Lawrence Theobald, Laboratory Supervisor



## Partial report of microbiological analyses

**Sample:** CMI2.0-0010  
**Sample number:** 20/75517; Lab.no.: 20/14471  
**Purpose:** Microbiological testing  
**Title:** Microbiological testing of foodstuff  
**Head of task:** Tatjana Rupel, univ. dipl. biol., spec. med. mikrobiol.  
**Customer:** [REDACTED]  
**Request:** Order, 06.11.2017  
**Sample status:** The sample complies with criteria for the reception

**Sampling** **Sample receiving** **Issue date:** 17.08.2020  
**Date and hour:** **Date and hour:** 14.08.2020 10:12  
**Taken by:** Orderer **Received by:** Vilma Rozman

**Data provided by a customer included in the test report are:**  
sample data, sampling data (the location of the sampling, the date and hour of the sampling, sampler).

### Analytic results

# Results marked with # refer to not accredited activity

Parameter	Method, Place of execution	Result	Unit	Start/End
Moulds and yeasts	ISO 21527-1:2:2008, LJ	in work	# CFU/g	
Salmonella spp.	ISO 6579-1:2017 (IRIS,37±1°C), LJ	in work	in 25 g	
Beta-glucuronidase-positive Escherichia coli	ISO 16649-2:2001, LJ	< 10	CFU/g	14.08.2020 17.08.2020
Coagulase-positive staphylococci and S. aureus	ISO 6888-1:1999 (37°C), LJ	< 10	CFU/g	14.08.2020 17.08.2020
Total microbial count	ISO 4833-1:2013, LJ	2.0x10 <sup>4</sup>	CFU/g	14.08.2020 17.08.2020

### Locations of analyses:

LJ - OMA Ljubljana, Grablovičeva ulica 44, Ljubljana

**Analyst:**  
Tatjana Rupel, univ. dipl. biol., spec. med. mikrobiol.

**Responsible person:**  
Tatjana Rupel, univ. dipl. biol., spec. med. mikrobiol.

Results refer only to the tested sample. The test report shall not be reproduced except in full without written approval of the department. It should not be used for advertising purposes.  
The sample was kept in accordance to the requirements from the time of receipt until the start of the testing. Results apply to the sample as received.  
All additional information on testing is available at the department.