PHYTOVISTA LABORATORIES

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Reported date: 12/08/2022

CERTIFICATE OF ANALYSIS

No: C-AR02980-3-2-3

Sample Information			
Description:	CBD Oil 500mg per 10ml	**Sample condition**	Conforms
		Storage conditions	Ambient
PV ID:	AR02980-3	**Received date**	18/07/2022
Batch No:	050.10.03	**Test started date**	11/08/2022
Customer Information			
Name	SulisLuna		
Address	22 Rosehill Avenue, SM1 3HG		

This Certificate of Analysis supercedes C-AR02980--3-2-2 dated 09/08/2022

Results apply to sample as received

Method ID	Technique	Analyte	Result	Units	LOQ
PVSOP-47	HPLC-DAD/UV	Cannabidiol (CBD)	5.5627	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabidiolic acid (CBDA)	0.0066	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabidivarin (CBDV)	0.0186	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabidivarinic acid (CBDVA)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabigerol (CBG)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabigerolic acid (CBGA)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabichromene (CBC)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabichromenic acid (CBCA)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabicyclol (CBL)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Tetrahydrocannabivarinic acid (THCVA)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Tetrahydrocannabivarin (THCV)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Cannabinol (CBN)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Δ9-Tetrahydrocannabinol (Δ9-THC)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Δ8-Tetrahydrocannabinol (Δ8-THC)	<LOQ	%w/w	0.0025
PVSOP-47	HPLC-DAD/UV	Δ9-Tetrahydrocannabinolic acid A (Δ9-THCA-A)	<LOQ	%w/w	0.0025

Additional Information:

Reviewed By:

Paulina Lasinska-Pracuta
Analytical Chemist

UKAS TESTING
20213

EkotechLAB Marek Klein S.K.A.
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Gdańsk, 01.09.2022

CERTIFICATE OF ANALYSIS No. S/CL/1119c/22 X

Customer	SULISLUNA UK LIMITED 22 Rosehill Avenues, Sutton SM1 3 HG, United Kingdom	
Basis for analysis order number, contract number	**Subject of analysis** sample matrix	**Condition of samples** correct / incorrect - according to I-01/PO-03 instruction
Z/CL/1119/22	Vegetable/animal oil - product with the addition of hemp	Correct

Place of sampling according to the Customer's information	**Date of sampling** according to the Customer's information	**Date of samples' delivery to the laboratory**	**Analysis completion date**
Nie dotyczy	Nie dotyczy	23.08.2022	01.09.2022

Analyses conducted by:	**Additional information**
EkotechLAB R&D Laboratory, Fiszera 14, 80-231 Gdańsk, Poland	None

Samples identification:

No.	Sample labeling by Customer	Sample labeling by Laboratory
1.	Hemp Heavy Metals	2375/22

Results:

No.	Sample code	Subject of determination	Method*	Result ***	Unit
1.	2375/22	Cadmium (Cd)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg
2.		Chrome (Cr)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg
3.		Copper (Cu)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg
4.		Iron (Fe)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg
5.		Nickel (Ni)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg
6.		Lead (Pb)	PB-CL-5:2019/issue.3 from 20.05.2021 /ICP/NA	Below the working range of the method**	mg/kg

* The method is in the form: No. of test procedure / analytical technique / A - accredited, NA - not accredited, P - performed by the subcontractor

** limit of quantification 2 mg/kg

mgr inż. Joanna Klein
Kierownik ds. Jakości
ekotechLAB

Prepared by: Maciej Rumiński
Instrumental Analysis Specialist

Authorized by: Joanna Klein
Quality Manager

*** The measurement uncertainty is expressed at the customer's request, or when it is relevant for the interpretation of the results - as the expanded uncertainty at the probability level of 95% and the coverage factor k = 2, the given uncertainty does not include the sampling stage. The laboratory is not responsible for the sampling and transport stage. Without the written consent of the Laboratory, the test report may not be reproduced except in full. The results relate to the tested samples only. The period for submitting a complaint is 14 days from the date of receipt of the report.

THE END OF REPORT

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Gdansk, 31.08.2022

CERTIFICATE OF ANALYSIS No. S/CL/1119e/22 µ-O

Customer	SULISLUNA UK LIMITED 22 Rosehill Avenues, Sutton SM1 3 HG, United Kingdom		
Basis for analysis order number, contract number	**Subject of analysis** sample matrix		**Condition of samples** correct / incorrect - according to I-01/PO-03 instruction
Z/CL/1119/22	Vegetable/animal oil - product with the addition of hemp		Correct
Place of sampling according to the Customer's information	**Date of sampling** according to the Customer's information	**Date of samples' delivery to the laboratory**	**Analysis completion date**
No data	No data	23.08.2022	31.08.2022
Analyses conducted by:		**Additional information**	
EkotechLAB R&D Laboratory, Fiszera 14, 80-231 Gdansk, Poland		None	

Samples identification:

No.	Sample labeling by Customer	Sample labeling by Laboratory
1.	Hemp Microbiology	2377/22

Results

No	Sample code	Subject of determination	Method*	Result ***	Unit
1.	2377/22	Enumeration of coliforms	PN-ISO 4832:2007	<10	cfu/g
2.		Detection of Salmonella spp.	PN-ISO 6579-1:2017-04+A1:2020-09	not detected	/10g
3.		Enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)	PN-EN ISO 6888-2:2001+A1:2004	<10	cfu/g
4.		Enumeration of yeasts and moulds	PN-ISO 7954:1999 (W)	<10	cfu/g

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mgr inż. Joanna Klein
Kierownik ds. Jakości
ekotechLAB

Prepared by: Maciej Rumiński
Instrumental Analysis Specialist

Authorized by: Joanna Klein
Quality Manager

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Gdansk, 2022-09-01

CERTIFICATE OF ANALYSIS No. S/CL/1119d/22 P

Customer	SULISLUNA UK LIMITED 22 Rosehill Avenues, Sutton SM1 3 HG, United Kingdom	
Basis for analysis order number, contract number	**Subject of analysis** sample matrix	**Condition of samples** correct / incorrect - according to I-01/PO-03 instruction
Z/CL/1119/22	Vegetable/animal oil - product with the addition of hemp	Correct

Place of sampling according to the Customer's information	**Date of sampling** according to the Customer's information	**Date of samples' delivery to the laboratory**	**Analysis completion date**
No data	No data	23.08.2022	01.09.2022

Analyses conducted by:	**Additional information**
EkotechLAB R&D Laboratory, Fiszera 14, 80-231 Gdańsk, Poland	None

Samples identification:

No.	Sample labeling by Customer	Sample labeling by Laboratory
1.	Hemp Pesticides	2376/22

Results:

No.	Sample code	Subject of determination	Method*	Result ***	Unit
1.	2376/22	Biphenyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
2.		2,6-Dichlorobenzonitrile	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
3.		3,4-Dichloroaniline	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
4.		Methacrifos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
5.		Ethalfluralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
6.		Trifluralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
7.		Benfluralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
8.		Tetrahydrophthalimide	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
9.		Tetrachloronitrobenzene	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
10.		2,3,5,6-Tetrachloroaniline	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
11.		Profluralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
12.		Diphenylamine	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
13.		Sulfotepp	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
14.		Fluchloralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
15.		Terbufos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
16.		Pentachloronitrobenzene	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
17.		Dichloran	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
18.		Pentachlorobenzonitrile	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
19.		Prodiamine	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
20.		Pentachloroaniline	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
21.		Chlorothalonil	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
22.		Fenchlorphos (Ronnel)	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
23.		Tolclofos-methyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
24.		Isopropalin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
25.		Malathion	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
26.		Dichlofluanid	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
27.		Bromophos methyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
28.		Pendimethalin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg

29.		Fenthion	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
30.		Bromophos-ethyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
31.		Chlorfenvinphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
32.		Tolylfluanid	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
33.		Bromfenvinphos methyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
34.		Prothiofos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
35.		Oxyfluorfen	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
36.		Tetrachlorvinphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
37.		Bromfenvinphos ethyl	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
38.		Profenofos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
39.		Fenamiphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
40.		Iodofenphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
41.		Chlorthiophos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
42.		Nitrofen	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
43.		Ethion	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
44.		Sulprofos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
45.		Carbophenothion	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
46.		Nitralin	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
47.		Edifenphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
48.		Leptophos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg
49.		Coumaphos	PB-CL-4:2019/issue.2.from 04.06.2020/GCMS/NA	Not detected**	mg/kg

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** limit of quantification 1 mg/kg

mgr inż. Joanna Klein
Kierownik ds. Jakości
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Prepared by: Maciej Rumiński
Instrumental Analysis Specialist

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THE END OF REPORT

CARRIER OIL FOR CBD

ORGANIC HEMP SEED OIL SPECIFICATION

Designation	Specifics
Product Description:	Cold pressed oil
Status:	organic
EAN code:	3859893314131
Tarif item:	15159059
Ingredients:	100% cold-pressed hemp
Preservatives:	No preservatives
Instructions for use:	Use without heat treatment
Storage conditions:	In a dry and cool place, protected from direct sunlight
Region of Origin:	EU
Organic certificate from Austria Bio Garantie:	n. 4-00362-2021
Kosher certificate from:	Chief Rabbi Dr. Kotel Da-Don
Halal certificate:	824/2021-1442

Quality Parameters:	Microbiology:	Pesticides:
Moisture: < 0.4 g / 100 g	Aerobic mesophilic bacteria: 10 cfu / g	< 0.01 mg/kg
Free fatty acids: < 2%	Enterobacteriaceae: 10 cfu / g	-
Density: 0.914 -0.930 kg /m3	Yeast and mold: 10 cfu / g	-
Peroxide value: < 7 mmolo2 / kg	Listeria monocytogenes: 10 cfu / g	-
Insoluble impurities: < 0.1%	-	-

HEMP SEED OIL TERPENES

- Linalool
- Limonene
- Alpha-Pinene
- Beta-Pinene
- Alpha-Terpinene
- Terpinolene
- Anethole
- Beta-caryophyllene
- Alpha-terpineol