

Certificate of Analysis

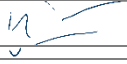

LU-RCoA-006/1

HHC

Company name:	NINE REALMS VC LTD	Date of Analysis:	02.05.2023
Sample number:	15.3.23	Raw data:	RsetID: 23213
Date of manufacture:	/	Analytical technique:	UPLC/PDA (DAD)

Component	Assay	Unit
CBDVA	< LOQ	% as is
CBDV	< LOQ	% as is
CBDB	< LOQ	% as is
THCV	< LOQ	% as is
CBD	< LOQ	% as is
CBDA	< LOQ	% as is
CBG	< LOQ	% as is
CBGA	< LOQ	% as is
CBN	< LOQ	% as is
d9-THC	< LOQ	% as is
d8-THC	< LOQ	% as is
S-HHC	26.81	% as is
R-HHC	62.61	% as is
Sum of HHC	89.42	% as is
CBC	< LOQ	% as is
CBL	< LOQ	% as is
CBCA	< LOQ	% as is
THCA	< LOQ	% as is
CBNP	< LOQ	% as is
CBLA	< LOQ	% as is
ISO-HHCP 1	< LOQ	% as is
ISO-HHCP 2	< LOQ	% as is
S-HHCP	< LOQ	% as is
R-HHCP	< LOQ	% as is
Sum of HHCP	< LOQ	% as is

* Limit of quantitation, LOQ = 0.05 w / w %.

	Name	Signature
Author:	Davor Štirn, M.Sc.	
Approved by:	Jaka Štirn, M. Sc.	

CERTIFICATE OF ANALYSIS No. S/CL/1166/22 R

Customer			
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/1166/22	Hemp extract		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		
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.	106-001-A	2494/22

Results:

No.	Sample code	Subject of determination	Method*	Result ***	Unit
1.	2494/22	Silver (Ag)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
2.		Aluminum (Al)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method****	mg/kg
3.		Arsenic (As)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method****	mg/kg
4.		Cadmium (Cd)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
5.		Chrome (Cr)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
6.		Copper (Cu)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
7.		Iron (Fe)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
8.		Mercury (Hg)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method****	mg/kg
9.		Manganese (Mn)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
10.		Nickel (Ni)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
11.		Lead (Pb)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
12.		Tin (Sn)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method****	mg/kg
13.		Vanadium (V)	PB-CL-5:2019/issue.3 from 20.05.2021/ICP/NA	Below the working range of the method**	mg/kg
14.		Zinc (Zn)	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

Prepared by: Karolina Grajewska
Junior Instrumental Analysis Specialist



mgr inż. Joanna Klein
Kierownik ds. Jakości
ekotechLAB
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



09.05.2023

Prüfbericht

Auftraggeber Institut für Hanfanalytik
Gerhardusgasse 25/3.OG
1200 Wien
Österreich

Auftrag H4CBD Destillat

Eingangsdatum 04.05.2023
Beginn der Prüfung 04.05.2023
Ende der Prüfung 09.05.2023

Probennummer: B2318000

Probenbeschreibung
Überbringungsart: Bote
1 Glasbehälter

H4CBD Destillat Batch: D0610038;

Chemische Untersuchung

Nickel (Ni)

ICP-MS; VE00007199

Ni **<0,1** mg/kg 1

Arsen (As)

EN 15763 (2009-12); ICP-MS; VE00003803

As **<0,01** mg/kg

Erweiterte Messunsicherheit: 20 %

Blei (Pb)

EN 15763 (2009-12); ICP-MS; VE00003804

Pb **<0,01** mg/kg

Erweiterte Messunsicherheit: 20 %

Cadmium (Cd)

EN 15763 (2009-12); ICP-MS; VE00003805

Cd **<0,01** mg/kg

Erweiterte Messunsicherheit: 20 %

Quecksilber (Hg)

EN 15763 (2009-12); ICP-MS; VE00003806

Hg **<0,01** mg/kg

Erweiterte Messunsicherheit: 20 %

Seite 1 von 5 zu UEB23181000002



LVA GmbH, Magdeburggasse 10, 3400 Kio
Erste Bank: IBAN AT17 2011 1294 6947 4410 | BIC GIBAAT



Digitally signed by Monika Locker-Hermes
Date: 2023.05.09 19:04:14 MESZ
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1 3236 7000 0030 9351 | BIC RLNWATWW367
DVR: 0722651 | UID Nr. ATU 57127399 | FNr. 236286f | Landesgericht Korneuburg

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für die Prüfstelle der/die Zeichnungsberechtigte

Mag. Monika Locker-Hermes

Mag. Monika Locker-Hermes

KundenbetreuerIn: Helene Sützl +43 2243/26622/4207, email: helene.suetzl@lva.at

Kommentare:

1 nicht akkreditiert

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