

Prepared for:


**CBDCLINIC Level 4 Pain Relief Ointment**
**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>V0221300</b>	Test: <b>Potency</b>	Reported: <b>11/4/21</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000172918	Started: 10/29/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 11/01/2021 @ 11:33 AM	Sampler ID: N/A

**CANNABINOID PROFILE**

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.013	0.043	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.015	0.048	ND	ND	
Cannabidiolic acid (CBDA)	0.016	0.053	ND	ND	
Cannabidiol (CBD)	0.016	0.051	0.659	6.59	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.016	0.053	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.031	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.013	0.045	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.038	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	0.011	0.11	
Cannabidivarinic Acid (CBDVA)	0.007	0.022	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.017	ND	ND	
Cannabichromene (CBC)	0.006	0.019	ND	ND	
<b>Total Cannabinoids</b>			<b>0.670</b>	<b>6.70</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.659	6.59	


 Karen Winternheimer  
 04-Nov-2021  
 01:21 PM


 Ryan Weems  
 4-Nov-21  
 1:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

## CBDCLINIC Level 4 Pain Relief Ointment

**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>V0221300</b>	Test: <b>Potency</b>	Reported: <b>11/4/21</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000172916	Started: 10/29/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 11/01/2021 @ 11:33 AM	Sampler ID: N/A
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## CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.014	0.046	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.015	0.052	ND	ND	
Cannabidiolic acid (CBDA)	0.017	0.056	ND	ND	
Cannabidiol (CBD)	0.017	0.055	0.651	6.51	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.057	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.014	0.048	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.023	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.020	ND	ND	
<b>Total Cannabinoids</b>			<b>0.651</b>	<b>6.51</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.651	6.51	

 Karen Winternheimer  
04-Nov-2021  
01:21 PM

 Ryan Weems  
4-Nov-21  
1:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

### Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and

Total CBD = CBD + (CBDA \*(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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Certificate #4329.02

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**CBDCLINIC Level 4 Pain Relief Ointment**
**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>V0221300</b>	Test: <b>Potency</b>	Reported: <b>11/4/21</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000172917	Started: 10/29/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 11/01/2021 @ 11:33 AM	Sampler ID: N/A
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**CANNABINOID PROFILE**

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.013	0.042	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.014	0.047	ND	ND	
Cannabidiolic acid (CBDA)	0.016	0.052	ND	ND	
Cannabidiol (CBD)	0.015	0.050	0.654	6.54	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.016	0.052	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.030	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.013	0.044	ND	ND	
Cannabigerol (CBG)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.037	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.022	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.017	ND	ND	
Cannabichromene (CBC)	0.006	0.018	ND	ND	
<b>Total Cannabinoids</b>			<b>0.654</b>	<b>6.54</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.654	6.54	


 Karen Winternheimer  
 04-Nov-2021  
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$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 21-012837/D004.R000  
**Report Date:** 11/08/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/01/21 09:51

**Customer:** Charlotte's Web  
**Product identity:** V0221300  
**Client/Metric ID:** CBDCLINIC Level 4 Pain Relief Ointment  
**Laboratory ID:** 21-012837-0002

### Summary

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**Terpenes:**

Analyte	Percent by weight	Analyte	Percent by weight
Menthol	6.88	(±)-Camphor	4.86

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 503-254-1794



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**Report Date:** 11/08/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/01/21 09:51

**Customer:** Charlotte's Web  
**Product identity:** V0221300  
**Client/Metric ID:** CBDCLINIC Level 4 Pain Relief Ointment  
**Sample Date:**  
**Laboratory ID:** 21-012837-0002  
**Evidence of Cooling:** No  
**Temp:** 19.4 °C  
**Relinquished by:** UPS

### Sample Results

Terpenes	Method J AOAC 2015 V98-6		Units %	Batch 2109943	Analyze 11/03/21 08:10 AM
Analyte	Result	LOQ	Analyte	Result	LOQ
Menthol	6.88	0.189	(±)-Camphor	4.86	0.189



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These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

**Units of Measure**

% = Percentage of sample

% wt =  $\mu\text{g/g}$  divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794

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Report Date: 11/08/2021  
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Received: 11/01/21 09:51



**Hemp / Cannabis Usable / Extract  
Chain of Custody Record**

Revision: 3.01 Controll#: CF023 Rev 02/26/2020 Eff: 02/27/2020  
ORELAP ID: OR100028

**PRICING AND CHARGES**

Prices to be charged for work performed for CUSTOMER are those currently published in the Columbia Laboratories (herein referred to as "the LAB". Standard pricing applies unless otherwise agreed in writing by the CUSTOMER and the LAB. CUSTOMER must notify the LAB of price quotation at the time of the transfer of sample(s) to the LAB. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent. New accounts are accepted with full payment in advance by cash, check, Visa or Mastercard. A credit line may be established with an approved credit application.

**DELIVERY AND LIABILITY LIMITATIONS**

The specific format of the goods will be defined by CUSTOMER to the LAB upon delivery of the sample(s) to the LAB. The LAB will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the Quality Assurance Plan (QAP). Samples are retained for 30 days after receipt. If additional time is desired, then a written request is required, and an additional monthly fee will apply.

**CONFIDENTIALITY**

The LAB will treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

**LIMITATION OF LIABILITY AND WARRANTY**

The LAB gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of the LAB to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

**PAST DUE ACCOUNTS**

Credit line accounts are payable within 30 days. Accounts that are 60 days past due will incur 1 1/2% per month on all past due sums until paid in full and will automatically default to cash on delivery (COD). Reports will not be released unless payment on past and current invoices are received. Customer agrees to pay the interest as a service charge and all the LAB's collection costs, including reasonable attorney fees.

**EXPERT TESTIMONY AND COURT APPEARANCES**

In the event CUSTOMER requires the further written opinion or testimony of any employee of the LAB, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by the LAB.

**ALTERNATIVE DISPUTE RESOLUTION (ADR)**

Any disputes arising out of this Agreement or the analytical testing or reporting by the LAB shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

**APPLICABLE LAW**

Legal matters arising from work performed by the LAB for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon. When sending, transferring, or submitting samples, the CUSTOMER assumes full responsibility for complying with all applicable state and federal laws

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this CDC. By signing "Relinquished by" you are agreeing to these terms  
12423 NE Whitaker Way  
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452  
info@columbialaboratories.com

Page \_\_\_\_\_ of \_\_\_\_\_  
www.columbialaboratories.com



12423 NE Whitaker Way  
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**Report Number:** 21-012837/D004.R000  
**Report Date:** 11/08/2021  
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**Purchase Order:**  
**Received:** 11/01/21 09:51

Revision Document D  
Legacy D Effective

**Terpenes Quality Control Results**

Method Reference EPA 5035				Batch ID 2 09925					
Method Blank				Laboratory Control Sample					
Analyte	Result	LOQ	Notes	Result	LCS	Units	LCS % Rec	Limits	Notes
a-pinene	< OQ	< 200		578	500	µg/g	116%	70 - 30	
Camphene	< OQ	< 200		572	500	µg/g	114%	70 - 30	
Sabinene	< OQ	< 200		562	500	µg/g	112%	70 - 30	
b-Pinene	< OQ	< 200		642	500	µg/g	128%	70 - 30	
b-Myrcene	< OQ	< 200		506	500	µg/g	101%	70 - 30	
a-phellandrene	< OQ	< 200		422	500	µg/g	84%	70 - 30	
d-3-Carene	< OQ	< 200		568	500	µg/g	114%	70 - 30	
a-Terpinene	< OQ	< 200		520	500	µg/g	104%	70 - 30	
p-Cymene	< OQ	< 200		5 4	500	µg/g	103%	70 - 30	
D- imonene	< OQ	< 200		537	500	µg/g	107%	70 - 30	
ucalyp ol	< OQ	< 200		588	500	µg/g	118%	70 - 30	
b-cis-Ocimene	< OQ	< 67		54	67	µg/g	93%	70 - 30	
b- rans-Ocimene	< OQ	< 33		334	333	µg/g	100%	70 - 30	
g-Terpinene	< OQ	< 200		575	500	µg/g	115%	70 - 30	
Sabinene Hydra e	< OQ	< 200		569	500	µg/g	114%	70 - 30	
Terpinolene	< OQ	< 200		532	500	µg/g	106%	70 - 30	
D- enchone	< OQ	< 200		6 7	500	µg/g	123%	70 - 30	
inalool	< OQ	< 200		538	500	µg/g	108%	70 - 30	
enchol	< OQ	< 200		596	500	µg/g	119%	70 - 30	
Camphor	< OQ	< 200		534	500	µg/g	107%	70 - 30	
sopulego	< OQ	< 200		562	500	µg/g	112%	70 - 30	
soborneol	< OQ	< 200		557	500	µg/g	111%	70 - 30	
Borneol	< OQ	< 200		6 9	500	µg/g	124%	70 - 30	
D -Men hol	< OQ	< 200		550	500	µg/g	110%	70 - 30	
Terpineol	< OQ	< 200		58	500	µg/g	116%	70 - 30	
Nerol	< OQ	< 200		464	500	µg/g	93%	70 - 30	
Pulegone	< OQ	< 200		579	500	µg/g	116%	70 - 30	
Geraniol	< OQ	< 200		496	500	µg/g	99%	70 - 30	
Geranyl Ace a e	< OQ	< 200		502	500	µg/g	100%	70 - 30	
a-Cedrene	< OQ	< 200		60	500	µg/g	120%	70 - 30	
b-Caryophyllene	< OQ	< 200		48	500	µg/g	96%	70 - 30	
a-Humulene	< OQ	< 200		6 0	500	µg/g	122%	70 - 30	
Valenene	< OQ	< 200		47	500	µg/g	94%	70 - 30	
cis-Nerolidol	< OQ	< 200		489	500	µg/g	98%	70 - 30	
a- arnesene	< OQ	< 200		594	500	µg/g	119%	70 - 30	
rans-Nerolidol	< OQ	< 200		590	500	µg/g	118%	70 - 30	
Caryophyllene Oxide	< OQ	< 200		570	500	µg/g	114%	70 - 30	
Guaiol	< OQ	< 200		627	500	µg/g	125%	70 - 30	
Cedrol	< OQ	< 200		548	500	µg/g	110%	70 - 30	
a-Bisabolol	< OQ	< 200		539	500	µg/g	108%	70 - 30	

Definitions

LOQ Limit of Quantitation  
LCS Laboratory Control Sample  
% REC Percent Recovery





12423 NE Whitaker Way  
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 503-254-1794



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**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/01/21 09:51

Revision Document D  
 Legacy D Effective

**Terpenes Quality Control Results**

Method Reference EPA 5035		Batch ID 2 09925					
Sample/Sample Duplicate		Sample ID 21-012782-0001					
Analyte	Result	Org. Result	LOQ	Units	% RPD	LIMIT	Notes
a-pinene	728	703	9	µg/g	3%	< 20	
Camphene	< OQ	< OQ	9	µg/g	0%	< 20	
Sabinene	< OQ	< OQ	9	µg/g	0%	< 20	
b-Pinene	360	330	9	µg/g	2%	< 20	
b-Myrcene	4800	4600	9	µg/g	1%	< 20	
a-phellandrene	< OQ	< OQ	9	µg/g	0%	< 20	
d-3-Carene	< OQ	< OQ	9	µg/g	0%	< 20	
a-Terpinene	< OQ	< OQ	9	µg/g	0%	< 20	
p-Cymene	< OQ	< OQ	9	µg/g	0%	< 20	
D- imonene	0 00	0000	9	µg/g	1%	< 20	
ucalyptol	< OQ	< OQ	9	µg/g	0%	< 20	
b-cis-Ocimene	< OQ	< OQ	63.8	µg/g	0%	< 20	
b- trans-Ocimene	49	65	28	µg/g	10%	< 20	
g-Terpinene	< OQ	< OQ	9	µg/g	0%	< 20	
Sabinene Hydra e	< OQ	< OQ	9	µg/g	0%	< 20	
Terpinolene	453	448	9	µg/g	1%	< 20	
D- enchone	< OQ	< OQ	9	µg/g	0%	< 20	
inalool	2300	2270	9	µg/g	1%	< 20	
enchol	6 6	622	9	µg/g	1%	< 20	
Camphor	< OQ	< OQ	9	µg/g	0%	< 20	
sopulego	< OQ	< OQ	9	µg/g	0%	< 20	
soborneol	< OQ	< OQ	9	µg/g	0%	< 20	
Borneol	< OQ	< OQ	9	µg/g	0%	< 20	
D -Men hol	< OQ	< OQ	9	µg/g	0%	< 20	
Terpineol	5 0	529	9	µg/g	4%	< 20	
Nerol	< OQ	< OQ	9	µg/g	0%	< 20	
Pulegone	< OQ	< OQ	9	µg/g	0%	< 20	
Geraniol	< OQ	< OQ	9	µg/g	0%	< 20	
Geranyl Ace a e	< OQ	< OQ	9	µg/g	0%	< 20	
a-Cedrene	< OQ	< OQ	9	µg/g	0%	< 20	
b-Caryophyllene	44600	44500	9	µg/g	0%	< 20	
a-Humulene	7800	7700	9	µg/g	1%	< 20	
Valenene	< OQ	< OQ	9	µg/g	0%	< 20	
cis-Nerolidol	< OQ	< OQ	9	µg/g	0%	< 20	
a- arnesene	34 00	34000	9	µg/g	0%	< 20	
rans-Nerolidol	020	0 0	9	µg/g	1%	< 20	
Caryophyllene Oxide	080	00	9	µg/g	2%	< 20	
Guaiol	3690	37 0	9	µg/g	1%	< 20	
Cedrol	< OQ	< OQ	9	µg/g	0%	< 20	
a-Bisabolol	3500	3500	9	µg/g	0%	< 20	

Definitions

RPD Relative Percent Difference



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Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>V0221300</b>	<b>Eurofins Sample:</b>	<b>11097027</b>
<b>Project ID</b>	CHARLO_WEB-20211028-0359	<b>Receipt Date</b>	01-Nov-2021
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	28-Oct-2021
<b>Description</b>	CBDCLINIC Level 4 Pain Relief Ointment	<b>Date Started</b>	01-Nov-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	18706-163D69A0

Analysis	Result
<b>Viscosity *</b>	
Viscosity	88700 cP
Temperature, Spindle, Speed	25.0 C, T-D, 5 rpm
<b>Elements by ICP Mass Spectrometry</b>	
Arsenic	<100 ppb
Cadmium	<50.0 ppb
Lead	<50.0 ppb
Mercury	<50.0 ppb
<b>Glyphosate and AMPA</b>	
Glyphosate	<100 ng/g
AMPA	<100 ng/g

Analysis	Limit	Result	Pass/Fail
<b>Mycotoxins in Raw Materials</b>			
Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
<b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices</b>			
<b>Category I Residual Solvent or Processing Chemical</b>			
1,2-Dichloroethane	1.0 ppm	<1.0 ppm	Pass
Benzene	1.0 ppm	<1.0 ppm	Pass
Chloroform	1.0 ppm	<1.0 ppm	Pass
Ethylene Oxide	25.0 ppm	<25.0 ppm	Pass
Methylene Chloride	1.0 ppm	<1.0 ppm	Pass
Trichloroethylene	1.0 ppm	<1.0 ppm	Pass
The BCC limit of 1 ppm for Ethylene Oxide is not achieved by this method. Reporting limit of 25 ppm is the limit recommended by the AOAC CASP.		-	
<b>Category II Residual Solvent or Processing Chemical</b>			

\* This analysis or component is not ISO accredited.

## Certificate of Analysis

### Charlotte's Web, Inc

700 Tech Court  
Loui ville Colorado 80027

<b>Sample Name:</b>	<b>V0221300</b>	<b>Eurofins Sample:</b>	<b>11097027</b>
<b>Project ID</b>	CHARLO_WEB-20211028-0359	<b>Receipt Date</b>	01-Nov-2021
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	28-Oct-2021
<b>Description</b>	CBDCLINIC Level 4 Pain Relief Ointment	<b>Date Started</b>	01-Nov-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	18706-163D69A0

Analysis	Limit	Result	Pass/Fail
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#### BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices

Isopropal Alcohol	5000 ppm	<500 ppm	Pass
Acetone	5000 ppm	<200 ppm	Pass
Acetonitrile	410 ppm	<200 ppm	Pass
Ethanol	5000 ppm	<1000 ppm	Pass
Ethyl Acetate	5000 ppm	<500 ppm	Pass
Ethyl Ether	5000 ppm	<500 ppm	Pass
Methanol	3000 ppm	<500 ppm	Pass
Butane	5000 ppm	<500 ppm	Pass
Heptane	5000 ppm	<50.0 ppm	Pass
Hexane	290 ppm	<30.0 ppm	Pass
Pentane	5000 ppm	<25.0 ppm	Pass
Propane	5000 ppm	<1000 ppm	Pass
Toluene	890 ppm	<90.0 ppm	Pass
Xylenes (ortho-, meta-, para-)	2170 ppm	<160 ppm	Pass

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

#### Multi-Residue Analysis for hemp products - BCC Pesticide List

Abamectin	0.3 mg/kg	<0.30 mg/kg	Pass
Acephate	5 mg/kg	<0.10 mg/kg	Pass
Acequinocyl	4 mg/kg	<1.0 mg/kg	Pass
Acetamiprid	5 mg/kg	<0.10 mg/kg	Pass
Aldicarb	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfone (Aldoxycarb)	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin	40 mg/kg	<0.10 mg/kg	Pass
Bifenazate	5 mg/kg	<0.10 mg/kg	Pass
Bifenthrin	0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	10 mg/kg	<0.10 mg/kg	Pass
Captan	5 mg/kg	<0.20 mg/kg	Pass

\* This analysis or component is not ISO accredited.

## Certificate of Analysis

Charlotte's Web, Inc

700 Tech Court  
Loui ville Colorado 80027

<b>Sample Name:</b>	<b>V0221300</b>	<b>Eurofins Sample:</b>	<b>11097027</b>
<b>Project ID</b>	CHARLO_WEB-20211028-0359	<b>Receipt Date</b>	01-Nov-2021
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	28-Oct-2021
<b>Description</b>	CBDCLINIC Level 4 Pain Relief Ointment	<b>Date Started</b>	01-Nov-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	18706-163D69A0

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran	0.1 mg/kg	<0.10 mg/kg	Pass
Carbofuran-3-hydroxy-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorantraniliprole	40 mg/kg	<0.10 mg/kg	Pass
Chlordane, cis-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlordane, trans-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorfenapyr	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorpyrifos	0.1 mg/kg	<0.10 mg/kg	Pass
Clofentezine	0.5 mg/kg	<0.10 mg/kg	Pass
Coumaphos	0.1 mg/kg	<0.10 mg/kg	Pass
Cyfluthrin	1 mg/kg	<0.10 mg/kg	Pass
Cypermethrin	1 mg/kg	<0.10 mg/kg	Pass
Diazinon	0.2 mg/kg	<0.10 mg/kg	Pass
Dichlorvos	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethoate	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethomorph	20 mg/kg	<0.10 mg/kg	Pass
Ethoprophos	0.1 mg/kg	<0.10 mg/kg	Pass
Etofenprox	0.1 mg/kg	<0.10 mg/kg	Pass
Etoxazole	1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb	0.1 mg/kg	<0.10 mg/kg	Pass
Fenpyroximate	2 mg/kg	<0.10 mg/kg	Pass
Fipronil	0.1 mg/kg	<0.10 mg/kg	Pass
Fipronil desulfinyl	0.1 mg/kg	<0.10 mg/kg	Pass
Fipronil sulfone	0.1 mg/kg	<0.10 mg/kg	Pass
Fonicamid	2 mg/kg	<0.10 mg/kg	Pass
Fludioxonil	30 mg/kg	<0.10 mg/kg	Pass
Hexythiazox	2 mg/kg	<0.10 mg/kg	Pass
Imazalil	0.1 mg/kg	<0.10 mg/kg	Pass
Imidacloprid	3 mg/kg	<0.10 mg/kg	Pass
Kresoxim-methyl	1 mg/kg	<0.10 mg/kg	Pass

\* This analysis or component is not ISO accredited.

## Certificate of Analysis

### Charlotte's Web, Inc

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Louisville Colorado 80027

<b>Sample Name:</b>	<b>V0221300</b>	<b>Eurofins Sample:</b>	<b>11097027</b>
<b>Project ID</b>	CHARLO_WEB-20211028-0359	<b>Receipt Date</b>	01-Nov-2021
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	28-Oct-2021
<b>Description</b>	CBDCLINIC Level 4 Pain Relief Ointment	<b>Date Started</b>	01-Nov-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	18706-163D69A0

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
Malathion	5 mg/kg	<0.10 mg/kg	Pass
Metalaxyl	15 mg/kg	<0.10 mg/kg	Pass
Methiocarb	0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfone	0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl	0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos	0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil	9 mg/kg	<0.10 mg/kg	Pass
Naled	0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl	0.2 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol	0.1 mg/kg	<0.10 mg/kg	Pass
Methyl parathion	0.1 mg/kg	<0.10 mg/kg	Pass
Pentachloroaniline	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzene	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzonitrile	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorothioanisole	0.2 mg/kg	<0.10 mg/kg	Pass
Permethrin	20 mg/kg	<0.10 mg/kg	Pass
Phosmet	0.2 mg/kg	<0.10 mg/kg	Pass
Piperonylbutoxide	8 mg/kg	<0.10 mg/kg	Pass
Prallethrin	0.4 mg/kg	<0.10 mg/kg	Pass
Propiconazole (sum of isomers)	20 mg/kg	<0.10 mg/kg	Pass
Propoxur	0.1 mg/kg	<0.10 mg/kg	Pass
Pyrethrins	1 mg/kg	<1.0 mg/kg	Pass
Pyridaben	3 mg/kg	<0.10 mg/kg	Pass
Pentachloronitrobenzene	0.2 mg/kg	<0.10 mg/kg	Pass
Spinetoram	3 mg/kg	<0.10 mg/kg	Pass
Spinosad	3 mg/kg	<0.10 mg/kg	Pass
Spiromesifen	12 mg/kg	<0.10 mg/kg	Pass
Spirotetramat	13 mg/kg	<0.10 mg/kg	Pass
Spiroxamine	0.1 mg/kg	<0.10 mg/kg	Pass

\* This analysis or component is not ISO accredited.

## Certificate of Analysis

### Charlotte's Web, Inc

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Louisville Colorado 80027

<b>Sample Name:</b>	<b>V0221300</b>	<b>Eurofins Sample:</b>	<b>11097027</b>
<b>Project ID</b>	CHARLO_WEB-20211028-0359	<b>Receipt Date</b>	01-Nov-2021
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	28-Oct-2021
<b>Description</b>	CBDCLINIC Level 4 Pain Relief Ointment	<b>Date Started</b>	01-Nov-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	18706-163D69A0

Analysis	Limit	Result	Pass/Fail
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#### Multi-Residue Analysis for hemp products - BCC Pesticide List

Tebuconazole	2 mg/kg	<0.10 mg/kg	Pass
Thiacloprid	0.1 mg/kg	<0.10 mg/kg	Pass
Thiamethoxam	4.5 mg/kg	<0.10 mg/kg	Pass
Trifloxystrobin	30 mg/kg	<0.10 mg/kg	Pass

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

#### Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside

Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid	10 mg/kg	<0.10 mg/kg	Pass

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

#### Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound list)

Metolachlor		<0.10 mg/kg	
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### Method References

### Testing Location

#### BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN\_SOL\_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

#### Elements by ICP Mass Spectrometry (ICP\_MS\_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).  
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

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## Certificate of Analysis

Charlotte's Web, Inc.

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Method References	Testing Location
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**Glyphosate and AMPA (GLY\_AMPA\_S)**

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".

**Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST\_HEMP)**

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

*Official Methods of Analysis, AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

*CEN Standard Method EN 15662*: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

**Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST\_HEMP)**

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

*Official Methods of Analysis, AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

*CEN Standard Method EN 15662*: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

**Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound list) (PEST\_HEMP)**

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

*Official Methods of Analysis, AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

*CEN Standard Method EN 15662*: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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## Certificate of Analysis

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### Method References

### Testing Location

#### Mycotoxins in Raw Materials (MYCO\_REG\_S)

#### Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

#### Viscosity (VSCT\_S)

#### Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

EPA Product Properties Test Guidelines, OPPTS 830.7100, Viscosity (1996).  
United States Pharmacopeia, 40th Rev., <912>, USP Convention. Rockville, Maryland (2016).  
Client Supplied Method

### Testing Location(s)

### Released on Behalf of Eurofins by

#### Food Integrity Innovation-Madison

#### Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.  
6304 Ronald Reagan Ave  
Madison WI 53704  
800-675-8375



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 Breanna Lash  
 700 Tech Ct  
 Louisville, CO 80026

## ANALYTICAL REPORT

AR-21-EI-022261-01

**Client Code:** EI0000236  
**PO#:** PO110633 QC 325

**Received On:** 01Dec2021  
**Reported On:** 06Dec2021

<b>Eurofins Sample Code:</b> 397-2021-12010095	<b>Sample Registration Date:</b> 01Dec2021
<b>Client Sample Code:</b> V0221300 - B	<b>Condition Upon Receipt:</b> acceptable, 22.8°C
<b>Sample Description:</b> CBDCLINIC Level 4 Pain Relief Ointment	
<b>Sample Reference:</b>	

<b>UM4BV - Yeast - FDA BAM Chapter 18 mod.</b>	<b>Reference</b> FDA BAM Chapter 18 mod.	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 06Dec2021
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<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g
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<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g
----------------------------	-----------------------------

<b>UM73J - Total Coliforms - AOAC 991.14</b>	<b>Reference</b> AOAC 991.14	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
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<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g
-------------------------------	-----------------------------

<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g
--------------------------------------	-----------------------------

<b>UMDTC - Salmonella spp. - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 02Dec2021
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<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g
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<b>UMHBM - Staphylococcus aureus - BAM Chapter 12</b>	<b>Reference</b> BAM Chapter 12	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
---	------------------------------------	--	-------------------------------

<b>Parameter</b> Staphylococcus aureus	<b>Result</b> < 10 cfu/g
---	-----------------------------

Breanna Lash  
700 Tech Ct  
Louisville, CO 80026

# ANALYTICAL REPORT

AR-21-EI-022261-01

Received On: 01Dec2021

Reported On: 06Dec2021

**Eurofins Sample Code:** 397-2021-12010095

**Sample Registration Date:** 01Dec2021

**Client Sample Code:** V0221300 - B

**Condition Upon Receipt:** acceptable, 22.8°C

**Sample Description:** CBDCLINIC Level 4 Pain Relief Ointment **Sample Reference:**

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 03Dec2021
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

UMQDX - Listeria spp. - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 02Dec2021
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Parameter	Result
Listeria Species	Not Detected per 25 g

ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 06Dec2021	Sub 1
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Parameter	Result
Pseudomonas aeruginosa	Not Detected per 10 g

**Subcontracting partners:**

1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Brent Bednarek  
Laboratory Supervisor

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**ANALYTICAL REPORT**

AR-21-EI-022262-01

**Client Code:** EI0000236  
**PO#:** PO110633 QC 325

**Received On:** 01Dec2021  
**Reported On:** 06Dec2021

<b>Eurofins Sample Code:</b> 397-2021-12010096		<b>Sample Registration Date:</b> 01Dec2021	
<b>Client Sample Code:</b> V0221300 - M		<b>Condition Upon Receipt:</b> acceptable, 22.8°C	
<b>Sample Description:</b> CBDCLINIC Level 4 Pain Relief Ointment			
<b>Sample Reference:</b>			
<b>UM4BV - Yeast - FDA BAM Chapter 18 mod.</b>	<b>Reference</b> FDA BAM Chapter 18 mod.	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 06Dec2021
<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g		
<b>UM73J - Total Coliforms - AOAC 991.14</b>	<b>Reference</b> AOAC 991.14	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g		
<b>UMDTC - Salmonella spp. - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 02Dec2021
<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g		
<b>UMHBM - Staphylococcus aureus - BAM Chapter 12</b>	<b>Reference</b> BAM Chapter 12	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
<b>Parameter</b> Staphylococcus aureus	<b>Result</b> < 10 cfu/g		

# ANALYTICAL REPORT

AR-21-EI-022262-01

**Eurofins Sample Code:** 397-2021-12010096

**Sample Registration Date:** 01Dec2021

**Client Sample Code:** V0221300 - M

**Condition Upon Receipt:** acceptable, 22.8°C

**Sample Description:** CBDCLINIC Level 4 Pain Relief Ointment **Sample Reference:**

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 03Dec2021
---	--------------------------	---	------------------------

Parameter Aerobic Plate Count	Result < 10 cfu/g
----------------------------------	----------------------

UMQDX - Listeria spp. - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 02Dec2021
--	-----------------------------	---	------------------------

Parameter Listeria Species	Result Not Detected per 25 g
-------------------------------	---------------------------------

ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 06Dec2021	Sub 1
---	-----------------------	------------------------	----------

Parameter Pseudomonas aeruginosa	Result Not Detected per 10 g
-------------------------------------	---------------------------------

**Subcontracting partners:**

- 1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Brent Bednarek  
Laboratory Supervisor

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## ANALYTICAL REPORT

AR-21-EI-022263-01

**Client Code:** EI0000236  
**PO#:** PO110633 QC 325

**Received On:** 01Dec2021  
**Reported On:** 06Dec2021

<b>Eurofins Sample Code:</b> 397-2021-12010097	<b>Sample Registration Date:</b> 01Dec2021
<b>Client Sample Code:</b> V0221300 - E	<b>Condition Upon Receipt:</b> acceptable, 22.8°C

**Sample Description:** CBDCLINIC Level 4 Pain Relief Ointment **Sample Reference:**

<b>UM4BV - Yeast - FDA BAM Chapter 18 mod.</b>	<b>Reference</b> FDA BAM Chapter 18 mod.	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 06Dec2021
--	---	--	-------------------------------

<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g
---------------------------	-----------------------------

<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g
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<b>UM73J - Total Coliforms - AOAC 991.14</b>	<b>Reference</b> AOAC 991.14	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
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<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g
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<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g
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<b>UMDTC - Salmonella spp. - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 02Dec2021
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<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g
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<b>UMHBM - Staphylococcus aureus - BAM Chapter 12</b>	<b>Reference</b> BAM Chapter 12	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 03Dec2021
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<b>Parameter</b> Staphylococcus aureus	<b>Result</b> < 10 cfu/g
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# ANALYTICAL REPORT

AR-21-EI-022263-01

**Eurofins Sample Code:** 397-2021-12010097

**Sample Registration Date:** 01Dec2021

**Client Sample Code:** V0221300 - E

**Condition Upon Receipt:** acceptable, 22.8°C

**Sample Description:** CBDCLINIC Level 4 Pain Relief Ointment **Sample Reference:**

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 03Dec2021
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

UMQDX - Listeria spp. - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 02Dec2021
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Parameter	Result
Listeria Species	Not Detected per 25 g

ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 06Dec2021	Sub 1
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Parameter	Result
Pseudomonas aeruginosa	Not Detected per 10 g

**Subcontracting partners:**

1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Brent Bednarek  
Laboratory Supervisor

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: [www.eurofinsus.com/terms\\_and\\_conditions.pdf](http://www.eurofinsus.com/terms_and_conditions.pdf) | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.