


Prepared for:

**Relief Cream 2.5oz**
**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>22031420-1</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>7/13/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Finished Product	Test ID: T000211551	Started: 6/24/22	USDA License: N/A
Status: Active	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 06/23/2022 @ 02:47 PM	Sampler ID: N/A

**MICROBIAL CONTAMINANTS DETERMINATION**

Contaminant	Method	LOD	QUANTITATION RANGE	Result	Notes
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	2.0x10 <sup>3</sup> - 3.0x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>1</sup> CFU/g	2.0x10 <sup>2</sup> - 3.0x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>1</sup> CFU/g	2.0x10 <sup>2</sup> - 3.0x10 <sup>4</sup> CFU/g	None Detected	
<b>STEC</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	N/A	Absent	Amendment to report T000211551 for batch ID correction. SCH 13Jul2022
<b>Salmonella</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	N/A	Absent	


 Sarah Henning  
 7/13/2022  
 2:28:00 PM

PREPARED BY / DATE


 Carly Bader  
 7/13/2022  
 3:02:00 PM

APPROVED BY / DATE

**Definitions**

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

 Examples:  
 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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:

**CWB HOLDINGS, INC**

### Relief Cream


Batch ID or Lot Number: <b>P2203-000001422</b>	Test: <b>Potency</b>	Reported: <b>7/15/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000209598	Started: 6/10/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 06/09/2022 @ 11:50 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)	0.003	0.009	ND	ND	Amendment to 13June2022 report T000209598 due to incorrect sample name in original COA. Sample name corrected.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.010	0.024	0.24	
Cannabidiolic acid (CBDA)	0.022	0.062	ND	ND	
Cannabidiol (CBD)	0.021	0.061	1.429	14.29	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.022	0.067	ND	ND	
Cannabinolic Acid (CBNA)	0.013	0.039	ND	ND	
Cannabinol (CBN)	0.006	0.018	<LOQ	0.08	
Cannabigerolic acid (CBGA)	0.019	0.057	ND	ND	
Cannabigerol (CBG)	0.004	0.014	0.016	0.16	
Tetrahydrocannabivarinic Acid (THCVA)	0.016	0.048	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.009	0.026	ND	ND	Total THC per container (50g) is 12.0mg
Cannabidivarin (CBDV)	0.005	0.014	<LOQ	0.06	
Cannabichromenic Acid (CBCA)	0.007	0.022	ND	ND	
Cannabichromene (CBC)	0.008	0.024	0.050	0.50	
<b>Total Cannabinoids</b>			<b>1.533</b>	<b>15.33</b>	
Total Potential THC**			0.024	0.24	
Total Potential CBD**			1.429	14.29	

  
Daniel Weidensaul  
15-Jul-22  
2:09 PM

  
Jacob Miller  
15-Jul-22  
2:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

### Definitions

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

\*\* 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

Prepared for:

**CWB HOLDINGS, INC**
**Relief Cream**


Batch ID or Lot Number: <b>P2203-000001422</b>	Test: <b>Potency</b>	Reported: <b>7/15/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000209599	Started: 6/10/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 06/09/2022 @ 11:50 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)	0.002	0.007	ND	ND	Amendment to 13June2022 report T000209599 due to incorrect sample name in original COA. Sample name corrected.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.024	0.24	
Cannabidiolic acid (CBDA)	0.017	0.049	ND	ND	
Cannabidiol (CBD)	0.016	0.048	1.410	14.10	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.053	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.030	ND	ND	
Cannabinol (CBN)	0.005	0.014	<LOQ	0.08	
Cannabigerolic acid (CBGA)	0.015	0.044	ND	ND	
Cannabigerol (CBG)	0.003	0.011	0.016	0.16	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.038	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	Total THC per container (50g) is 12.0mg
Cannabidivarinic Acid (CBDVA)	0.007	0.020	ND	ND	
Cannabidivarin (CBDV)	0.004	0.011	<LOQ	0.07	
Cannabichromenic Acid (CBCA)	0.006	0.017	ND	ND	
Cannabichromene (CBC)	0.006	0.019	0.049	0.49	
<b>Total Cannabinoids</b>			<b>1.514</b>	<b>15.14</b>	
Total Potential THC**			0.024	0.24	
Total Potential CBD**			1.410	14.10	

  
 Daniel Weidensaul  
 15-Jul-22  
 2:09 PM

  
 Jacob Miller  
 15-Jul-22  
 2:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

\*\* 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

Prepared for:

**CWB HOLDINGS, INC**
**Relief Cream**


Batch ID or Lot Number: <b>P2203-000001422</b>	Test: <b>Potency</b>	Reported: <b>7/15/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000209600	Started: 6/10/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 06/09/2022 @ 11:50 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)	0.003	0.008	ND	ND	Amendment to 13June2022 report T000209600 due to incorrect sample name in original COA. Sample name corrected.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.025	0.25	
Cannabidiolic acid (CBDA)	0.020	0.057	ND	ND	
Cannabidiol (CBD)	0.019	0.056	1.446	14.46	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.020	0.062	ND	ND	
Cannabinolic Acid (CBNA)	0.012	0.036	ND	ND	
Cannabinol (CBN)	0.005	0.016	<LOQ	0.08	
Cannabigerolic acid (CBGA)	0.017	0.052	ND	ND	
Cannabigerol (CBG)	0.004	0.012	0.017	0.17	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.044	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND	Total THC per container (50g) is 12.5mg
Cannabidivarin (CBDV)	0.005	0.013	<LOQ	0.06	
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND	
Cannabichromene (CBC)	0.007	0.022	0.050	0.50	
<b>Total Cannabinoids</b>			<b>1.552</b>	<b>15.52</b>	
Total Potential THC**			0.025	0.25	
Total Potential CBD**			1.446	14.46	

  
 Daniel Weidensaul  
 15-Jul-22  
 2:09 PM

  
 Jacob Miller  
 15-Jul-22  
 2:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

\*\* 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

Prepared for:

**Relief Cream****CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>P2203-000001422</b>	Test: <b>Mycotoxins</b>	Reported: <b>7/22/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000209602	Started: 6/13/22	USDA License: N/A
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Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 06/09/2022 @ 11:50 AM	Sampler ID: N/A
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**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.6 - 125.3	ND	Amendment to T000209602 issued 14Jun2022 to correct sample name.
Aflatoxin B1	1 - 31.3	ND	
Aflatoxin B2	1 - 31	ND	
Aflatoxin G1	0.9 - 31.4	ND	
Aflatoxin G2	1 - 31.4	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	



Jacob Miller  
22-Jul-22  
12:38 PM

PREPARED BY / DATE



Sam Smith  
22-Jul-22  
12:40 PM

APPROVED BY / DATE

**Definitions**

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.



Certificate #4329.02

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>P2203-000001422</b>	<b>Eurofins Sample:</b>	<b>11825688</b>
<b>Project ID</b>	CHARLO_WEB-20220607-0323	<b>Receipt Date</b>	09-Jun-2022
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	state relief cream MFG: June 1 2022 Expiration: June 1 2024	<b>Login Date</b>	07-Jun-2022
		<b>Date Started</b>	10-Jun-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	2
		<b>Online Order</b>	16434-1761FB6C

Analysis	Result
<b>Glyphosate and AMPA</b>	
Glyphosate	<100 ng/g
AMPA	<100 ng/g

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

##### Category I Residual Solvent or Processing Chemical

Analysis	Limit	Result	Pass/Fail
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.

##### Category II Residual Solvent or Processing Chemical

Analysis	Limit	Result	Pass/Fail
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

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>P2203-000001422</b>	<b>Eurofins Sample:</b>	<b>11825688</b>
<b>Project ID</b>	CHARLO_WEB-20220607-0323	<b>Receipt Date</b>	09-Jun-2022
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	state relief cream MFG: June 1 2022 Expiration: June 1 2024	<b>Login Date</b>	07-Jun-2022
		<b>Date Started</b>	10-Jun-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	2
		<b>Online Order</b>	16434-1761FB6C

Analysis	Limit	Result	Pass/Fail
<b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices</b>			
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.			
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
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
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

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>P2203-000001422</b>	<b>Eurofins Sample:</b>	<b>11825688</b>
<b>Project ID</b>	CHARLO_WEB-20220607-0323	<b>Receipt Date</b>	09-Jun-2022
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	state relief cream MFG: June 1 2022 Expiration: June 1 2024	<b>Login Date</b>	07-Jun-2022
		<b>Date Started</b>	10-Jun-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	2
		<b>Online Order</b>	16434-1761FB6C

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
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 desulfanyl	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
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



## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>P2203-000001422</b>	<b>Eurofins Sample:</b>	<b>11825688</b>
<b>Project ID</b>	CHARLO_WEB-20220607-0323	<b>Receipt Date</b>	09-Jun-2022
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	state relief cream MFG: June 1 2022 Expiration: June 1 2024	<b>Login Date</b>	07-Jun-2022
		<b>Date Started</b>	10-Jun-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	2
		<b>Online Order</b>	16434-1761FB6C

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
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
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

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

<b>Sample Name:</b>	<b>P2203-000001422</b>	<b>Eurofins Sample:</b>	<b>11825688</b>
<b>Project ID</b>	CHARLO_WEB-20220607-0323	<b>Receipt Date</b>	09-Jun-2022
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	state relief cream MFG: June 1 2022 Expiration: June 1 2024	<b>Login Date</b>	07-Jun-2022
		<b>Date Started</b>	10-Jun-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	2
		<b>Online Order</b>	16434-1761FB6C

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	
<b>Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside</b>			
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.		-	
<b>Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound list)</b>			
Metolachlor		<0.10 mg/kg	

Method References	Testing Location
<b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)</b>	<b>Food Integrity Innovation-Madison</b>
Internally Developed Method	6304 Ronald Reagan Ave Madison, WI 53704 USA
<b>Glyphosate and AMPA (GLY_AMP_A_S)</b>	<b>Food Integrity Innovation-Madison</b>
Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".	6304 Ronald Reagan Ave Madison, WI 53704 USA

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

Method References	Testing Location
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**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.

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027

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**Testing Location(s)****Released on Behalf of Eurofins by****Food Integrity Innovation-Madison**

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

Edward Ladwig - President Eurofins Food  
Chemistry Testing Madison



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.


Prepared for:

**Relief Cream**
**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>P2203-000001422</b>	Test: <b>Metals</b>	Reported: <b>7/15/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Unit Co	Test ID: T000209601	Started: 6/14/22	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS); Heavy Metals	Received: 06/09/2022 @ 11:50 AM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
<b>Arsenic</b>	0.046 - 4.58	ND	Amendment to 14June2022 report T000209601 due to incorrect sample name in original COA. Sample name corrected.
<b>Cadmium</b>	0.045 - 4.53	ND	
<b>Mercury</b>	0.044 - 4.43	ND	
<b>Lead</b>	0.047 - 4.66	ND	

  
 Daniel Weidensaul  
 15-Jul-22  
 2:14 PM

PREPARED BY / DATE

  
 Jacob Miller  
 15-Jul-22  
 2:16 PM

APPROVED BY / DATE

**Definitions**

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.



Certificate #4329.02