

Prepared for:

### Calm Gummy Bulk

**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>2201171 - Beginning</b>	Test: <b>Potency</b>	Reported: <b>2/8/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000190377	Started: 2/4/22	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/01/2022 @ 02:03 PM	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	Total THC is 0.4mg per serving (2 gummies). Total THC is 1.2mg per container (6ct). Total THC is 6mg per container (30ct). Total THC is 12mg per container (60ct). Total THC is 18mg per container (90ct).
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.005*	0.05*	
Cannabidiolic acid (CBDA)	0.015	0.052	ND	ND	
Cannabidiol (CBD)	0.014	0.051	0.160	1.60	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.018	0.054	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.031	ND	ND	
Cannabinol (CBN)	0.005	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.015	0.046	ND	ND	
Cannabigerol (CBG)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.022	ND	ND	
Cannabidivarin (CBDV)	0.003	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.019	0.007*	0.07*	
<b>Total Cannabinoids</b>			<b>0.172</b>	<b>1.72</b>	
Total Potential THC**			0.005	0.05	
Total Potential CBD**			0.160	1.60	

 Karen Winternheimer  
08-Feb-2022  
07:19 PM

 Ryan Weems  
8-Feb-22  
7:22 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.



CDPHE Certified



Certificate #4329.02

Prepared for:

### Calm Gummy Bulk

**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>2201171 - Middle</b>	Test: <b>Potency</b>	Reported: <b>2/8/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000190378	Started: 2/4/22	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/01/2022 @ 02:03 PM	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	Total THC is 0.48mg per serving (2 gummies). Total THC is 1.44mg per container (6ct). Total THC is 7.2mg per container (30ct). Total THC is 14.4mg per container (60ct). Total THC is 21.6mg per container (90ct).
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.006*	0.06*	
Cannabidiolic acid (CBDA)	0.015	0.053	ND	ND	
Cannabidiol (CBD)	0.014	0.052	0.167	1.67	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.018	0.055	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.031	ND	ND	
Cannabinol (CBN)	0.005	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.015	0.046	ND	ND	
Cannabigerol (CBG)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.022	ND	ND	
Cannabidivarin (CBDV)	0.003	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.019	0.007*	0.07*	
<b>Total Cannabinoids</b>			<b>0.180</b>	<b>1.80</b>	
Total Potential THC**			0.006	0.06	
Total Potential CBD**			0.167	1.67	

 Karen Winternheimer  
08-Feb-2022  
07:19 PM

 Ryan Weems  
8-Feb-22  
7:22 PM

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### 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.

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CDPHE Certified



Certificate #4329.02

Prepared for:

## Calm Gummy Bulk

**CWB HOLDINGS, INC**


Batch ID or Lot Number: <b>2201171 - End</b>	Test: <b>Potency</b>	Reported: <b>2/8/22</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000190379	Started: 2/4/22	USDA License: N/A
------------------------	------------------------	--------------------	----------------------

Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/01/2022 @ 02:03 PM	Sampler ID: N/A
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## CANNABINOID PROFILE

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Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.006*	0.06*	
Cannabidiolic acid (CBDA)	0.014	0.051	ND	ND	
Cannabidiol (CBD)	0.014	0.049	0.173	1.73	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.017	0.052	ND	ND	
Cannabinolic Acid (CBNA)	0.010	0.030	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.014	0.044	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.037	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.021	ND	ND	
Cannabidivarin (CBDV)	0.003	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.017	ND	ND	
Cannabichromene (CBC)	0.006	0.019	0.007*	0.07*	
<b>Total Cannabinoids</b>			<b>0.186</b>	<b>1.86</b>	
Total Potential THC**			0.006	0.06	
Total Potential CBD**			0.173	1.73	

 Karen Winternheimer  
08-Feb-2022  
07:19 PM

 Ryan Weems  
8-Feb-22  
7:22 PM

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### Definitions

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CDPHE Certified



Certificate #4329.02



# CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-044

SOP: QS-009

Batch Number: 22011717110225

By/Date TND 28 Feb 22

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WEIGHING PROTOCOL

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Balance ID            Q012

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GUMMIES    22011717110225  
28.Feb.2022 16:00  
Weight (1)        4.04003 g

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GUMMIES    22011717110225  
28.Feb.2022 16:01  
Weight (2)        3.73283 g

-----

GUMMIES    22011717110225  
28.Feb.2022 16:01  
Weight (3)        4.04233 g

-----

GUMMIES    22011717110225  
28.Feb.2022 16:02  
Weight (4)        3.73717 g

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GUMMIES    22011717110225  
28.Feb.2022 16:03  
Weight (5)        3.94067 g

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SIGNATURE

*Jana Davis*

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WEIGHING PROTOCOL

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GUMMIES    22011717110225  
28.Feb.2022 16:03  
Weight (1)        4.11086 g

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GUMMIES    22011717110225  
28.Feb.2022 16:04  
Weight (2)        3.83116 g

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GUMMIES    22011717110225  
28.Feb.2022 16:05  
Weight (3)        4.28542 g

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GUMMIES    22011717110225  
28.Feb.2022 16:06  
Weight (4)        3.95961 g

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GUMMIES    22011717110225  
28.Feb.2022 16:06  
Weight (5)        3.74054 g

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SIGNATURE

*Jana Davis*

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TND 28 Feb 22

TND 28 Feb 22

*Avg = 3.942002 ~ 4g/gummy TND 1 Mar 22*

Performed By/Date: TND 28 Feb 22

Reviewed By/Date: MHS 01 Mar 22

Form No.	QS-FM-044
Version No.	0

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>Calm</b>	<b>Eurofins Sample:</b>	<b>11377638</b>
<b>Project ID</b>	CHARLO_WEB-20220125-0059	<b>Receipt Date</b>	26-Jan-2022
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	2201171	<b>Login Date</b>	25-Jan-2022
<b>Description</b>	CW Calm Gummy Bulk	<b>Date Started</b>	26-Jan-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	16433-16B2D760

Analysis	Result
<b>Elements by ICP Mass Spectrometry</b>	
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	11.6 ppb
Mercury	<5.00 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>			
Isopropal Alcohol	5000 ppm	<500 ppm	Pass
Acetone	5000 ppm	<200 ppm	Pass
Acetonitrile	410 ppm	<200 ppm	Pass

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Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>Calm</b>	<b>Eurofins Sample:</b>	<b>11377638</b>
<b>Project ID</b>	CHARLO_WEB-20220125-0059	<b>Receipt Date</b>	26-Jan-2022
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	2201171	<b>Login Date</b>	25-Jan-2022
<b>Description</b>	CW Calm Gummy Bulk	<b>Date Started</b>	26-Jan-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	16433-16B2D760

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

Analysis	Limit	Result	Pass/Fail
Ethanol	5000 ppm	2360 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

Analysis	Limit	Result	Pass/Fail
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

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<b>Project ID</b>	CHARLO_WEB-20220125-0059	<b>Receipt Date</b>	26-Jan-2022
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	2201171	<b>Login Date</b>	25-Jan-2022
<b>Description</b>	CW Calm Gummy Bulk	<b>Date Started</b>	26-Jan-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	16433-16B2D760

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



## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>Calm</b>	<b>Eurofins Sample:</b>	<b>11377638</b>
<b>Project ID</b>	CHARLO_WEB-20220125-0059	<b>Receipt Date</b>	26-Jan-2022
<b>PO Number</b>	PO110845 QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	2201171	<b>Login Date</b>	25-Jan-2022
<b>Description</b>	CW Calm Gummy Bulk	<b>Date Started</b>	26-Jan-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	16433-16B2D760

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b>			
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	<1.0 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



## Certificate of Analysis

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Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>Calm</b>	<b>Eurofins Sample:</b>	<b>11377638</b>
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<b>Lot Number</b>	2201171	<b>Login Date</b>	25-Jan-2022
<b>Description</b>	CW Calm Gummy Bulk	<b>Date Started</b>	26-Jan-2022
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	16433-16B2D760

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

Trifloxystrobin	30 mg/kg	<0.10 mg/kg	Pass
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The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

Prallethrin reporting limit is higher than BCC action level, but EPA tolerance is 1 ppm.

**Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminozide**

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
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**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).

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

### Method References

### Testing Location

#### Glyphosate and AMPA (GLY\_AMP\_A\_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.

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

### 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).

### 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



2918.01

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 CW Hemp - 03  
  
 Stephanie Fitzgerald  
 700 Tech Ct  
 Louisville, CO 80026

**ANALYTICAL REPORT**

AR-22-EI-003642-01

**Client Code:** EI0000159  
**PO#:** PO110633 QC 325

**Received On:** 11Feb2022  
**Reported On:** 16Feb2022

<b>Eurofins Sample Code:</b> 397-2022-02110096		<b>Sample Registration Date:</b> 11Feb2022	
<b>Client Sample Code:</b> 22011717110225B		<b>Condition Upon Receipt:</b> acceptable, 10.5°C	
<b>Sample Description:</b> Calm 30ct		<b>Sample Reference:</b>	
<b>UM5DP - 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> 13Feb2022
<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g		
<b>UMDTC - Salmonella species - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 12Feb2022
<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g		
<b>UMJI2 - 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> 16Feb2022
<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g		
<b>UMMFL - Aerobic Plate Count - AOAC 966.23</b>	<b>Reference</b> AOAC 966.23	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 13Feb2022
<b>Parameter</b> Aerobic Plate Count	<b>Result</b> < 10 cfu/g		

CW Hemp - 03

Stephanie Fitzgerald  
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## ANALYTICAL REPORT

AR-22-EI-003642-01

Client Code: EI0000159  
PO#: PO110633 QC 325

Received On: 11Feb2022  
Reported On: 16Feb2022

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Respectfully Submitted,



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Jordan Shaw  
Business Unit Manager

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Eurofins Microbiology Laboratory (Colorado)

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**ANALYTICAL REPORT**

AR-22-EI-003643-01

**Client Code:** EI0000159  
**PO#:** PO110633 QC 325

**Received On:** 11Feb2022  
**Reported On:** 16Feb2022

<b>Eurofins Sample Code:</b> 397-2022-02110097		<b>Sample Registration Date:</b> 11Feb2022	
<b>Client Sample Code:</b> 22011717110225M		<b>Condition Upon Receipt:</b> acceptable, 10.5°C	
<b>Sample Description:</b> Calm 30ct		<b>Sample Reference:</b>	
<b>UM5DP - 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> 13Feb2022
<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g		
<b>UMDTC - Salmonella species - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 12Feb2022
<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g		
<b>UMJI2 - 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> 16Feb2022
<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g		
<b>UMMFL - Aerobic Plate Count - AOAC 966.23</b>	<b>Reference</b> AOAC 966.23	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 13Feb2022
<b>Parameter</b> Aerobic Plate Count	<b>Result</b> < 10 cfu/g		

CW Hemp - 03

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## ANALYTICAL REPORT

AR-22-EI-003643-01

**Client Code:** EI0000159  
**PO#:** PO110633 QC 325

**Received On:** 11Feb2022  
**Reported On:** 16Feb2022

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Respectfully Submitted,



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Jordan Shaw  
Business Unit Manager

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**ANALYTICAL REPORT**

AR-22-EI-003644-01

**Client Code:** EI0000159  
**PO#:** PO110633 QC 325

**Received On:** 11Feb2022  
**Reported On:** 16Feb2022

<b>Eurofins Sample Code:</b> 397-2022-02110098		<b>Sample Registration Date:</b> 11Feb2022	
<b>Client Sample Code:</b> 22011717110225E		<b>Condition Upon Receipt:</b> acceptable, 10.5°C	
<b>Sample Description:</b> Calm 30ct		<b>Sample Reference:</b>	
<b>UM5DP - 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> 13Feb2022
<b>Parameter</b> Coliforms	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Escherichia coli	<b>Result</b> < 10 cfu/g		
<b>UMDTC - Salmonella species - AOAC-RI 121501</b>	<b>Reference</b> AOAC-RI 121501	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 12Feb2022
<b>Parameter</b> Salmonella	<b>Result</b> Not Detected per 25 g		
<b>UMJ12 - 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> 16Feb2022
<b>Parameter</b> Yeast	<b>Result</b> < 10 cfu/g		
<b>Parameter</b> Moulds	<b>Result</b> < 10 cfu/g		
<b>UMMFL - Aerobic Plate Count - AOAC 966.23</b>	<b>Reference</b> AOAC 966.23	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 3329.11	<b>Completed</b> 13Feb2022
<b>Parameter</b> Aerobic Plate Count	<b>Result</b> < 10 cfu/g		

CW Hemp - 03

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## ANALYTICAL REPORT

AR-22-EI-003644-01

Client Code: EI0000159  
PO#: PO110633 QC 325

Received On: 11Feb2022  
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Respectfully Submitted,



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Jordan Shaw  
Business Unit Manager

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