

Eurofins Microbiology Laboratory (Colorado)

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 Lafayette, Colorado 80026  
 +1 720-758-6010  
 Micro-Colorado@eurofinsUS.com

CW Hemp - 01  
 Breanna Lash  
 700 Tech Ct  
 Louisville, CO 80027

**Client Code:** EI0000238  
**PO#:** QC 325

## ANALYTICAL REPORT

AR-23-EI-004389-01

**Received On:** 13Mar2023  
**Reported On:** 19Mar2023

<b>Eurofins Sample Code:</b> 397-2023-03130016	<b>Sample Registration Date:</b> 13Mar2023
<b>Client Sample Code:</b> 230308-56109 - Composite	<b>Condition Upon Receipt:</b> acceptable, 18.4°C
<b>Sample Description:</b> Sleep Gummy 60ct	<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> 15Mar2023
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<b>Parameter</b>	<b>Result</b>
Coliforms	< 10 cfu/g
<b>Parameter</b>	<b>Result</b>
Escherichia coli	< 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> 14Mar2023
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<b>Parameter</b>	<b>Result</b>
Salmonella	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> 19Mar2023
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<b>Parameter</b>	<b>Result</b>
Yeast	< 10 cfu/g
<b>Parameter</b>	<b>Result</b>
Moulds	< 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> 15Mar2023
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<b>Parameter</b>	<b>Result</b>
Aerobic Plate Count	< 10 cfu/g

CW Hemp - 01

Breanna Lash  
700 Tech Ct  
Louisville, CO 80027

## ANALYTICAL REPORT

AR-23-EI-004389-01

Client Code: EI0000238

PO#: QC 325

Received On: 13Mar2023

Reported On: 19Mar2023

Respectfully Submitted,



A handwritten signature in black ink, appearing to read 'J. L. Gilgen', written over a horizontal line.

Jake Gilgen  
Laboratory Supervisor 4-565

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.



# CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-044

SOP: QS-009

Batch Number: 230308-56109-60

By/Date ARP 06 Apr 23

ARP 06 Apr 23

ARP 06 Apr 23

6.Apr 2023 07:29  
Balance ID Q094

Sample ID SLEEP60-1  
4.07 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-2  
4.04 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-3  
4.06 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-4  
4.08 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-5  
4.09 g

*ARP*

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-6  
4.06 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-7  
4.04 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-8  
4.06 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-9  
4.07 g

6.Apr 2023 07:30  
Balance ID Q094

Sample ID SLEEP60-10  
4.07 g

*ARP*

Average  $\approx$   
4.1g/gummy  
ARP 06 Apr 23

Performed By/Date: ARP 06 Apr 23

Reviewed By/Date: SCW 06 Apr 23

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

Prepared for:

**Sleep Gummy Bulk**

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109</b>	Test: <b>Potency</b>	Reported: <b>3/13/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000237822	Started: 3/10/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 03/08/2023 @ 12:37 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)	0.020	0.057	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.022	0.064	ND	ND	Total THC is ND per serving (2 gummies).
Cannabidiolic acid (CBDA)	0.027	0.071	ND	ND	
Cannabidiol (CBD)	0.026	0.069	0.158	1.58	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.025	0.071	ND	ND	Total THC is ND per container (6 count).
Cannabinolic Acid (CBNA)	0.014	0.041	ND	ND	
Cannabinol (CBN)	0.006	0.019	ND	ND	
Cannabigerolic acid (CBGA)	0.021	0.060	ND	ND	
Cannabigerol (CBG)	0.005	0.014	ND	ND	Total THC is ND per container (30 count).
Tetrahydrocannabivarinic Acid (THCVA)	0.017	0.050	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.011	0.029	ND	ND	Total THC is ND per container (60 count).
Cannabidivarin (CBDV)	0.006	0.016	ND	ND	
Cannabichromenic Acid (CBCA)	0.008	0.023	ND	ND	
Cannabichromene (CBC)	0.009	0.025	ND	ND	Total THC is ND per container (90 count).
<b>Total Cannabinoids</b>			<b>0.158</b>	<b>1.58</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.158	1.58	

Prepared by: *Sam Smith*  
Sam Smith  
13-Mar-23  
1:26 PM

Approved by: *K Winternheimer*  
Karen Winternheimer  
13-Mar-23  
1:30 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



CDPHE Certified



Certificate #4329.02

Prepared for:

**Sleep Gummy Bulk - C1**

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109 Set 2</b>	Test: <b>Potency</b>	Reported: <b>4/12/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000241066	Started: 4/11/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 04/10/2023 @ 03:29 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)	0.004	0.009	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.004	0.010	<LOQ	<LOQ	total THC per container (6ct)=BLOQ
Cannabidiolic acid (CBDA)	0.025	0.063	ND	ND	
Cannabidiol (CBD)	0.024	0.062	0.139	1.39	total THC per container (30ct)=BLOQ
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.027	0.067	ND	ND	
Cannabinolic Acid (CBNA)	0.016	0.038	ND	ND	total THC per container (60ct)=BLOQ
Cannabinol (CBN)	0.007	0.017	ND	ND	
Cannabigerolic acid (CBGA)	0.023	0.056	ND	ND	total THC per container (90ct)=BLOQ
Cannabigerol (CBG)	0.005	0.013	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.019	0.047	ND	ND	total THC per serving (2ct)=BLOQ
Tetrahydrocannabivarin (THCV)	0.005	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.010	0.026	ND	ND	
Cannabidivarin (CBDV)	0.006	0.015	ND	ND	
Cannabichromenic Acid (CBCA)	0.009	0.022	ND	ND	
Cannabichromene (CBC)	0.010	0.024	ND	ND	
<b>Total Cannabinoids</b>			<b>0.139</b>	<b>1.39</b>	
Total Potential THC**			<LOQ	<LOQ	
Total Potential CBD**			0.139	1.39	

*K Winterheimer*  
Karen Winterheimer  
12-Apr-23  
2:17 PM

*Samantha Smith*  
Sam Smith  
12-Apr-23  
2:21 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



CDPHE Certified



Certificate #4329.02

Prepared for:

**Sleep Gummy Bulk - C2**

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109 Set 2</b>	Test: <b>Potency</b>	Reported: <b>4/12/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000241067	Started: 4/11/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 04/10/2023 @ 03:29 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)	0.003	0.008	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.004	0.009	<LOQ	<LOQ	total THC per container (6ct)=BLOQ
Cannabidiolic acid (CBDA)	0.023	0.058	ND	ND	
Cannabidiol (CBD)	0.022	0.057	0.139	1.39	total THC per container (30ct)=BLOQ
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.025	0.061	ND	ND	
Cannabinolic Acid (CBNA)	0.014	0.035	ND	ND	total THC per container (60ct)=BLOQ
Cannabinol (CBN)	0.007	0.016	ND	ND	
Cannabigerolic acid (CBGA)	0.021	0.051	ND	ND	total THC per container (90ct)=BLOQ
Cannabigerol (CBG)	0.005	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.018	0.043	ND	ND	total THC per serving (2ct)=BLOQ
Tetrahydrocannabivarin (THCV)	0.005	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.010	0.024	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	ND	ND	
Cannabichromenic Acid (CBCA)	0.008	0.020	ND	ND	
Cannabichromene (CBC)	0.009	0.022	ND	ND	
<b>Total Cannabinoids</b>			<b>0.139</b>	<b>1.39</b>	
Total Potential THC**			<LOQ	<LOQ	
Total Potential CBD**			0.139	1.39	

*K Winterheimer*  
Karen Winterheimer  
12-Apr-23  
2:17 PM

*Samantha Smith*  
Sam Smith  
12-Apr-23  
2:21 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



CDPHE Certified



Certificate #4329.02

Prepared for:

**Sleep Gummy Bulk - C3**

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109 Set 2</b>	Test: <b>Potency</b>	Reported: <b>4/12/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000241068	Started: 4/11/23	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 04/10/2023 @ 03:29 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)	0.003	0.008	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.004	0.010	<LOQ	<LOQ	total THC per container (6ct)=BLOQ
Cannabidiolic acid (CBDA)	0.024	0.060	ND	ND	
Cannabidiol (CBD)	0.023	0.059	0.155	1.55	total THC per container (30ct)=BLOQ
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.026	0.063	ND	ND	
Cannabinolic Acid (CBNA)	0.015	0.036	ND	ND	total THC per container (60ct)=BLOQ
Cannabinol (CBN)	0.007	0.017	ND	ND	
Cannabigerolic acid (CBGA)	0.022	0.053	ND	ND	total THC per container (90ct)=BLOQ
Cannabigerol (CBG)	0.005	0.013	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.018	0.045	ND	ND	total THC per serving (2ct)=BLOQ
Tetrahydrocannabivarin (THCV)	0.005	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.010	0.025	ND	ND	
Cannabidivarin (CBDV)	0.005	0.014	ND	ND	
Cannabichromenic Acid (CBCA)	0.008	0.020	ND	ND	
Cannabichromene (CBC)	0.009	0.022	ND	ND	
<b>Total Cannabinoids</b>			<b>0.155</b>	<b>1.55</b>	
Total Potential THC**			<LOQ	<LOQ	
Total Potential CBD**			0.155	1.55	

*K Winterheimer*  
Karen Winterheimer  
12-Apr-23  
2:17 PM

*Samantha Smith*  
Sam Smith  
12-Apr-23  
2:21 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



CDPHE Certified



Certificate #4329.02



# Certificate of Analysis

**Charlotte's Web**  
**2425 55th St. Ste.100**  
**Boulder, CO 80301**

## Sample Information

Product Name	Product Lot#	MSB Control#	Date Received	PO.#	Storage Condition
Sleep Gummy BULK	230306-54109	03102023-048	03/10/2023	QC 325	RM

## Analytes and Results

Analyte Name	Test Method	Estimated Level	Results
Melatonin	STM-7.18 (HPLC-UV)	3-4 mg/serving	3.9 mg/serving

Lab Director  
03/24/2023

Date Completed  
03/24/2023

Note: These results apply only to the samples received and tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of MS Bioanalytical.





# Certificate of Analysis

**Charlotte's Web**  
**2425 55th St. Ste.100**  
**Boulder, CO 80301**

## Sample Information

Product Name	Product Lot#	MSB Control#	Date Received	PO.#	Storage Condition
Sleep Gummy Bulk	230306-54109 Set 2	03132023-024	03/13/2023	QC325	RM

## Analytes and Results

Analyte Name	Test Method	Estimated Level	Results
Melatonin	STM-7.18 (HPLC-UV)	3-4 mg/serving	3.90 mg/serving

Note: This report was revised with Lot# corrected to 230306-54109 Set 2 per client's request.

Lab Director  
 04/06/2023

Date Completed  
 04/06/2023

Note: These results apply only to the samples received and tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of MS Bioanalytical.

Prepared for:

**Sleep Gummy Bulk**
**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109</b>	Test: <b>Metals</b>	Reported: <b>3/14/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Unit Co	Test ID: T000237823	Started: 3/14/23	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS): Heavy Metals	Received: 03/08/2023 @ 12:37 PM	Sampler ID: N/A

**HEAVY METALS DETERMINATION**

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.044 - 4.37	ND	
Cadmium	0.044 - 4.41	ND	
Mercury	0.040 - 4.03	ND	
Lead	0.043 - 4.32	ND	


 Sam Smith  
 14-Mar-23  
 2:41 PM

PREPARED BY / DATE


 Karen Winterheimer  
 14-Mar-23  
 2:44 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

Prepared for:

### Sleep Gummy Bulk

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109 Set 2</b>	Test: <b>Metals</b>	Reported: <b>4/6/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Unit Co	Test ID: T000238361	Started: 3/14/23	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS); Heavy Metals	Received: 03/13/2023 @ 12:07 PM	Sampler ID: N/A

### HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.044 - 4.37	ND	Amendment to T000238361 issued on 14Mar2023 to correct the batch ID.
Cadmium	0.044 - 4.41	ND	
Mercury	0.040 - 4.03	ND	
Lead	0.043 - 4.32	ND	

 Karen Winternheimer  
6-Apr-23  
2:31 PM

PREPARED BY / DATE

 Sam Smith  
6-Apr-23  
3:41 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 United States

<b>Sample Name:</b>	<b>230306-54109</b>	<b>Eurofins Sample:</b>	<b>12713988</b>
<b>Project ID</b>	CHARLO_WEB-20230307-0055	<b>Receipt Date</b>	08-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	07-Mar-2023
	MFG: March 6 2023.	<b>Date Started</b>	09-Mar-2023
	Expiration: March 6 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E013892

Analysis	Result
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**Glyphosate and AMPA**

Glyphosate	<10.0 ng/g
AMPA	<10.0 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**

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**

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

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109</b>	<b>Eurofins Sample:</b>	<b>12713988</b>
<b>Project ID</b>	CHARLO_WEB-20230307-0055	<b>Receipt Date</b>	08-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk MFG: March 6 2023. Expiration: March 6 2025	<b>Login Date</b>	07-Mar-2023
		<b>Date Started</b>	09-Mar-2023
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E013892

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

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

#### Summed Group 1 (Butanes)

Isobutane (2-Methylpropane) <500 ppm

#### Summed Group 2 (Heptanes)

2,2,3-Trimethylbutane <50.0 ppm

2,3-Dimethylpentane <50.0 ppm

2,4-Dimethylpentane <50.0 ppm

2-Methylhexane <50.0 ppm

3,3-Dimethylpentane <50.0 ppm

3-Ethylpentane <50.0 ppm

3-Methylhexane <50.0 ppm

#### Summed Group 3 (Petroleum Ether)

2,2-Dimethylbutane <25.0 ppm

2,3-Dimethylbutane <25.0 ppm

2-Methylpentane <25.0 ppm

3-Methylpentane <25.0 ppm

#### Summed Group 4 (Xylenes)

Xylenes-1 (Ethylbenzene) <40.0 ppm

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

Pesticide	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

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109</b>	<b>Eurofins Sample:</b>	<b>12713988</b>
<b>Project ID</b>	CHARLO_WEB-20230307-0055	<b>Receipt Date</b>	08-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	07-Mar-2023
	MFG: March 6 2023.	<b>Date Started</b>	09-Mar-2023
	Expiration: March 6 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E013892

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

## Certificate of Analysis

Charlotte's Web, Inc.

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Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109</b>	<b>Eurofins Sample:</b>	<b>12713988</b>
<b>Project ID</b>	CHARLO_WEB-20230307-0055	<b>Receipt Date</b>	08-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	07-Mar-2023
	MFG: March 6 2023.	<b>Date Started</b>	09-Mar-2023
	Expiration: March 6 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E013892

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

## Certificate of Analysis

### Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109</b>	<b>Eurofins Sample:</b>	<b>12713988</b>
<b>Project ID</b>	CHARLO_WEB-20230307-0055	<b>Receipt Date</b>	08-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	07-Mar-2023
	MFG: March 6 2023.	<b>Date Started</b>	09-Mar-2023
	Expiration: March 6 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E013892

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

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

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

Note 2: 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 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.

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

Internally Developed Method

#### Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

#### Glyphosate and AMPA (GLY\_AMPAS)

Internally developed method.

#### Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA



## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

### Method References

### Testing Location

#### 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.

### 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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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.

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109 Set 2</b>	<b>Eurofins Sample:</b>	<b>12728313</b>
<b>Project ID</b>	CHARLO_WEB-20230310-0060	<b>Receipt Date</b>	13-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	10-Mar-2023
	MFG: March 8 2023	<b>Date Started</b>	13-Mar-2023
	Expiration: March 8 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E014894

Analysis	Result
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**Glyphosate and AMPA**

Glyphosate	<10.0 ng/g
AMPA	<10.0 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**

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**

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

## Certificate of Analysis

Charlotte's Web, Inc.

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<b>Sample Name:</b>	<b>230306-54109 Set 2</b>	<b>Eurofins Sample:</b>	<b>12728313</b>
<b>Project ID</b>	CHARLO_WEB-20230310-0060	<b>Receipt Date</b>	13-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	10-Mar-2023
	MFG: March 8 2023	<b>Date Started</b>	13-Mar-2023
	Expiration: March 8 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E014894

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

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

#### Summed Group 1 (Butanes)

Isobutane (2-Methylpropane) <500 ppm

#### Summed Group 2 (Heptanes)

2,2,3-Trimethylbutane <50.0 ppm  
 2,3-Dimethylpentane <50.0 ppm  
 2,4-Dimethylpentane <50.0 ppm  
 2-Methylhexane <50.0 ppm  
 3,3-Dimethylpentane <50.0 ppm  
 3-Ethylpentane <50.0 ppm  
 3-Methylhexane <50.0 ppm

#### Summed Group 3 (Petroleum Ether)

2,2-Dimethylbutane <25.0 ppm  
 2,3-Dimethylbutane <25.0 ppm  
 2-Methylpentane <25.0 ppm  
 3-Methylpentane <25.0 ppm

#### Summed Group 4 (Xylenes)

Xylenes-1 (Ethylbenzene) <40.0 ppm

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

Pesticide	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

## Certificate of Analysis

Charlotte's Web, Inc.

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Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109 Set 2</b>	<b>Eurofins Sample:</b>	<b>12728313</b>
<b>Project ID</b>	CHARLO_WEB-20230310-0060	<b>Receipt Date</b>	13-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	10-Mar-2023
	MFG: March 8 2023	<b>Date Started</b>	13-Mar-2023
	Expiration: March 8 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E014894

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

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109 Set 2</b>	<b>Eurofins Sample:</b>	<b>12728313</b>
<b>Project ID</b>	CHARLO_WEB-20230310-0060	<b>Receipt Date</b>	13-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	10-Mar-2023
	MFG: March 8 2023	<b>Date Started</b>	13-Mar-2023
	Expiration: March 8 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E014894

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

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

<b>Sample Name:</b>	<b>230306-54109 Set 2</b>	<b>Eurofins Sample:</b>	<b>12728313</b>
<b>Project ID</b>	CHARLO_WEB-20230310-0060	<b>Receipt Date</b>	13-Mar-2023
<b>PO Number</b>	QC 325	<b>Receipt Condition</b>	Ambient temperature
<b>Description</b>	Sleep Gummy Bulk	<b>Login Date</b>	10-Mar-2023
	MFG: March 8 2023	<b>Date Started</b>	13-Mar-2023
	Expiration: March 8 2025	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E014894

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

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

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 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.

**Method References**

**Testing Location**

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

Internally Developed Method

**Glyphosate and AMPA (GLY\_AMPAS)**

Internally developed method.

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

**Food Integrity Innovation-Madison**

6304 Ronald Reagan Ave Madison, WI 53704 USA

## Certificate of Analysis

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Louisville Colorado 80027 United States

### Method References

### Testing Location

#### 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.

### 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

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:


**Sleep Gummy Bulk**


**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109</b>	Test: <b>Mycotoxins</b>	Reported: <b>3/16/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000237824	Started: 3/15/23	USDA License: N/A
Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03/08/2023 @ 12:37 PM	Sampler ID: N/A

**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3 - 140.3	ND	N/A
Aflatoxin B1	1 - 34.5	ND	
Aflatoxin B2	1.1 - 34.5	ND	
Aflatoxin G1	1 - 34.4	ND	
Aflatoxin G2	1.2 - 34.7	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

  
 Sam Smith  
 16-Mar-23  
 7:42 AM  
 PREPARED BY / DATE

  
 Karen Winterheimer  
 16-Mar-23  
 7:51 AM  
 APPROVED BY / DATE

**Definitions**

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

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02



Prepared for:

**Sleep Gummy Bulk**

**CWB HOLDINGS, INC**

Batch ID or Lot Number: <b>230306-54109 Set 2</b>	Test: <b>Mycotoxins</b>	Reported: <b>4/6/23</b>	Location: 700 Tech Ct. Louisville, CO 80027
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Matrix: Concentrate	Test ID: T000238362	Started: 3/15/23	USDA License: N/A
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Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03/13/2023 @ 12:07 PM	Sampler ID: N/A
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**MYCOTOXIN DETERMINATION**

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.1 - 141.2	ND	Amendment to T000238362 issued
Aflatoxin B1	1 - 34.7	ND	
Aflatoxin B2	1.1 - 34.7	ND	
Aflatoxin G1	1.1 - 34.6	ND	
Aflatoxin G2	1.2 - 34.9	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		ND	

*K Winternheimer*  
Karen Winternheimer  
6-Apr-23  
2:43 PM

PREPARED BY / DATE

*Samantha Smith*  
Sam Smith  
6-Apr-23  
3:45 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



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