

Eurofins Microbiology Laboratory (Colorado)

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 Micro-Colorado@eurofinsUS.com

CW Hemp - 08

**Client Code:** EI0000162  
**PO#:** QC 325

Stephanie Fitzgerald  
 700 Tech Ct  
 Louisville, CO 80026

## ANALYTICAL REPORT

AR-23-EI-004448-01

**Received On:** 14Mar2023  
**Reported On:** 19Mar2023

|   |   |
|---|---|
| <b>Eurofins Sample Code:</b> 397-2023-03140034      | <b>Sample Registration Date:</b> 14Mar2023        |
| <b>Client Sample Code:</b> 230072A - Composite      | <b>Condition Upon Receipt:</b> acceptable, 20.1°C |
| <b>Sample Description:</b> 15mg Liquid Capsule 30ct | <b>Sample Reference:</b>                          |

|  |                                 |  |                               |
|--|---------------------------------|--|-------------------------------|
| <b>UM5DP - Total Coliforms - AOAC 991.14</b> | <b>Reference</b><br>AOAC 991.14 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 3329.11 | <b>Completed</b><br>16Mar2023 |
|--|---------------------------------|--|-------------------------------|

|                  |               |
|------------------|---------------|
| <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><br>AOAC-RI 121501 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 3329.11 | <b>Completed</b><br>15Mar2023 |
|--|------------------------------------|--|-------------------------------|

|                  |                       |
|------------------|-----------------------|
| <b>Parameter</b> | <b>Result</b>         |
| Salmonella       | Not Detected per 25 g |

|  |   |  |                               |
|--|---|--|-------------------------------|
| <b>UMJI2 - Yeast - FDA BAM Chapter 18 mod.</b> | <b>Reference</b><br>FDA BAM Chapter 18 mod. | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 3329.11 | <b>Completed</b><br>19Mar2023 |
|--|---|--|-------------------------------|

|                  |               |
|------------------|---------------|
| <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><br>AOAC 966.23 | <b>Accreditation</b><br>ISO/IEC 17025:2017<br>A2LA 3329.11 | <b>Completed</b><br>16Mar2023 |
|--|---------------------------------|--|-------------------------------|

|                     |               |
|---------------------|---------------|
| <b>Parameter</b>    | <b>Result</b> |
| Aerobic Plate Count | < 10 cfu/g    |

CW Hemp - 08

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700 Tech Ct  
Louisville, CO 80026

# ANALYTICAL REPORT

AR-23-EI-004448-01

Client Code: EI0000162

PO#: QC 325

Received On: 14Mar2023

Reported On: 19Mar2023

Respectfully Submitted,



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Jordan Shaw  
Business Unit Manager



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.



|                            |   |                              |              |
|----------------------------|---|------------------------------|--------------|
| <b>Sample Name:</b>        | 230072  |                              |              |
| <b>Sample Description:</b> | 15mg Liquid Capsule Bulk  |                              |              |
| <b>Lab Name:</b>           | Charlotte's Web QC Lab, 700 Tech Ct.,<br>Louisville, CO 80027, Room 203 | <b>Sample Analyzed By:</b>   | Morgan Stock |
| <b>Customer:</b>           | Charlotte's Web   | <b>Test Method ID:</b>       | N/A          |
| <b>Contact:</b>            | Richard Wright,<br>qateam@charlottesweb.com                             | <b>Date Sample Received:</b> | 10-Mar-23    |
|                            |   | <b>Date Sample Analyzed:</b> | 10-Mar-23    |

**Calculated Sample Entity Weight**

Analysis

Result (g)

Entity Weight

0.735

This information is a portion of the complete report; contact the lab for more information. Results only apply to the received sample in the condition it was received. This certificate of analysis shall not be reproduced, except in full, without the prior written consent of CWB Holdings LLC.

**Additions/Deviations/Exclusions/Comments:**

N/A

**Approvals**

| Role          | Print Name   | Signature           | Date      |
|---------------|--------------|---------------------|-----------|
| Analyst       | Morgan Stock | <i>Morgan Stock</i> | 10 Mar 23 |
| Peer Reviewer | Eric Webdo   | <i>Eric B. Webb</i> | 13 Mar 23 |

Prepared for:

**15mg Liquid Capsule Bulk**

**CWB HOLDINGS, INC**

|  |                         |                             |   |
|--|-------------------------|-----------------------------|---|
| Batch ID or Lot Number:<br><b>230072 - Composite</b> | Test:<br><b>Potency</b> | Reported:<br><b>3/24/23</b> | Location:<br>700 Tech Ct.<br>Louisville, CO 80027 |
|--|-------------------------|-----------------------------|---|

|                        |                        |                     |                      |
|------------------------|------------------------|---------------------|----------------------|
| Matrix:<br>Concentrate | Test ID:<br>T000238184 | Started:<br>3/23/23 | USDA License:<br>N/A |
|------------------------|------------------------|---------------------|----------------------|

|                   |  |                                    |                    |
|-------------------|--|------------------------------------|--------------------|
| Status:<br>Active | Method:<br>TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC | Received:<br>03/22/2023 @ 10:24 AM | Sampler ID:<br>N/A |
|-------------------|--|------------------------------------|--------------------|

**CANNABINOID PROFILE**

| Compound                                     | LOD (%) | LOQ (%) | Result (%)   | Result (mg/g) | Notes                                 |
|--|---------|---------|--------------|---------------|---------------------------------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.002   | 0.008   | ND           | ND            |                                       |
| Delta 9-Tetrahydrocannabinol (Delta 9THC)    | 0.003   | 0.008   | 0.108        | 1.08          | total THC per container (7ct)=4.7mg   |
| Cannabidiolic acid (CBDA)                    | 0.019   | 0.057   | ND           | ND            |                                       |
| Cannabidiol (CBD)                            | 0.019   | 0.055   | 3.010        | 30.10         | total THC per container (30ct)=20.3mg |
| Delta 8-Tetrahydrocannabinol (Delta 8THC)    | 0.017   | 0.056   | ND           | ND            |                                       |
| Cannabinolic Acid (CBNA)                     | 0.010   | 0.032   | ND           | ND            | total THC per container (60ct)=40.5mg |
| Cannabinol (CBN)                             | 0.005   | 0.015   | <LOQ         | <LOQ          |                                       |
| Cannabigerolic acid (CBGA)                   | 0.015   | 0.047   | ND           | ND            |                                       |
| Cannabigerol (CBG)                           | 0.004   | 0.011   | 0.042        | 0.42          | total THC per container (90ct)=60.8mg |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.012   | 0.040   | ND           | ND            |                                       |
| Tetrahydrocannabivarin (THCV)                | 0.003   | 0.010   | ND           | ND            | total THC per serving (1ct)=0.7mg     |
| Cannabidivarinic Acid (CBDVA)                | 0.008   | 0.024   | ND           | ND            |                                       |
| Cannabidivarin (CBDV)                        | 0.004   | 0.013   | 0.025        | 0.25          |                                       |
| Cannabichromenic Acid (CBCA)                 | 0.006   | 0.018   | ND           | ND            |                                       |
| Cannabichromene (CBC)                        | 0.006   | 0.020   | 0.118        | 1.18          |                                       |
| <b>Total Cannabinoids</b>                    |         |         | <b>3.303</b> | <b>33.03</b>  |                                       |
| Total Potential THC**                        |         |         | 0.108        | 1.08          |                                       |
| Total Potential CBD**                        |         |         | 3.010        | 30.10         |                                       |

*K Winterheimer*  
Karen Winterheimer  
24-Mar-23  
10:09 AM

*Samantha Smith*  
Sam Smith  
24-Mar-23  
10:21 AM

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, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

|                     |  |                           |                                  |
|---------------------|--|---------------------------|----------------------------------|
| <b>Sample Name:</b> | <b>230072 - Composite</b>  | <b>Eurofins Sample:</b>   | <b>12723426</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20230309-0057   | <b>Receipt Date</b>       | 13-Mar-2023                      |
| <b>PO Number</b>    | QC 325   | <b>Receipt Condition</b>  | Ambient temperature              |
| <b>Description</b>  | 15mg Liquid Capsule Bulk<br>MFG - March 3 2023<br>Epiration - March 3 2025 | <b>Login Date</b>         | 09-Mar-2023                      |
|                     |  | <b>Date Started</b>       | 14-Mar-2023                      |
|                     |  | <b>Sampled</b>            | Sample results apply as received |
|                     |  | <b>Number Compositied</b> | 20                               |
|                     |  | <b>Online Order</b>       | 901-2023-E014556                 |

| Analysis                                 | Result     |
|--|------------|
| <b>Elements by ICP Mass Spectrometry</b> |            |
| Arsenic                                  | <10.0 ppb  |
| Cadmium                                  | <5.00 ppb  |
| Lead                                     | <5.00 ppb  |
| Mercury                                  | <5.00 ppb  |
| <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                             | <1.00 ppb  |
| Sum of B1 B2 G1 and G2                   | <2.00 ppb  |
| <b>Glyphosate and AMPA</b>               |            |
| Glyphosate                               | <100 ng/g  |
| AMPA                                     | <100 ng/g  |

| Analysis   | Limit    | Result    | Pass/Fail |
|--|----------|-----------|-----------|
| <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      |

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|                     |                           |                           |                                  |
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| <b>Sample Name:</b> | <b>230072 - Composite</b> | <b>Eurofins Sample:</b>   | <b>12723426</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20230309-0057  | <b>Receipt Date</b>       | 13-Mar-2023                      |
| <b>PO Number</b>    | QC 325                    | <b>Receipt Condition</b>  | Ambient temperature              |
| <b>Description</b>  | 15mg Liquid Capsule Bulk  | <b>Login Date</b>         | 09-Mar-2023                      |
|                     | MFG - March 3 2023        | <b>Date Started</b>       | 14-Mar-2023                      |
|                     | Epiration - March 3 2025  | <b>Sampled</b>            | Sample results apply as received |
|                     |                           | <b>Number Compositied</b> | 20                               |
|                     |                           | <b>Online Order</b>       | 901-2023-E014556                 |

| Analysis  | Limit    | Result    | Pass/Fail |
|---|----------|-----------|-----------|
| <b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices</b>  |          |           |           |
| Acetonitrile  | 410 ppm  | <200 ppm  | Pass      |
| Ethanol   | 5000 ppm | <1000 ppm | Pass      |
| Ethyl Acetate   | 5000 ppm | <500 ppm  | Pass      |
| Ethyl Ether   | 5000 ppm | <500 ppm  | Pass      |
| Methanol  | 3000 ppm | <500 ppm  | Pass      |
| Butane  | 5000 ppm | <500 ppm  | Pass      |
| Heptane   | 5000 ppm | <50.0 ppm | Pass      |
| Hexane  | 290 ppm  | <30.0 ppm | Pass      |
| Pentane   | 5000 ppm | <25.0 ppm | Pass      |
| Propane   | 5000 ppm | <1000 ppm | Pass      |
| Toluene   | 890 ppm  | <90.0 ppm | Pass      |
| Xylenes (ortho-, meta-, para-)  | 2170 ppm | <160 ppm  | Pass      |
| The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. |          |           |           |
| <b>Summed Group 1 (Butanes)</b>   |          |           |           |
| Isobutane (2-Methylpropane)   |          | <500 ppm  |           |
| <b>Summed Group 2 (Heptanes)</b>  |          |           |           |
| 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 |           |
| <b>Summed Group 3 (Petroleum Ether)</b>   |          |           |           |
| 2,2-Dimethylbutane  |          | <25.0 ppm |           |
| 2,3-Dimethylbutane  |          | <25.0 ppm |           |
| 2-Methylpentane   |          | <25.0 ppm |           |
| 3-Methylpentane   |          | <25.0 ppm |           |

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|                     |                           |                            |                                  |
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| <b>Sample Name:</b> | <b>230072 - Composite</b> | <b>Eurofins Sample:</b>    | <b>12723426</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20230309-0057  | <b>Receipt Date</b>        | 13-Mar-2023                      |
| <b>PO Number</b>    | QC 325                    | <b>Receipt Condition</b>   | Ambient temperature              |
| <b>Description</b>  | 15mg Liquid Capsule Bulk  | <b>Login Date</b>          | 09-Mar-2023                      |
|                     | MFG - March 3 2023        | <b>Date Started</b>        | 14-Mar-2023                      |
|                     | Epiration - March 3 2025  | <b>Sampled</b>             | Sample results apply as received |
|                     |                           | <b>Number Compositated</b> | 20                               |
|                     |                           | <b>Online Order</b>        | 901-2023-E014556                 |

| Analysis   | Limit     | Result      | Pass/Fail |
|--|-----------|-------------|-----------|
| <b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices</b> |           |             |           |
| <b>Summed Group 4 (Xylenes)</b>                                      |           |             |           |
| Xylenes-1 (Ethylbenzene)   |           | <40.0 ppm   |           |
| <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      |
| 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      |

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| <b>Project ID</b>   | CHARLO_WEB-20230309-0057  | <b>Receipt Date</b>        | 13-Mar-2023                      |
| <b>PO Number</b>    | QC 325                    | <b>Receipt Condition</b>   | Ambient temperature              |
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|                     |                           | <b>Online Order</b>        | 901-2023-E014556                 |

| Analysis   | Limit     | Result      | Pass/Fail |
|--|-----------|-------------|-----------|
| <b>Multi-Residue Analysis for hemp products - BCC Pesticide List</b> |           |             |           |
| Dimethoate   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Dimethomorph   | 20 mg/kg  | <0.10 mg/kg | Pass      |
| Ethoprophos  | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Etofenprox   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Etoxazole  | 1.5 mg/kg | <0.10 mg/kg | Pass      |
| Fenoxycarb   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Fenpyroximate  | 2 mg/kg   | <0.10 mg/kg | Pass      |
| Fipronil   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Fipronil desulfinyl  | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Fipronil sulfone   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Fonicamid  | 2 mg/kg   | <0.10 mg/kg | Pass      |
| Fludioxonil  | 30 mg/kg  | <0.10 mg/kg | Pass      |
| Hexythiazox  | 2 mg/kg   | <0.10 mg/kg | Pass      |
| Imazalil   | 0.1 mg/kg | <0.10 mg/kg | Pass      |
| Imidacloprid   | 3 mg/kg   | <0.10 mg/kg | Pass      |
| Kresoxim-methyl  | 1 mg/kg   | <0.10 mg/kg | Pass      |
| 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      |



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| <b>Project ID</b>   | CHARLO_WEB-20230309-0057  | <b>Receipt Date</b>      | 13-Mar-2023                      |
| <b>PO Number</b>    | QC 325                    | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | 15mg Liquid Capsule Bulk  | <b>Login Date</b>        | 09-Mar-2023                      |
|                     | MFG - March 3 2023        | <b>Date Started</b>      | 14-Mar-2023                      |
|                     | Epiration - March 3 2025  | <b>Sampled</b>           | Sample results apply as received |
|                     |                           | <b>Number Composited</b> | 20                               |
|                     |                           | <b>Online Order</b>      | 901-2023-E014556                 |

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

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

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

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

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

## Certificate of Analysis

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| Method References   | Testing Location   |
|---|--|
| <p><b>BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)</b></p> <p>Internally Developed Method</p>   | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |
| <p><b>Elements by ICP Mass Spectrometry (ICP_MS_S)</b></p> <p>Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).</p>  | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |
| <p><b>Glyphosate and AMPA (GLY_AMPA_S)</b></p> <p>Internally developed method.</p>  | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |
| <p><b>Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)</b></p> <p><i>Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</i></p> <p><i>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.</i></p> <p>List of the tested pesticides and their limits of quantification (LOQs) are available upon request.</p>                       | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |
| <p><b>Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)</b></p> <p><i>Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</i></p> <p><i>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.</i></p> <p>List of the tested pesticides and their limits of quantification (LOQs) are available upon request.</p> | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |
| <p><b>Mycotoxins in Raw Materials (MYCO_REG_S)</b></p> <p>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).</p>  | <p><b>Food Integrity Innovation-Madison</b><br/>6304 Ronald Reagan Ave Madison, WI 53704 USA</p> |

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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



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