

Eurofins Microbiology Laboratory (Colorado)

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CW Hemp - 01

Breanna Lash  
 700 Tech Ct  
 Louisville, CO 80027

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

**Received On:** 13Dec2023  
**Reported On:** 18Dec2023

## ANALYTICAL REPORT

AR-23-EI-023163-01

|                              |                                      |                                  |                    |
|------------------------------|--------------------------------------|----------------------------------|--------------------|
| <b>Eurofins Sample Code:</b> | 397-2023-12130024                    | <b>Sample Registration Date:</b> | 13Dec2023          |
| <b>Client Sample Code:</b>   | 231204-56121-30 - Composite          | <b>Condition Upon Receipt:</b>   | acceptable, 14.3°C |
| <b>Sample Description:</b>   | ReCreate Brain Support<br>Gummy 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>15Dec2023 |
|--|---------------------------------|--|-------------------------------|

| Parameter       | Result     |
|-----------------|------------|
| Total Coliforms | < 10 cfu/g |
| E. 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>14Dec2023 |
|--|------------------------------------|--|-------------------------------|

| Parameter       | Result                |
|-----------------|-----------------------|
| Salmonella spp. | 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>18Dec2023 |
|--|---|--|-------------------------------|

| Parameter | Result     |
|-----------|------------|
| Yeast     | < 10 cfu/g |
| Mold      | < 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>15Dec2023 |
|--|---------------------------------|--|-------------------------------|

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

CW Hemp - 01

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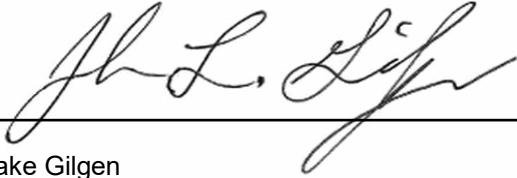
Client Code: EI0000238

PO#: QC 325

Received On: 13Dec2023

Reported On: 18Dec2023

Respectfully Submitted,



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: 231204-56121-30

By/Date SF 20DEC23

*Donja Finucane*

*Donja Finucane*

20.Dec 2023 07:30  
Balance ID 0094

20.Dec 2023 07:30  
Balance ID 0094

Sample ID BRAIN30-1  
N 3.80 g

Sample ID BRAIN30-6  
N 3.84 g

20.Dec 2023 07:30  
Balance ID 0094

20.Dec 2023 07:30  
Balance ID 0094

Sample ID BRAIN30-2  
N 3.84 g

Sample ID BRAIN30-7  
N 3.76 g

20.Dec 2023 07:30  
Balance ID 0094

20.Dec 2023 07:30  
Balance ID 0094

Sample ID BRAIN30-3  
N 3.62 g

Sample ID BRAIN30-8  
N 3.81 g

20.Dec 2023 07:30  
Balance ID 0094

20.Dec 2023 07:30  
Balance ID 0094

Sample ID BRAIN30-4  
N 3.83 g

Sample ID BRAIN30-9  
N 3.82 g

20.Dec 2023 07:30  
Balance ID 0094

20.Dec 2023 07:30  
Balance ID 0094

Sample ID BRAIN30-5  
N 3.79 g

Sample ID BRAIN30-10  
N 3.77 g

Average = 3.8g / gummy

SF 20DEC23

SF 20DEC23

Performed By/Date: SF 20DEC23

Reviewed By/Date: TLB 28DEC23

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

Prepared for:

**ReCreate Brain Support Gummy Bulk**

**CWB HOLDINGS, INC**


|  |                         |                              |   |
|--|-------------------------|------------------------------|---|
| Batch ID or Lot Number:<br><b>231204-54121</b> | Test:<br><b>Potency</b> | Reported:<br><b>12/12/23</b> | Location:<br>700 Tech Ct.<br>Louisville, CO 80027 |
|--|-------------------------|------------------------------|---|


|                        |                        |                      |                      |
|------------------------|------------------------|----------------------|----------------------|
| Matrix:<br>Concentrate | Test ID:<br>T000264201 | Started:<br>12/11/23 | USDA License:<br>N/A |
|------------------------|------------------------|----------------------|----------------------|

|                   |  |                                    |                    |
|-------------------|--|------------------------------------|--------------------|
| Status:<br>Active | Method:<br>TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC | Received:<br>12/07/2023 @ 12:48 PM | Sampler ID:<br>N/A |
|-------------------|--|------------------------------------|--------------------|

**CANNABINOID PROFILE**

| Compound                                     | LOD (%) | LOQ (%) | Result (%)   | Result (mg/g) | Notes                                     |
|--|---------|---------|--------------|---------------|---|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.003   | 0.009   | ND           | ND            |   |
| Delta 9-Tetrahydrocannabinol (Delta 9THC)    | 0.003   | 0.010   | ND           | ND            | Total THC is ND per serving (2 gummies).  |
| Cannabidiolic acid (CBDA)                    | 0.024   | 0.066   | ND           | ND            |   |
| Cannabidiol (CBD)                            | 0.023   | 0.064   | 0.358        | 3.58          |   |
| Delta 8-Tetrahydrocannabinol (Delta 8THC)    | 0.019   | 0.065   | ND           | ND            | Total THC is ND per container (6 count).  |
| Cannabinolic Acid (CBNA)                     | 0.011   | 0.037   | ND           | ND            |   |
| Cannabinol (CBN)                             | 0.005   | 0.017   | ND           | ND            |   |
| Cannabigerolic acid (CBGA)                   | 0.016   | 0.055   | ND           | ND            | Total THC is ND per container (30 count). |
| Cannabigerol (CBG)                           | 0.004   | 0.013   | ND           | ND            |   |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.013   | 0.046   | ND           | ND            |   |
| Tetrahydrocannabivarin (THCV)                | 0.003   | 0.012   | ND           | ND            | Total THC is ND per container (60 count). |
| Cannabidivarinic Acid (CBDVA)                | 0.010   | 0.027   | ND           | ND            |   |
| Cannabidivarin (CBDV)                        | 0.005   | 0.015   | ND           | ND            |   |
| Cannabichromenic Acid (CBCA)                 | 0.006   | 0.021   | ND           | ND            |   |
| Cannabichromene (CBC)                        | 0.007   | 0.023   | ND           | ND            |   |
| <b>Total Cannabinoids</b>                    |         |         | <b>0.358</b> | <b>3.58</b>   |   |
| Total Potential THC**                        |         |         | ND           | ND            |   |
| Total Potential CBD**                        |         |         | 0.358        | 3.58          |   |

Prepared by:   
Sam Smith  
12-Dec-23  
9:58 AM

Approved by:   
Karen Winternheimer  
12-Dec-23  
10:08 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>231204-54121</b>               | <b>Eurofins Sample:</b>  | <b>13586261</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20231206-0293          | <b>Receipt Date</b>      | 07-Dec-2023                      |
| <b>PO Number</b>    | QC 325                            | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | ReCreate Brain Support Gummy Bulk | <b>Login Date</b>        | 06-Dec-2023                      |
|                     |                                   | <b>Date Started</b>      | 07-Dec-2023                      |
|                     |                                   | <b>Sampled</b>           | Sample results apply as received |
|                     |                                   | <b>Online Order</b>      | 901-2023-E075729                 |

| Analysis                                 | Result     |
|--|------------|
| <b>Elements by ICP Mass Spectrometry</b> |            |
| Arsenic                                  | <10.0 ppb  |
| Cadmium                                  | <5.00 ppb  |
| Mercury                                  | <5.00 ppb  |
| Lead                                     | <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                               | <10.0 ng/g |
| AMPA                                     | <10.0 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      |
| Acetonitrile   | 410 ppm  | <200 ppm  | Pass      |

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|                     |                                   |                          |                                  |
|---------------------|-----------------------------------|--------------------------|----------------------------------|
| <b>Sample Name:</b> | <b>231204-54121</b>               | <b>Eurofins Sample:</b>  | <b>13586261</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20231206-0293          | <b>Receipt Date</b>      | 07-Dec-2023                      |
| <b>PO Number</b>    | QC 325                            | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | ReCreate Brain Support Gummy Bulk | <b>Login Date</b>        | 06-Dec-2023                      |
|                     |                                   | <b>Date Started</b>      | 07-Dec-2023                      |
|                     |                                   | <b>Sampled</b>           | Sample results apply as received |
|                     |                                   | <b>Online Order</b>      | 901-2023-E075729                 |

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

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Louisville Colorado 80027 United States

|                     |                                   |                          |                                  |
|---------------------|-----------------------------------|--------------------------|----------------------------------|
| <b>Sample Name:</b> | <b>231204-54121</b>               | <b>Eurofins Sample:</b>  | <b>13586261</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20231206-0293          | <b>Receipt Date</b>      | 07-Dec-2023                      |
| <b>PO Number</b>    | QC 325                            | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | ReCreate Brain Support Gummy Bulk | <b>Login Date</b>        | 06-Dec-2023                      |
|                     |                                   | <b>Date Started</b>      | 07-Dec-2023                      |
|                     |                                   | <b>Sampled</b>           | Sample results apply as received |
|                     |                                   | <b>Online Order</b>      | 901-2023-E075729                 |

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

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|                     |                                   |                          |                                  |
|---------------------|-----------------------------------|--------------------------|----------------------------------|
| <b>Sample Name:</b> | <b>231204-54121</b>               | <b>Eurofins Sample:</b>  | <b>13586261</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20231206-0293          | <b>Receipt Date</b>      | 07-Dec-2023                      |
| <b>PO Number</b>    | QC 325                            | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | ReCreate Brain Support Gummy Bulk | <b>Login Date</b>        | 06-Dec-2023                      |
|                     |                                   | <b>Date Started</b>      | 07-Dec-2023                      |
|                     |                                   | <b>Sampled</b>           | Sample results apply as received |
|                     |                                   | <b>Online Order</b>      | 901-2023-E075729                 |

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



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|                     |                                   |                          |                                  |
|---------------------|-----------------------------------|--------------------------|----------------------------------|
| <b>Sample Name:</b> | <b>231204-54121</b>               | <b>Eurofins Sample:</b>  | <b>13586261</b>                  |
| <b>Project ID</b>   | CHARLO_WEB-20231206-0293          | <b>Receipt Date</b>      | 07-Dec-2023                      |
| <b>PO Number</b>    | QC 325                            | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Description</b>  | ReCreate Brain Support Gummy Bulk | <b>Login Date</b>        | 06-Dec-2023                      |
|                     |                                   | <b>Date Started</b>      | 07-Dec-2023                      |
|                     |                                   | <b>Sampled</b>           | Sample results apply as received |
|                     |                                   | <b>Online Order</b>      | 901-2023-E075729                 |

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

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

|                                |           |             |      |
|--------------------------------|-----------|-------------|------|
| 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 |
| 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**

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

| 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> |

## Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court  
Louisville Colorado 80027 United States

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

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

Edward Ladwig - President Eurofins Food  
Chemistry Testing Madison



2918.01

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



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# EVALUATION REPORT

**Send To: C0496778**

Ms. Breanna Lash  
Charlotte's Web, Inc.  
700 Tech Court  
Louisville, CO 80027

**Facility: C0582540**

Charlotte's Web, Inc.  
700 Tech Ct.  
Louisville CO 80027  
United States

| Result            | PASS  | Report Date | 04-JAN-2024 |
|-------------------|---|-------------|-------------|
| Customer Name     | Charlotte's Web, Inc.                                     |             |             |
| Tested To         | NSF 306   |             |             |
| Description       | ReCreate™ Brain Support Gummies   Gummy   231204-56121-30 |             |             |
| Trade Designation | ReCreate™ Brain Support Gummies                           |             |             |
| Test Type         | Qualification   |             |             |
| Job Number        | J-00488035  |             |             |
| Project Number    | W0894037  |             |             |
| Project Manager   | Brian Dumaw   |             |             |

**Thank you for having your product tested by NSF.**

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

**Report Authorization**

Brandi Reinbold - Technical Lead, Health Sciences Certification

**Date** 04-JAN-2024



**General Information**

Guideline: NSF 306  
DCC Number: DS05532  
Lot#: 231204-56121-30  
Physical Description of Sample: Gummy  
Test Description: NSF Certified for Sport Testing  
Trade Designation / Product ID: ReCreate™ Brain Support Gummies

Sample Id: **S-0002069042**  
Description: @ReCreate™ Brain Support Gummies | Gummy | 231204-56121-30  
Sampled Date: 12/14/2023  
Received Date: 12/14/2023

| Testing Parameter          | Result          | Units | Technique | Date analyzed |
|----------------------------|-----------------|-------|-----------|---------------|
| <b>General Information</b> |                 |       |           |               |
| Expiration Date            | 06/25           |       |           |               |
| Lot Number                 | 231204-56121-30 |       |           |               |
| Mass per tablet            | 3.81            | grams |           |               |
| Servings per daily dose    | 2               |       |           |               |
| Tablets per serving        | 2               |       |           |               |

Sample Id: **S-0002069043**  
Description: @ReCreate™ Brain Support Gummies | Gummy | 231204-56121-30  
Sampled Date: 12/14/2023  
Received Date: 12/14/2023

| Testing Parameter         | Result  | Units | Technique | Date analyzed |
|---------------------------|---------|-------|-----------|---------------|
| <b>Anabolic Agents</b>    |         |       |           |               |
| 5a-Androstan-3a, 17a-diol | ND(500) | ng/g  | GCMS      | 20-DEC-2023   |
| 5a-Androstan-3a, 17b-diol | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 5a-Androstan-3b, 17a-diol | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 5a-Androstan-3b, 17b-diol | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Androstenedione           | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 2-Androsten-17-one        | ND(100) | ng/g  | GCMS      | 20-DEC-2023   |
| 5-Androsten-3, 17-dione   | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androsten-3a, 17b-diol  | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androsten-3a-ol-17-one  | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 5-Androsten-3b, 17a-diol  | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androsten-3b,17a-diol   | ND(500) | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androsten-3b-ol-17-one  | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 1-Androstendiol           | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 1-Androstendione          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androstenediol          | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Androstenediol            | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androstenedione         | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 1-Androsterone            | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Androsterone              | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Bolandiol                 | ND(10)  | ng/g  | GCMS      | 20-DEC-2023   |
| Bolasterone               | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Boldenone                 | ND(10)  | ng/g  | GCMS      | 20-DEC-2023   |
| Boldione                  | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Calusterone               | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Clostebol                 | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Danazol                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |



Sample Id: S-0002069043

| Testing Parameter              | Result  | Units | Technique | Date analyzed |
|--------------------------------|---------|-------|-----------|---------------|
| <b>Anabolic Agents</b>         |         |       |           |               |
| Dehydroandrosterone            | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Dehydroepiandrosterone         | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Desoxymethyltestosterone       | ND(10)  | ng/g  | GCMS      | 20-DEC-2023   |
| Dihydrotestosterone            | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Drostanolone                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Epiandrosterone                | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Estra-4,9,11-triene-3,17-dione | ND(5.0) | ng/g  | LCMS      |               |
| Estra-4,9-diene-3,17-dione     | ND(5.0) | ng/g  | LCMS      |               |
| Ethylestrenol                  | ND(10)  | ng/g  | GCMS      | 20-DEC-2023   |
| Etiocholanolone                | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Exemestane                     | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Fluoxymesterone                | ND(10)  | ng/g  | GCMS      | 20-DEC-2023   |
| Formebolone                    | ND(5.0) | ng/g  | LCMS      |               |
| Furazabol                      | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Gestrinone                     | ND(5.0) | ng/g  | LCMS      |               |
| 11a-Hydroxymethyltestosterone  | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 17-Hydroxyprogesterone         | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Hydroxytestosterone          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Mestanolone                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Mesterolone                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methandienone                  | ND(2.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methandriol                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methasterone                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methenolone                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methyl-1-testosterone          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methylclostebol                | ND(5.0) | ng/g  | LCMS      |               |
| Methylclostediol               | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methyldienolone                | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methylnortestosterone          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methylstenbolone               | ND(5.0) | ng/g  | LCMS      |               |
| Methyltestosterone             | ND(2.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Methyltrienolone               | ND(5.0) | ng/g  | LCMS      |               |
| Mibolerone                     | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Nandrolone                     | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 19-Nor-5-Androstenediol        | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 19-Norandrostenedione          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 19-Norandrosterone             | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Norbolethone                   | ND(5.0) | ng/g  | LCMS      | 20-DEC-2023   |
| Norclostebol                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Norethandrolone                | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 19-Noretiocholanolone          | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Oxabolone                      | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Oxandrolone                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Oxymesterone                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Oxymetholone                   | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Progesterone                   | ND(100) | ng/g  | GCMS      | 20-DEC-2023   |
| Prostanozol                    | ND(5.0) | ng/g  | LCMS      |               |
| Quinbolone                     | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Stanozolol                     | ND(2.0) | ng/g  | LCMS      |               |
| Stenbolone                     | ND(5.0) | ng/g  | LCMS      |               |



Sample Id: S-0002069043

| Testing Parameter                 | Result  | Units | Technique | Date analyzed |
|-----------------------------------|---------|-------|-----------|---------------|
| <b>Anabolic Agents</b>            |         |       |           |               |
| 1-Testosterone                    | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Testosterone                      | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| Tetrahydrogestrinone              | ND(5.0) | ng/g  | LCMS      |               |
| Tibolone                          | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Trenbolone                        | ND(5.0) | ng/g  | LCMS      |               |
| Turinabol-oral                    | ND(2.0) | ng/g  | GCMS      | 20-DEC-2023   |
| Turinadiol-a                      | ND(5)   | ng/g  | GCMS      | 20-DEC-2023   |
| Turinadiol-b                      | ND(5)   | ng/g  | GCMS      | 20-DEC-2023   |
| Zilpaterol                        | ND(5)   | ng/g  | LCMS      | 18-DEC-2023   |
| alpha-Zearalanol                  | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| Epi-dihydrotestosterone           | ND(20)  | ng/g  | GCMS      | 20-DEC-2023   |
| 7a-hydroxy-dehydroepiandrosterone | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 7b-hydroxy-dehydroepiandrosterone | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| 7-keto-dehydroepiandrosterone     | ND(5.0) | ng/g  | GCMS      | 20-DEC-2023   |
| <b>Beta-Agonists</b>              |         |       |           |               |
| Bambuterol                        | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Brombuterol                       | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Clenbuterol                       | ND(2)   | ng/g  | LCMS      | 18-DEC-2023   |
| Clozapine                         | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Fenoterol                         | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Formoterol                        | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Labetalol                         | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Procaterol                        | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Propafenone                       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Ractopamine                       | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Ritodrine                         | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Salbutamol                        | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Salmeterol                        | ND(20)  | ng/g  | LCMS      |               |
| Terbutaline                       | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Vilanterol                        | ND(20)  | ng/g  | LCMS      |               |
| <b>Diuretics</b>                  |         |       |           |               |
| Acetazolamide                     | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Althiazide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Amiloride                         | ND(20)  | ng/g  | LCMS      | 18-DEC-2023   |
| Bendroflumethiazide               | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Benzthiazide                      | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Bumetanide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Buthiazide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Canrenone                         | ND(20)  | ng/g  | LCMS      |               |
| Chlorothiazide                    | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Chlorthalidone                    | ND(40)  | ng/g  | LCMS      | 18-DEC-2023   |
| Cyclothiazide                     | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Ethacrynic acid                   | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Furosemide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Hydrochlorothiazide               | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Hydroflumethiazide                | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Indapamide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Methiazide                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Methylclothiazide                 | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |
| Metolazone                        | ND(20)  | ng/g  | LCMS      | 19-DEC-2023   |



Sample Id: S-0002069043

| Testing Parameter                 | Result   | Units | Technique | Date analyzed |
|-----------------------------------|----------|-------|-----------|---------------|
| <b>Diuretics</b>                  |          |       |           |               |
| Polythiazide                      | ND(20)   | ng/g  | LCMS      | 19-DEC-2023   |
| Quinethazone                      | ND(20)   | ng/g  | LCMS      | 19-DEC-2023   |
| Spirolactone                      | ND(20)   | ng/g  | LCMS      |               |
| Triamterene                       | ND(20)   | ng/g  | LCMS      | 18-DEC-2023   |
| Trichlormethiazide                | ND(20)   | ng/g  | LCMS      | 19-DEC-2023   |
| <b>Hormone Antagonists</b>        |          |       |           |               |
| Aminoglutethimide                 | ND(20)   | ng/g  | LCMS      | 19-DEC-2023   |
| Anastrozole                       | ND(20)   | ng/g  | LCMS      | 18-DEC-2023   |
| Androsta-1,4,6-trien-17b-ol-3-one | ND(20)   | ng/g  | LCMS      |               |
| Androsta-1,4,6-trienedione        | ND(20)   | ng/g  | LCMS      |               |
| Androsta-3,5-diene-7,17-dione     | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| 5a-Androstan-17b-ol-3,6-dione     | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| 5a-Androstan-3,6,17-trione        | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| 4-Androsten-3,6,17-trione         | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| Clomiphene                        | ND(20)   | ng/g  | LCMS      |               |
| Cyclofenil                        | ND(20)   | ng/g  | LCMS      |               |
| N-Desmethyltamoxifen              | ND(20)   | ng/g  | LCMS      |               |
| Formestane                        | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| Fulvestrant                       | ND(20)   | ng/g  | LCMS      |               |
| Letrozole                         | ND(40)   | ng/g  | LCMS      |               |
| Raloxifene                        | ND(20)   | ng/g  | LCMS      |               |
| Tamoxifen                         | ND(20)   | ng/g  | LCMS      |               |
| Testolactone                      | ND(20)   | ng/g  | LCMS      |               |
| Toremifene                        | ND(20)   | ng/g  | LCMS      |               |
| 6-alpha-bromoandrostadiendione    | ND(20)   | ng/g  | LCMS      |               |
| 6-alpha-bromoandrostenedione      | ND(20)   | ng/g  | LCMS      |               |
| 6-alpha-bromotestosterone         | ND(20)   | ng/g  | LCMS      |               |
| 6-beta-bromoandrostadiendione     | ND(20)   | ng/g  | LCMS      |               |
| 6-beta-bromoandrostenedione       | ND(20)   | ng/g  | LCMS      |               |
| 6-beta-bromotestosterone          | ND(20)   | ng/g  | LCMS      |               |
| <b>Masking Agents</b>             |          |       |           |               |
| Dutasteride                       | ND(20)   | ng/g  | LCMS      |               |
| Epitestosterone                   | ND(20)   | ng/g  | GCMS      | 20-DEC-2023   |
| Finasteride                       | ND(20)   | ng/g  | LCMS      |               |
| Probenecid                        | ND(20)   | ng/g  | LCMS      | 19-DEC-2023   |
| <b>Narcotics/Cannabinoids</b>     |          |       |           |               |
| JWH-018                           | ND(5.0)  | ng/g  | LCMS      |               |
| JWH-073                           | ND(5.0)  | ng/g  | LCMS      |               |
| HU-210                            | ND(20)   | ng/g  | LCMS      |               |
| Codeine                           | ND(10)   | ng/g  | LCMS      | 18-DEC-2023   |
| LSD                               | ND(10)   | ng/g  | LCMS      | 18-DEC-2023   |
| Morphine                          | ND(100)  | ng/g  | LCMS      | 18-DEC-2023   |
| Oxycodone                         | ND(10)   | ng/g  | LCMS      | 18-DEC-2023   |
| Phencyclidine                     | ND(10)   | ng/g  | LCMS      | 18-DEC-2023   |
| delta-10-THC                      | ND(100)  | ng/g  | LCMS      |               |
| delta-8-THC                       | ND(100)  | ng/g  | LCMS      |               |
| delta-9-THC                       | 160      | ng/g  | LCMS      |               |
| 4-hydroxybutanoic acid (GHB)      | ND(1000) | ng/g  | GCMS      | 19-DEC-2023   |
| <b>Stimulants</b>                 |          |       |           |               |
| Adrafinil                         | ND(25)   | ng/g  | LCMS      | 19-DEC-2023   |





Sample Id: **S-0002069043**

| Testing Parameter                   | Result | Units | Technique | Date analyzed |
|-------------------------------------|--------|-------|-----------|---------------|
| <b>Stimulants</b>                   |        |       |           |               |
| 6-Amino-2-methyl-2-heptanol         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| 2-Aminoheptane                      | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Amiphenazole                        | ND(40) | ng/g  | LCMS      | 19-DEC-2023   |
| Amphetamine                         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Benfluorex                          | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Benzphetamine                       | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Benzylpiperazine                    | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Bromantan                           | ND(25) | ng/g  | LCMS      |               |
| Carphedone                          | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Cathine                             | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| p-Chloroamphetamine                 | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Chlorphentermine                    | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Clobenzorex                         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Cocaine                             | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Cropropamide                        | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Crotethamide                        | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Deprenyl                            | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N-Desmethylselegiline               | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N-Desmethylsibutramine              | ND(25) | ng/g  | LCMS      |               |
| Deterenol                           | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N,N-Didesmethylsibutramine          | ND(25) | ng/g  | LCMS      |               |
| N,a-Diethylphenylethylamine         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N,b-Diethylphenylethylamine         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Diethylpropion                      | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N,N-Dimethyl-2-phenylpropan-1-amine | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Dimethylamphetamine                 | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| 1,3-Dimethylbutylamine              | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| N,N-Dimethylphenylethylamine        | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Ephedrine                           | ND(10) | ng/g  | LCMS      | 18-DEC-2023   |
| Ethamivan                           | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Ethylamphetamine                    | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Etilefrine                          | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Famprofazone                        | ND(25) | ng/g  | LCMS      |               |
| Fenbutrazate                        | ND(25) | ng/g  | LCMS      |               |
| Fencamfamine                        | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Fencamine                           | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Fenetylline                         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Fenfluramine                        | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Fenproporex                         | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Furfenorex                          | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| 4-Hydroxyamphetamine                | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Isometheptene                       | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| 3,4-MDA                             | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| 3,4-MDMA                            | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Mazindol                            | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Meclofenoxate                       | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Mefenorex                           | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Mephentermine                       | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |
| Mesocarb                            | ND(25) | ng/g  | LCMS      |               |
| Methamphetamine                     | ND(25) | ng/g  | LCMS      | 18-DEC-2023   |



Sample Id: S-0002069043

| Testing Parameter             | Result  | Units | Technique | Date analyzed |
|-------------------------------|---------|-------|-----------|---------------|
| <b>Stimulants</b>             |         |       |           |               |
| 2-Methoxyphenylethylamine     | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Methyl-(3-phenylpropyl)-amine | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| 4-Methylamphetamine           | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Methylephedrine               | ND(10)  | ng/g  | LCMS      | 18-DEC-2023   |
| Methylhexanamine              | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| N-Methylphenethylamine        | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| beta-Methylphenethylamine     | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Methylphenidate               | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| N-Methylpseudoephedrine       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Methylsynephrine              | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Modafinil                     | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Nikethamide                   | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Norfenefrine                  | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Norfenfluramine               | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Octopamine                    | ND(100) | ng/g  | LCMS      | 18-DEC-2023   |
| Oxethazaine                   | ND(25)  | ng/g  | LCMS      |               |
| Pemoline                      | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Pentylentetrazole             | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phendimetrazine               | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phenmetrazine                 | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phenpentermine                | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phenpromethamine              | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phentermine                   | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| 1-Phenyl-2-butanamine         | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| 1-Phenylpentan-2-amine        | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Phenylpropanolamine           | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Prenylamine                   | ND(25)  | ng/g  | LCMS      |               |
| Prolintane                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Propylhexadrine               | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Pseudoephedrine               | ND(10)  | ng/g  | LCMS      | 18-DEC-2023   |
| Pyrovalerone                  | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Sibutramine                   | ND(25)  | ng/g  | LCMS      |               |
| Strychnine                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Trimetazidine                 | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| 2-amino-5-methylhexane        | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| 2-amino-6-methylheptane       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| <b>Beta Blockers</b>          |         |       |           |               |
| Acebutolol                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Alprenolol                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Atenolol                      | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Betaxolol                     | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Bisoprolol                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Carteolol                     | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Esmolol                       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Levobunolol                   | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Metoprolol                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Nadolol                       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Oxprenolol                    | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Pindolol                      | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Propranolol                   | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |



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| Testing Parameter                             | Result  | Units | Technique | Date analyzed |
|---|---------|-------|-----------|---------------|
| <b>Beta Blockers</b>                          |         |       |           |               |
| Sotalol                                       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| Timolol                                       | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| <b>Selective Androgen Receptor Modulators</b> |         |       |           |               |
| S-1   | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| LGD-4033                                      | ND(5.0) | ng/g  | LCMS      |               |
| C-6   | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| Andarine                                      | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| CAS#541497-95-4                               | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| Ostarine                                      | ND(5)   | ng/g  | LCMS      | 19-DEC-2023   |
| <b>Metabolic Modulators</b>                   |         |       |           |               |
| AICAR   | ND(25)  | ng/g  | LCMS      | 18-DEC-2023   |
| GW0742  | ND(10)  | ng/g  | LCMS      | 19-DEC-2023   |
| GW501516                                      | ND(10)  | ng/g  | LCMS      | 19-DEC-2023   |
| <b>Growth Hormone Secretagogues</b>           |         |       |           |               |
| GHRP-1  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| GHRP-2  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| LGD-2226                                      | ND(5.0) | ng/g  | LCMS      |               |
| GHRP-4  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| GHRP-5  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| GHRP-6  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| Alexamorelin                                  | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| Anamorelin                                    | ND(5.0) | ng/g  | LCMS      |               |
| Hexarelin                                     | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |
| Ibutamoren                                    | ND(5.0) | ng/g  | LCMS      |               |
| Ipamorelin                                    | ND(200) | ng/g  | LCMS      | 18-DEC-2023   |

**Sample Notes** [S-0002069043]:

During GCMS analysis, the following compounds did not meet the laboratory quality control criteria for the sample tested: 2-Androsten-17-one, 4-Androsten-3b,17a-diol, 5a-Androstan-3a,. The laboratory results were acceptable relative to the maximum report thresholds stated in the NSF Certified for Sport Program - Guideline 306.



**Job Notes:**

Conformance assessment for delta-8-THC was performed under NSF Deviation # 2023-008.

**Testing Laboratories:**

|   |          |   |  |
|---|----------|---|--|
| <p>All work performed at: _____<br/>         (Unless otherwise specified)</p> | <p>→</p> | <p><b>Id</b><br/>         -----<br/>         NSF_AA</p> | <p><b>Address</b><br/>         -----<br/>         NSF<br/>         789 N. Dixboro Road<br/>         Ann Arbor MI 48105</p> |
|---|----------|---|--|

**References to Testing Procedures:**

| <b>NSF Reference</b><br>----- | <b>Parameter / Test Description</b><br>-----                                |
|-------------------------------|---|
| C0432                         | Anabolic Agents Semi-Quantitative by GC/MS in Product                       |
| C1032                         | * Dietary Supplements Lab Summary Test Code                                 |
| C1118                         | Stimulants Semi-Quantitative by LC/MS in Product, ABS Screen                |
| C1120                         | Diuretics Semi-Quantitative by LCMS in Product, ABS Screen                  |
| C1221                         | Stimulants Semi-Quantitative by HILIC/MS in Product, ABS Screen             |
| C1222                         | GHRPs Semi-Quantitative by LC/HRMS in Product, ABS Screen                   |
| C1225                         | GHB Semi-Quantitative by GC/MS in Product                                   |
| C1230                         | ABS Portion & Weigh Date  |
| C1317                         | SARMS Semi-Quantitative by LC/MS in Product, ABS Screen                     |
| C1546                         | Diverted Steroids semi-quantitative by LCHRMS, Product with CBD, ABS Screen |
| C1547                         | Steroids semi-quantitative by LCMS products with CBD, ABS Screen            |

Test descriptions preceded by an asterisk "\*" indicate that testing has been performed per NSF requirements but is not within its scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.

**Dates of Laboratory Activity: 14-DEC-2023 to 02-JAN-2024**