eurofins | Food Integrity & Innovation

**Report Number:** 4934234-3
**Report Date:** 27-May-2026
**Report Status:** Final

# Certificate of Analysis

## Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

| | | | |
|---|---|---|---|
| **Sample Name:** | **250509-76354 - Composite** | **Eurofins Sample:** | **15309129** |
| **Project ID** | CHARLO_WEB-20250513-0166 | **Receipt Date** | 22-May-2026 |
| **PO Number** | QC 325 | **Receipt Condition** | Ambient temperature |
| **Sample Serving Size** | 10 g | **Login Date** | 25-May-2026 |
| **Description** | Monster Kush CBD Flower | **Date Started** | 26-May-2026 |
| | | **Sampled** | Sample results apply as received |
| | | **Online Order** | 901-2025-E042112 |

| Analysis | Result |
|---|---|
| **Industrial Hemp Cannabinoid Profile** | |
| CBDVA | None detected at detection limit of 0.0004 % |
| CBDV | <0.200 mg/Serving Size |
| CBDA | None detected at detection limit of 0.0004 % |
| CBGA | None detected at detection limit of 0.0004 % |
| CBG | None detected at detection limit of 0.0008 % |
| CBD | 16.6 mg/Serving Size |
| THCV | None detected at detection limit of 0.0008 % |
| CBN | None detected at detection limit of 0.0004 % |
| Delta 9-THC | None detected at detection limit of 0.0008 % |
| Delta 8-THC | None detected at detection limit of 0.0017 % |
| THCA | None detected at detection limit of 0.0017 % |
| CBC | None detected at detection limit of 0.0008 % |
| THCVA | None detected at detection limit of 0.0004 % |
| CBNA | None detected at detection limit of 0.0004 % |
| CBCA | None detected at detection limit of 0.0017 % |
| CBL | None detected at detection limit of 0.0004 % |
| Total Cannabinoids | 16.6 mg/Serving Size |
| Total THC (THC + (THCA x 0.877)) | Not Detected mg/Serving Size |
| Total CBD (CBD + (CBDA x 0.877)) | 16.6 mg/Serving Size |

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| Analysis | Result |
|---|---|
| **Industrial Hemp Cannabinoid Profile** | |
| Total THC (THC + (THCA x 0.877)) | Not Detected |
| Total CBD (CBD + (CBDA x 0.877)) | 493 mg/container |
| **Elements by ICP Mass Spectrometry** | |
| Arsenic | <10.0 ppb |
| Cadmium | <5.00 ppb |
| Mercury | <5.00 ppb |
| Lead | <5.00 ppb |
| **Mycotoxins in Raw Materials** | |
| 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 Aflatoxins B1, B2, G1, and G2 | <2.00 ppb |
| **Glyphosate and AMPA** | |
| Glyphosate | <10.0 ng/g |
| AMPA | <10.0 ng/g |

| Analysis | Limit | Result | Pass/Fail |
|---|---|---|---|
| **BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices** | | | |
| **Category I Residual Solvent or Processing Chemical** | | | |
| Benzene | | <1.0 ppm | |
| Chloroform | | <1.0 ppm | |
| 1,2-Dichloroethane | | <1.0 ppm | |
| Ethylene Oxide | | <25.0 ppm | |
| Methylene Chloride | | <1.0 ppm | |
| Trichloroethylene | | <1.0 ppm | |
| 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** | | | |

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| Analysis | Limit | Result | Pass/Fail |
|---|---|---|---|
| **BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices** | | | |
| Acetone | | <180 ppm | |
| Acetonitrile | | <180 ppm | |
| n-Butane | | <500 ppm | |
| Ethanol | | <1000 ppm | |
| Ethyl Acetate | | <1000 ppm | |
| Ethyl Ether | | <1000 ppm | |
| Heptane | | <50.0 ppm | |
| n-Hexane | | <30.0 ppm | |
| Methanol | | <1000 ppm | |
| n-Pentane | | <25.0 ppm | |
| Propane | | <1000 ppm | |
| Isopropyl Alcohol | | <1000 ppm | |
| Toluene | | <85.0 ppm | |
| Xylenes (ortho-, meta-, para-) | | <160 ppm | |
| The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. * | | - | |
| **Multi-Residue Analysis for hemp products - BCC Pesticide List** | | | |
| 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 |

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| Analysis | Limit | Result | Pass/Fail |
|---|---|---|---|
| **Multi-Residue Analysis for hemp products - BCC Pesticide List** | | | |
| 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 |
| Imidacloprid | 3 mg/kg | <0.10 mg/kg | Pass |
| Kresoxim-methyl | 1 mg/kg | <0.10 mg/kg | Pass |

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| Analysis | Limit | Result | Pass/Fail |
|---|---|---|---|
| **Multi-Residue Analysis for hemp products - BCC Pesticide List** | | | |
| 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 |
| Spirotetramat | 13 mg/kg | <0.10 mg/kg | Pass |
| Spiroxamine | 0.1 mg/kg | <0.10 mg/kg | Pass |

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| Analysis | Limit | Result | Pass/Fail |
|---|---|---|---|
| **Multi-Residue Analysis for hemp products - BCC Pesticide List** | | | |
| 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)** | **Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA |
| Internally Developed Method | |
| **Elements by ICP Mass Spectrometry (ICP_MS_S)** | **Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA |
| Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified). | |
| **Glyphosate and AMPA (GLY_AMPA_S)** | **Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA |
| Internally developed method. | |

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| Method References | Testing Location |
|---|---|

**Industrial Hemp Cannabinoid Profile (IHCBD_S)**

**Food Integrity Innovation-Madison**
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

**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.

**Mycotoxins in Raw Materials (MYCO_REG_S)**

**Food Integrity Innovation-Madison**
6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

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| **Report Number:** | **4934234-3** |
| **Report Date:** | **27-May-2026** |
| **Report Status:** | **Final** |

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| **Testing Location(s)** | **Released on Behalf of Eurofins by** |
|---|---|
| **Food Integrity Innovation-Madison**<br><br>Eurofins Food Chemistry Testing Madison, Inc.<br>6304 Ronald Reagan Ave<br>Madison WI 53704<br>800-675-8375 | **Edward Ladwig - President Eurofins Food Chemistry Testing Madison**<br><br>ilac-MRA A2LA ACCREDITED<br>2918.01 |

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