

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	250902-54110 - Composite	Eurofins Sample:	15693921
Project ID	CHARLO_WEB-20250903-0299	Receipt Date	08-Sep-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	8 g	Login Date	03-Sep-2025
Description	CW Calm Gummy Bulk	Date Started	08-Sep-2025
	3	Sampled	Sample results apply as received
	MFG: September 2 2025	Online Order	901-2025-E077182
	EXP: September 2 2027		

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	None detected at detection limit of 0.0004 %
CBDV	<0.200 mg/Serving Size
CBDA	<0.200 mg/Serving Size
CBGA	None detected at detection limit of 0.0004 %
CBG	0.232 mg/Serving Size
CBD	12.1 mg/Serving Size
THCV	None detected at detection limit of 0.0008 %
CBN	None detected at detection limit of 0.0004 %
Delta 9-THC	0.256 mg/Serving Size
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	0.382 mg/Serving Size
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	13.0 mg/Serving Size
Total THC (THC + (THCA x 0.877))	0.256 mg/Serving Size
Total CBD (CBD + (CBDA x 0.877))	12.1 mg/Serving Size
Total THC (THC + (THCA x 0.877))	0.768 mg/container
Total CBD (CBD + (CBDA x 0.877))	36.4 mg/container

Elements by ICP Mass Spectrometry

* This analysis or component is not ISO accredited.

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Page 1 of 8

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Analysis	Result
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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
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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

Acetone	<180 ppm
Acetonitrile	<180 ppm

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

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
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran	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			
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
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

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

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

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

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

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

Method References	Testing Location
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BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

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_AMPAS)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally developed method

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Page 6 of 8

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Method References	Testing Location
<p>Industrial Hemp Cannabinoid Profile (IHCBD_S)</p> <p>Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).</p>	<p>Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)</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>Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)</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>Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA</p>
<p>Mycotoxins in Raw Materials (MYCO_REG_S)</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>Food Integrity Innovation-Madison 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



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.

Eurofins Microbiology Laboratory (Colorado)

 1371 Horizon Avenue
 Lafayette, Colorado 80026
 +1 720-758-6010
 Micro-Colorado@eurofinsUS.com

CW Hemp - 01

Client Code: EI0000238

PO#: QC 325

 Rupa Das
 700 Tech Ct
 Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-018481-01

Received On: 09Sep2025

Reported On: 14Sep2025

Order Code: 006-10547-2122968

Eurofins Sample Code: 397-2025-09090032	Sample Registration Date: 09Sep2025
Client Sample Code: 250902-56110-60 - Composite	Condition Upon Receipt: acceptable, 16.9°C
Sample Description: CW Calm Gummy 60ct	Sample Reference:

UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 11Sep2025
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Parameter	Result
Total Coliforms	< 10 cfu/g
E. coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 10Sep2025
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Parameter	Result
Salmonella spp.	Not Detected per 25 g

UMJI2 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 14Sep2025
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Parameter	Result
Yeast	< 10 cfu/g
Mold	< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 11Sep2025
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Parameter	Result
Aerobic Plate Count	10 (est) cfu/g

CW Hemp - 01

Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-018481-01

Client Code: EI0000238

PO#: QC 325

Received On: 09Sep2025

Reported On: 14Sep2025

Order Code: 006-10547-2122968

Respectfully Submitted,



Jake Gilgen
Laboratory Manager 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 | A number or a √ 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

CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-006 R0

SOP: QA-001

PRODUCT NAME: Calm Gummy 60ct

BATCH NUMBER: 250902-56110-60 **EXPIRATION DATE:** 09/27

PARAMETER	SPECIFICATION	TESTING METHOD	PASS	BY/DATE
Odor	Conforms	Organoleptic Inspection	YES <input checked="" type="radio"/> NO <input type="radio"/> N/A <input type="radio"/>	Q34 12 SEP 2025 NAH
Visual	Color	Organoleptic Inspection	YES <input checked="" type="radio"/> NO <input type="radio"/> N/A <input type="radio"/>	Q34 12 SEP 2025 NAH
	Shape	Organoleptic Inspection	YES <input checked="" type="radio"/> NO <input type="radio"/> N/A <input type="radio"/>	Q34 12 SEP 2025 NAH
	Uniformity	Organoleptic Inspection	YES <input type="radio"/> NO <input type="radio"/> N/A <input checked="" type="radio"/>	Q34 12 SEP 2025 NAH
	Foreign Material	Free	Organoleptic Inspection	YES <input checked="" type="radio"/> NO <input type="radio"/> N/A <input type="radio"/>
Texture	Smooth	Organoleptic Inspection	YES <input type="radio"/> NO <input type="radio"/> N/A <input checked="" type="radio"/>	Q34 12 SEP 2025 NAH
Taste	Conforms	Organoleptic Inspection	YES <input checked="" type="radio"/> NO <input type="radio"/> N/A <input type="radio"/>	Q34 12 SEP 2025 NAH

PERFORMED BY/DATE: NAH **REVIEWED BY/DATE:** GSM 12SEP25

Form No.	QA-FM-006
Version No.	0

CONTROLLED FORM



DOCUMENT NUMBER: QA-FM-044 RI

SOP: QA-002

Product Name Calm Gummy 60ct

Batch Number: 250902-56110-60

Expiration Date 09/27

	
12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_1 4.21 g	12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_6 4.13 g
12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_2 4.14 g	12.Sep 2025 06:56 Balance ID 0094 ----- Sample ID CALM60_7 4.10 g
12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_3 4.21 g	12.Sep 2025 06:56 Balance ID 0094 ----- Sample ID CALM60_8 4.04 g
12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_4 3.98 g	12.Sep 2025 06:56 Balance ID 0094 ----- Sample ID CALM60_9 4.19 g
12.Sep 2025 06:55 Balance ID 0094 ----- Sample ID CALM60_5 4.13 g	12.Sep 2025 06:56 Balance ID 0094 ----- Sample ID CALM60_10 4.13 g
NAH 12 Sep 25	NAH 12 Sep 25
Average Weight <u>4.1g/gummy</u>	

Performed By/Date: NAH 12SEP25

Reviewed By/Date: GSM 12SEP25

Form No.	QA-FM-044
Version No.	1