

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	250815-54133 - Composite	Eurofins Sample:	15639301
Project ID	CHARLO_WEB-20250818-0284	Receipt Date	20-Aug-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	CW Muscle Restore Gummy Bulk	Login Date	18-Aug-2025
	MFG: August 15 2025	Date Started	20-Aug-2025
	EXP: February 15 2027	Sampled	Sample results apply as received
	Number ONLY or NA if Not Needed	Online Order	901-2025-E071765

Analysis	Result
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
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
Carbofuran-3-hydroxy-	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

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
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

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

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
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

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

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 Daminozide

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

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.

Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)

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

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Louisville Colorado 80027 United States

Method References

Testing Location

Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

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



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Certificate of Analysis

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700 Tech Court

Louisville Colorado 80027 United States

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

Rupa Das
700 Tech Ct
Louisville, CO 80027

Client Code: EI0000238
PO#: QC 325

ANALYTICAL REPORT

AR-25-EI-017762-01

Received On: 27Aug2025
Reported On: 01Sep2025

Order Code: 006-10547-2108388

Eurofins Sample Code:	397-2025-08270041	Sample Registration Date:	27Aug2025
Client Sample Code:	250815-56133-60 - Composite	Condition Upon Receipt:	acceptable, 19.6°C
Sample Description:	CW Muscle Restore Gummy 60ct	Sample Reference:	
UM5DP - Total Coliforms - AOAC 991.14		Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11
		Completed 29Aug2025	
Parameter	Result		
Total Coliforms	< 10 cfu/g		
E. coli	< 10 cfu/g		
UMDTC - Salmonella - AOAC-RI 121501		Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11
		Completed 29Aug2025	
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 01Sep2025	
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 29Aug2025	
Parameter	Result		
Aerobic Plate Count	< 10 cfu/g		

CW Hemp - 01

Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-017762-01

Client Code: EI0000238
PO#: QC 325

Received On: 27Aug2025
Reported On: 01Sep2025

Order Code: 006-10547-2108388

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: Muscle Restore Gummy 60ct

BATCH NUMBER: 250815-56133-60 **EXPIRATION DATE:** 02/27

PARAMETER		SPECIFICATION	TESTING METHOD	PASS	BY/DATE
Odor		Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 -5 SEP 2025 VAH
Visual	Color	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 -5 SEP 2025 VAH
	Shape	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 -5 SEP 2025 VAH
	Uniformity	Conforms	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 -5 SEP 2025 VAH
	Foreign Material	Free	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 -5 SEP 2025 VAH
Texture		Smooth	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 -5 SEP 2025 VAH
Taste		Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 -5 SEP 2025 VAH

PERFORMED BY/DATE: VAH **REVIEWED BY/DATE:** ADS

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

CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-044 R1

SOP: QA-002

Product Name Muscle Restore loact

Batch Number: 250815-56133-60

Expiration Date 02/27

NAH

NAH

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_1
3.96 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_2
4.03 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_3
3.99 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_4
3.98 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_5
3.95 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_6
3.99 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_7
3.96 g

5-Sep-2025 08:00
Balance ID 0094

Sample ID MR60_8
3.97 g

5-Sep-2025 08:01
Balance ID 0094

Sample ID MR60_9
3.94 g

5-Sep-2025 08:01
Balance ID 0094

Sample ID MR60_10
3.97 g

NAH 05sep27

NAH 05sep27

Average Weight 4.0g/gummy

034

5 SEP 2025

NAH

035

5 SEP 2025

NAH

Performed By/Date: _____

Reviewed By/Date: _____

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