

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	250915-54135 - Composite	Eurofins Sample:	15737738
Project ID	CHARLO_WEB-20250916-0313	Receipt Date	18-Sep-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	8 g	Login Date	16-Sep-2025
Description	CW Quiet Sleep Gummy Bulk	Date Started	18-Sep-2025
	NA	Sampled	Sample results apply as received
	MFG: September 15 2025	Online Order	901-2025-E081345
	EXP: March 15 2027		

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

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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
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

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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

Calculated Sample Weight (PREP)

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

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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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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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 Rapid 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

ANALYTICAL REPORT

AR-25-EI-020136-01

Client Code: EI0000238
PO#: QC-325

Received On: 22Sep2025

Reported On: 08Oct2025

Order Code: 006-10547-2142872

Eurofins Sample Code:	397-2025-09220008	Sample Registration Date:	22Sep2025
Client Sample Code:	250915-56135-60 - composite	Condition Upon Receipt:	acceptable, 18.8°C
Sample Description:	CW Quiet Sleep Gummy 60ct	Sample Reference:	

UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Sep2025
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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 24Sep2025
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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 28Sep2025
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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 24Sep2025
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Parameter	Result
Aerobic Plate Count	< 10 cfu/g

ZMBAR - Shiga-toxin Escherichia coli producer - AOAC-RI 022003	Reference AOAC-RI 022003	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 01Oct2025
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Parameter	Result
Shiga-toxin Escherichia coli producer	Not Detected per sample

CW Hemp - 01
Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-020136-01

Client Code: EI0000238
PO#: QC-325

Received On: 22Sep2025
Reported On: 08Oct2025

Order Code: 006-10547-2142872

Eurofins Sample Code:	397-2025-09220008	Sample Registration Date:	22Sep2025
Client Sample Code:	250915-56135-60 - composite	Condition Upon Receipt:	acceptable, 18.8°C
Sample Description:	CW Quiet Sleep Gummy 60ct	Sample Reference:	

ZMBG3 - Aspergillus flavus - GENE-UP™ Reference	Accreditation	Completed	Sub
Aspergillus PRO IS1086	GENE-UP™ Aspergillus PRO IS1086	08Oct2025	1

Parameter	Result
Aspergillus flavus	Not Detected per 1 g
Aspergillus fumigatus	Not Detected per 1 g
Aspergillus niger	Not Detected per 1 g
Aspergillus terreus	Not Detected per 1 g

Subcontracting partners:
1 - Eurofins Microbiology Laboratories (Lancaster), Pennsylvania

Respectfully Submitted,


Jake Gilgen
Assistant Laboratory Manager



Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | 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: Quiet Sleep 6Oct

BATCH NUMBER: 250915-56135-60 **EXPIRATION DATE:** 03/27

PARAMETER		SPECIFICATION	TESTING METHOD	PASS	BY/DATE
Odor		Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 26 SEP 2025 NAH
Visual	Color	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 26 SEP 2025 NAH
	Shape	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 26 SEP 2025 NAH
	Uniformity	Conforms	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 26 SEP 2025 NAH
	Foreign Material	Free	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 26 SEP 2025 NAH
Texture		Smooth	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 26 SEP 2025 NAH
Taste		Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 26 SEP 2025 NAH

PERFORMED BY/DATE: 034
26 SEP 2025
NAH **REVIEWED BY/DATE:** 035
- 1 OCT 2025
ADS

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

CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-044 R1

SOP: QA-002

Product Name Quiet Sleep 60ct

Batch Number: 250915-56135-60

Expiration Date 03/27

			
26.Sep.2025	07:04	26.Sep.2025	07:05
Balance ID	0094	Balance ID	0094
Sample ID	0560_1	Sample ID	0560_6
4.10 g		4.05 g	
26.Sep.2025	07:04	26.Sep.2025	07:05
Balance ID	0094	Balance ID	0094
Sample ID	0560_2	Sample ID	0560_7
4.07 g		4.12 g	
26.Sep.2025	07:04	26.Sep.2025	07:05
Balance ID	0094	Balance ID	0094
Sample ID	0560_3	Sample ID	0560_8
4.08 g		4.11 g	
26.Sep.2025	07:05	26.Sep.2025	07:05
Balance ID	0094	Balance ID	0094
Sample ID	0560_4	Sample ID	0560_9
4.07 g		4.08 g	
26.Sep.2025	07:05	26.Sep.2025	07:05
Balance ID	0094	Balance ID	0094
Sample ID	0560_5	Sample ID	0560_10
4.13 g		4.07 g	
NAH 26Sep25		NAH 26Sep25	
		Average Weight <u>4.1 g/gummy</u>	

Performed By/Date: NAH 26Sep25

Reviewed By/Date: ADS 26Sep25

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