

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0042 %
CBDV	<0.0999 mg/Serving Size
CBDA	0.316 mg/Serving Size
CBGA	None detected at detection limit of 0.0042 %
CBG	1.07 mg/Serving Size
CBD	52.1 mg/Serving Size
THCV	None detected at detection limit of 0.0083 %
CBN	0.410 mg/Serving Size
Delta 9-THC	0.971 mg/Serving Size
Delta 8-THC	None detected at detection limit of 0.0167 %
THCA	None detected at detection limit of 0.0167 %
CBC	2.41 mg/Serving Size
THCVA	None detected at detection limit of 0.0042 %
CBNA	None detected at detection limit of 0.0042 %
CBCA	None detected at detection limit of 0.0167 %
CBL	0.125 mg/Serving Size
Total Cannabinoids	57.4 mg/Serving Size
Total THC (THC + (THCA x 0.877))	0.971 mg/Serving Size
Total CBD (CBD + (CBDA x 0.877))	52.4 mg/Serving Size
Total THC (THC + (THCA x 0.877))	58.3 mg/container
Total CBD (CBD + (CBDA x 0.877))	3140 mg/container
Total CBD (CBD + (CBDA x 0.877))	3140 mg/container
Calculated Sample Weight *	
Entity Weight	0.7538 g
Entity Fill Weight	0.3995 g

*** This analysis or component is not ISO accredited.**

Printed: 12-Feb-2025 5:32 pm

Page 1 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

Analysis	Result
Elements by ICP Mass Spectrometry	
Lead	29.5 ppb
Arsenic	13.6 ppb
Cadmium	13.1 ppb
Mercury	<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	<25.0 ng/g
AMPA	<50.0 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			
Acetone		<180 ppm	
Acetonitrile		<180 ppm	
n-Butane		<500 ppm	

* This analysis or component is not ISO accredited.

Printed: 12-Feb-2025 5:32 pm

Page 2 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
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. *			
Summed Group 1 (Butanes)			
Isobutane (2-Methylpropane)		<500 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	
3-Ethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	

* This analysis or component is not ISO accredited.

Printed: 12-Feb-2025 5:32 pm

Page 3 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

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
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

* This analysis or component is not ISO accredited.

Printed: 12-Feb-2025 5:32 pm

Page 4 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

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

*** This analysis or component is not ISO accredited.**

Printed: 12-Feb-2025 5:32 pm

Page 5 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	A25052 - Composite	Eurofins Sample:	14955497
Project ID	CHARLO_WEB-20250203-0036	Receipt Date	06-Feb-2025
PO Number	QC 325	Receipt Condition	Ambient temperature
Sample Serving Size	1 Softgel	Login Date	03-Feb-2025
Description	CW 50mg Full Spectrum Soft Gel Bulk 60 MFG: January 30 2025EXP: January 30 2027	Date Started	06-Feb-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E010090

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	<0.10 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.

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
-------------------	------------------

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

* This analysis or component is not ISO accredited.

Printed: 12-Feb-2025 5:32 pm

Page 6 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Method References	Testing Location
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S) Internally Developed Method	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Calculated Sample Weight (PREP)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Elements by ICP Mass Spectrometry (ICP_MS_S) Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Glyphosate and AMPA (GLY_AMP_A_S) Internally developed method.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Industrial Hemp Cannabinoid Profile (IHCBD_S) Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified). <i>CEN Standard Method EN 15662</i> : 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.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01</i> , Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified). <i>CEN Standard Method EN 15662</i> : 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.	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

* This analysis or component is not ISO accredited.

Printed: 12-Feb-2025 5:32 pm

Page 7 of 8

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court

Louisville Colorado 80027 United States

Method References

Testing Location

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



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 - 11

Nathan Hordyk
700 Tech Ct.
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-010037-01

Client Code: EI0000391
PO#: QC 325

Received On: 09May2025
Reported On: 14May2025

Order Code: 006-10547-1944238

Eurofins Sample Code:	397-2025-05090018	Sample Registration Date:	09May2025
Client Sample Code:	A25052 - Composite	Condition Upon Receipt:	acceptable, 21.8°C
Sample Description:	CW 50mg Soft Gel 60ct	Sample Reference:	

UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 11May2025
--	---------------------------------	--	-------------------------------

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 10May2025
--	------------------------------------	--	-------------------------------

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 14May2025
--	---	--	-------------------------------

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 11May2025
--	---------------------------------	--	-------------------------------

Parameter	Result
Aerobic Plate Count	< 10 cfu/g

CW Hemp - 11

Nathan Hordyk
700 Tech Ct.
Louisville, CO 80027

ANALYTICAL REPORT

AR-25-EI-010037-01

Client Code: EI0000391
PO#: QC 325

Received On: 09May2025
Reported On: 14May2025

Order Code: 006-10547-1944238

Respectfully Submitted,



Krystian Naope
Laboratory Supervisor

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: 50 mg CBD Soft Gels

BATCH NUMBER: A25052

EXPIRATION DATE: JAN 2025

PARAMETER		SPECIFICATION	TESTING METHOD	PASS	BY/DATE
Odor		Conforms	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 16 MAY 2025 NAH
Visual	Color	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 16 MAY 2025 NAH
	Shape	Conforms	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 16 MAY 2025 NAH
	Uniformity	Conforms	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 16 MAY 2025 NAH
	Foreign Material	Free	Organoleptic Inspection	YES ☒ NO ☐ N/A ☐	034 16 MAY 2025 NAH
Texture		Smooth	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 16 MAY 2025 NAH
Taste		Conforms	Organoleptic Inspection	YES ☐ NO ☐ N/A ☒	034 16 MAY 2025 NAH

PERFORMED BY/DATE: 034 16 MAY 2025 NAH REVIEWED BY/DATE: 034 16 MAY 2025 ADS

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