

Eurofins Microbiology Laboratory (Colorado)

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

CW Hemp - 06

Breanna Lash
700 Tech Ct
Louisville, CO 80027

Client Code: EI0000237
PO#: QC 325

Received On: 13Jan2023
Reported On: 18Jan2023

ANALYTICAL REPORT

AR-23-EI-000914-01

Eurofins Sample Code: 397-2023-01130024	Sample Registration Date: 13Jan2023
Client Sample Code: 300202F-B - Composite	Condition Upon Receipt: acceptable, 12.8°C
Sample Description: Hip and Joint Pet Chew 60ct	Sample Reference:

UM4BV - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 18Jan2023
--	---	--	-------------------------------

Parameter	Result
Yeast	< 10 cfu/g
Parameter	Result
Moulds	100 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 14Jan2023
--	------------------------------------	--	-------------------------------

Parameter	Result
Salmonella	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Jan2023
---	------------------------------------	--	-------------------------------

Parameter	Result
Staphylococcus aureus	< 10 cfu/g

UMPRE - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Jan2023
--	---------------------------------	--	-------------------------------

Parameter	Result
Aerobic Plate Count	230 (est) cfu/g

ZM3KP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Jan2023
--	---------------------------------	--	-------------------------------

Parameter	Result
Coliforms	< 10 cfu/g

Breanna Lash
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-23-EI-000914-01

Received On: 13Jan2023

Reported On: 18Jan2023

Eurofins Sample Code: 397-2023-01130024	Sample Registration Date: 13Jan2023
Client Sample Code: 300202F-B - Composite	Condition Upon Receipt: acceptable, 12.8°C
Sample Description: Hip and Joint Pet Chew 60ct	Sample Reference:

ZM3KP - E. coli - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Jan2023
--------------------------------------	---------------------------------	--	-------------------------------

Parameter	Result
Escherichia coli	< 10 cfu/g

Respectfully Submitted,



 A handwritten signature in black ink, appearing to read 'Jordan Shaw', written over a horizontal line.

Jordan Shaw
Business Unit 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 | √ 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 request.

Prepared for:

Hip and Joint Pet Chew Bulk

CWB HOLDINGS, INC


Batch ID or Lot Number: 300202F0724 - Composite	Test: Potency	Reported: 1/16/23	Location: 700 Tech Ct. Louisville, CO 80027
---	-------------------------	-----------------------------	---


Matrix: Concentrate	Test ID: T000232164	Started: 1/13/23	USDA License: N/A
------------------------	------------------------	---------------------	----------------------

Status: Active	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	Received: 01/12/2023 @ 08:50 AM	Sampler ID: N/A
-------------------	--	------------------------------------	--------------------

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.013	0.044	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.014	0.049	ND	ND	
Cannabidiolic acid (CBDA)	0.016	0.056	ND	ND	
Cannabidiol (CBD)	0.016	0.055	0.078	0.78	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.016	0.054	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.031	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.013	0.046	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.024	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	ND	ND	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.019	ND	ND	
Total Cannabinoids			0.078	0.78	
Total Potential THC**			ND	ND	
Total Potential CBD**			0.078	0.78	

Prepared by: 
Sam Smith
16-Jan-23
1:38 PM

Approved by: 
Karen Winternheimer
16-Jan-23
1:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02



CONTROLLED FORM

DOCUMENT NUMBER: QA-FM-044

SOP: QS-009

Batch Number: 300202F-B

By/Date ARP 20 JAN 23

ARP 20 JAN 23

ARP 20 JAN 23

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-1
3.94 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-2
3.99 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-3
3.94 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-4
3.92 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-5
3.93 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-6
3.86 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-7
3.91 g

19.Jan 2023 16:06
Balance ID 0094

Sample ID 300202F-B-8
3.93 g

19.Jan 2023 16:07
Balance ID 0094

Sample ID 300202F-B-9
3.88 g

19.Jan 2023 16:07
Balance ID 0094

Sample ID 300202F-B-10
3.92 g

ARP

ARP

Average \approx 3.9 g/chew ARP 20 JAN 23

Performed By/Date: ARP 20 JAN 23

Reviewed By/Date: RW 23 Jan 23

Form No.	QS-FM-044
Version No.	0

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	300202F0724 - Composite	Eurofins Sample:	12520983
Project ID	CHARLO_WEB-20230105-0001	Receipt Date	12-Jan-2023
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	Hip and Joint Pet Chew Bulk MFG Jan 2 2023 EXP July 2 2024	Login Date	05-Jan-2023
		Date Started	13-Jan-2023
		Sampled	Sample results apply as received
		Online Order	901-2023-E000654

Analysis	Result
----------	--------

Determination of Chondroitin Sulfate by Enzymatic UPLC - Pet food *

Chondroitin disaccharide di-4S sodium salt	6.63 mg/g
Chondroitin disaccharide di-6S sodium salt	1.67 mg/g
Chondroitin disaccharide di-0S sodium salt	<0.050 mg/g
Total Chondroitin Disaccharides	8.31 mg/g
Chondroitin Sulfate A (Equivalent to USP Chondroitin Sulfate Reference Standard)	7.93 mg/g
Chondroitin Sulfate C (Equivalent to USP Chondroitin Sulfate Reference Standard)	2.00 mg/g
Nonsulfate Chondroitin (Equivalent to USP Chondroitin Sulfate Reference Standard)	<0.050 mg/g
Total Chondroitins (Equivalent to USP Chondroitin Sulfate Reference Standard)	9.94 mg/g

Glyphosate and AMPA

Glyphosate	<100 ng/g
AMPA	<100 ng/g

Analysis	Limit	Result	Pass/Fail
----------	-------	--------	-----------

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices

Category I Residual Solvent or Processing Chemical

1,2-Dichloroethane	1.0 ppm	<1.0 ppm	Pass
Benzene	1.0 ppm	<1.0 ppm	Pass
Chloroform	1.0 ppm	<1.0 ppm	Pass
Ethylene Oxide	25.0 ppm	<25.0 ppm	Pass
Methylene Chloride	1.0 ppm	<1.0 ppm	Pass
Trichloroethylene	1.0 ppm	<1.0 ppm	Pass

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

Isopropal Alcohol	5000 ppm	<500 ppm	Pass
Acetone	5000 ppm	<200 ppm	Pass
Acetonitrile	410 ppm	<200 ppm	Pass
Ethanol	5000 ppm	1350 ppm	Pass
Ethyl Acetate	5000 ppm	<500 ppm	Pass
Ethyl Ether	5000 ppm	<500 ppm	Pass

* This analysis or component is not ISO accredited.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	300202F0724 - Composite	Eurofins Sample:	12520983
Project ID	CHARLO_WEB-20230105-0001	Receipt Date	12-Jan-2023
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	Hip and Joint Pet Chew Bulk	Login Date	05-Jan-2023
	MFG Jan 2 2023	Date Started	13-Jan-2023
	EXP July 2 2024	Sampled	Sample results apply as received
		Online Order	901-2023-E000654

Analysis	Limit	Result	Pass/Fail
----------	-------	--------	-----------

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices

Methanol	3000 ppm	<500 ppm	Pass
Butane	5000 ppm	<500 ppm	Pass
Heptane	5000 ppm	<50.0 ppm	Pass
Hexane	290 ppm	<30.0 ppm	Pass
Pentane	5000 ppm	<25.0 ppm	Pass
Propane	5000 ppm	<1000 ppm	Pass
Toluene	890 ppm	<90.0 ppm	Pass
Xylenes (ortho-, meta-, para-)	2170 ppm	<160 ppm	Pass

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
2-Methylhexane	<50.0 ppm
3,3-Dimethylpentane	<50.0 ppm
3-Ethylpentane	<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
--------------------------	-----------

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

* This analysis or component is not ISO accredited.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	300202F0724 - Composite	Eurofins Sample:	12520983
Project ID	CHARLO_WEB-20230105-0001	Receipt Date	12-Jan-2023
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	Hip and Joint Pet Chew Bulk	Login Date	05-Jan-2023
	MFG Jan 2 2023	Date Started	13-Jan-2023
	EXP July 2 2024	Sampled	Sample results apply as received
		Online Order	901-2023-E000654

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
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
Etoxazole	1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb	0.1 mg/kg	<0.10 mg/kg	Pass

* This analysis or component is not ISO accredited.

Printed: 25-Jan-2023 3:32 pm

Page 3 of 7

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	300202F0724 - Composite	Eurofins Sample:	12520983
Project ID	CHARLO_WEB-20230105-0001	Receipt Date	12-Jan-2023
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	Hip and Joint Pet Chew Bulk	Login Date	05-Jan-2023
	MFG Jan 2 2023	Date Started	13-Jan-2023
	EXP July 2 2024	Sampled	Sample results apply as received
		Online Order	901-2023-E000654

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

* This analysis or component is not ISO accredited.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	300202F0724 - Composite	Eurofins Sample:	12520983
Project ID	CHARLO_WEB-20230105-0001	Receipt Date	12-Jan-2023
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	Hip and Joint Pet Chew Bulk	Login Date	05-Jan-2023
	MFG Jan 2 2023	Date Started	13-Jan-2023
	EXP July 2 2024	Sampled	Sample results apply as received
		Online Order	901-2023-E000654

Analysis	Limit	Result	Pass/Fail
----------	-------	--------	-----------

Multi-Residue Analysis for hemp products - BCC Pesticide List

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.

Note 2: 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

* This analysis or component is not ISO accredited.

Printed: 25-Jan-2023 3:32 pm

Page 5 of 7

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)	Food Integrity Innovation-Madison
---	--

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Determination of Chondroitin Sulfate by Enzymatic UPLC - Pet food (OC_CHENZ_S)	Food Integrity Innovation-Brea
---	---------------------------------------

2951 Saturn Street, Unit C Brea, CA 92821 USA

AOAC 2015.11 (modified)

Glyphosate and AMPA (GLY_AMP_A_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

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.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

**Jason Mulligan - President Eurofins Botanical
Testing Brea**

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375

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.



Venture Laboratories

CERTIFICATE OF ANALYSIS

Charlotte's Web
700 Tech Ct
Louisville, CO 80027

Report Date: January 24, 2023

Received Date: January 11, 2023

Assay: Glucosamine HCl Content

Venture Labs Sample Number: 230187

Sample ID	Results	Units	Charlotte's Web Estimated Level	Method
300202F0724 - Composite Hip and Joint Pet Chew Bulk	35.09 140.36	mg/g mg/4 g	125 mg/4 g	USP-NF (HPLC)

For questions please contact:

Kyle Newman, Ph.D.
Laboratory Director


Prepared for:

Hip and Joint Pet Chew Bulk
CWB HOLDINGS, INC


Batch ID or Lot Number: 300202F0724 - Composite	Test: Metals	Reported: 1/16/23	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Unit	Test ID: T000232165	Started: 1/13/23	USDA License: N/A
Status: Active	Method: TM19 (ICP-MS); Heavy Metals	Received: 01/12/2023 @ 08:50 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.045 - 4.50	0.11	
Cadmium	0.046 - 4.60	ND	
Mercury	0.046 - 4.56	ND	
Lead	0.044 - 4.37	ND	


 Sam Smith
 16-Jan-23
 12:31 PM

PREPARED BY / DATE


 Karen Winterheimer
 16-Jan-23
 12:34 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



Certificate #4329.02

Prepared for:

Hip and Joint Pet Chew Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number: 300202F0724 - Composite	Test: Mycotoxins	Reported: 1/19/23	Location: 700 Tech Ct. Louisville, CO 80027
---	----------------------------	-----------------------------	---

Matrix: Concentrate	Test ID: T000232166	Started: 1/18/23	USDA License: N/A
------------------------	------------------------	---------------------	----------------------

Status: Active	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 01/12/2023 @ 08:50 AM	Sampler ID: N/A
-------------------	--	------------------------------------	--------------------

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.5 - 132.9	ND	N/A
Aflatoxin B1	1.1 - 33.3	ND	
Aflatoxin B2	1.1 - 33.5	ND	
Aflatoxin G1	1.2 - 33.6	ND	
Aflatoxin G2	1.1 - 33.5	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Samantha Smith
Sam Smith
19-Jan-23
7:43 AM

PREPARED BY / DATE

K Winterheimer
Karen Winterheimer
19-Jan-23
7:44 AM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02