

Certificate of Analysis


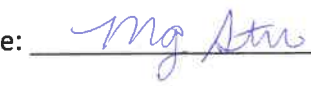
Lot or Batch Number:	A01116
Reference Test Method:	MTHD08.R0
Date Analysis Completed:	10/14/2021
Description of sample:	17mg Pet Unflavored Oil
Analyst:	Leewaphath Xaiyasang

Analysis **Density**

Density:

Analysis Density Result (g/mL)

Density **0.954**

Analyst:	Leewaphath Xaiyasang	
Analyst signature:		Date: 14 OCT 21
Approved By:	Morgan Stocke	
Approver Signature:		Date: 14 Oct 21

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	A01116B	Eurofins Sample:	11044583
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	15-Oct-2021
		Sampled	Sample results apply as received
		Online Order	16040-162875D1

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	Non Detect
CBDV	0.0122 %
CBDA	0.0463 %
CBGA	Non Detect
CBG	0.0485 %
CBD	1.88 %
THCV	Non Detect
CBN	0.00653 %
Delta 9-THC	0.0739 %
Delta 8-THC	Non Detect
THCA	Non Detect
CBC	0.0611 %
Total Cannabinoids	2.13 %
Total THC (THC + (THCA x 0.877))	0.0739 %
Total CBD (CBD + (CBDA x 0.877))	1.92 %
THCVA	Non Detect
CBNA	Non Detect
CBCA	Non Detect
CBL	0.00345 %

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Certificate of Analysis

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700 Tech Court
Louisville Colorado 80027

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.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	A01116E	Eurofins Sample:	11044638
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	15-Oct-2021
		Sampled	Sample results apply as received
		Online Order	16040-162875D1

Analysis

Result

Industrial Hemp Cannabinoid Profile

CBDVA	Non Detect
CBDV	0.0114 %
CBDA	0.0467 %
CBGA	Non Detect
CBG	0.0489 %
CBD	1.89 %
THCV	Non Detect
CBN	0.00644 %
Delta 9-THC	0.0787 %
Delta 8-THC	Non Detect
THCA	Non Detect
CBC	0.0617 %
Total Cannabinoids	2.15 %
Total THC (THC + (THCA x 0.877))	0.0787 %
Total CBD (CBD + (CBDA x 0.877))	1.93 %
THCVA	Non Detect
CBNA	Non Detect
CBCA	Non Detect
CBL	0.00337 %

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

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Chemistry Testing Madison



2918.01

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Eurofins Microbiology Laboratory (Colorado)

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

CW Hemp

Stephanie Fitzgerald
 700 Tech Ct
 Louisville, CO 80026

ANALYTICAL REPORT

AR-21-EI-018938-01

Client Code: EI0000061
PO#: PO110633 QC 325

Received On: 13Oct2021
Reported On: 18Oct2021

Eurofins Sample Code: 397-2021-10130021	Sample Registration Date: 13Oct2021		
Client Sample Code: A01116B	Condition Upon Receipt: acceptable, 20.3°C		
Sample Description: 17mg Unflavored 30mL	Sample Reference:		
UMCP8 - Salmonella spp. - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 14Oct2021

Parameter Salmonella	Result Not Detected per 25 ml
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UMI17 - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Oct2021
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Parameter Aerobic Plate Count	Result < 10 cfu/ml
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UMR8B - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 18Oct2021
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Parameter Yeast	Result < 10 cfu/ml
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Parameter Moulds	Result < 10 cfu/ml
----------------------------	------------------------------

ZM55P - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Oct2021
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Parameter Coliforms	Result < 10 cfu/ml
-------------------------------	------------------------------

Parameter Escherichia coli	Result < 10 cfu/ml
--------------------------------------	------------------------------

CW Hemp

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-21-EI-018938-01

Client Code: EI0000061

PO#: PO110633 QC 325

Received On: 13Oct2021

Reported On: 18Oct2021

Respectfully Submitted,


Brent Bednarek
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 | √ 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.

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ANALYTICAL REPORT

AR-21-EI-018939-01

Client Code: EI0000061
PO#: PO110633 QC 325

Received On: 13Oct2021
Reported On: 18Oct2021

Eurofins Sample Code: 397-2021-10130022

Sample Registration Date: 13Oct2021

Client Sample Code: A01116M

Condition Upon Receipt: acceptable, 20.3°C

Sample Description: 17mg Unflavored 30mL

Sample Reference:

UMCP8 - Salmonella spp. - AOAC-RI 121501

Reference
 AOAC-RI 121501

Accreditation
 ISO/IEC 17025:2017
 A2LA 3329.11

Completed
 14Oct2021

Parameter
 Salmonella

Result
 Not Detected per 25 ml

UMI17 - Aerobic Plate Count - AOAC 966.23

Reference
 AOAC 966.23

Accreditation
 ISO/IEC 17025:2017
 A2LA 3329.11

Completed
 15Oct2021

Parameter
 Aerobic Plate Count

Result
 < 10 cfu/ml

UMR8B - Yeast - FDA BAM Chapter 18 mod.

Reference
 FDA BAM Chapter 18 mod.

Accreditation
 ISO/IEC 17025:2017
 A2LA 3329.11

Completed
 18Oct2021

Parameter
 Yeast

Result
 < 10 cfu/ml

Parameter
 Moulds

Result
 < 10 cfu/ml

ZM55P - Total Coliforms - AOAC 991.14

Reference
 AOAC 991.14

Accreditation
 ISO/IEC 17025:2017
 A2LA 3329.11

Completed
 15Oct2021

Parameter
 Coliforms

Result
 < 10 cfu/ml

Parameter
 Escherichia coli

Result
 < 10 cfu/ml

CW Hemp

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700 Tech Ct
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ANALYTICAL REPORT

AR-21-EI-018939-01

Client Code: EI000061
PO#: PO110633 QC 325

Received On: 13Oct2021
Reported On: 18Oct2021

Respectfully Submitted,


Brent Bednarek
Laboratory Supervisor

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CW Hemp

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 700 Tech Ct
 Louisville, CO 80026

ANALYTICAL REPORT

AR-21-EI-018940-01

Client Code: EI0000061
PO#: PO110633 QC 325

Received On: 13Oct2021
Reported On: 18Oct2021

Eurofins Sample Code: 397-2021-10130023		Sample Registration Date: 13Oct2021	
Client Sample Code: A01116E		Condition Upon Receipt: acceptable, 20.3°C	
Sample Description: 17mg Unflavored 30mL		Sample Reference:	
UMCP8 - Salmonella spp. - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 14Oct2021
Parameter Salmonella	Result Not Detected per 25 ml		
UMI17 - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Oct2021
Parameter Aerobic Plate Count	Result < 10 cfu/ml		
UMR8B - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 18Oct2021
Parameter Yeast	Result < 10 cfu/ml		
Parameter Moulds	Result < 10 cfu/ml		
ZM55P - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 15Oct2021
Parameter Coliforms	Result < 10 cfu/ml		
Parameter Escherichia coli	Result < 10 cfu/ml		

CW Hemp

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026


ANALYTICAL REPORT

AR-21-EI-018940-01

Client Code: EI0000061
PO#: PO110633 QC 325

Received On: 13Oct2021
Reported On: 18Oct2021

Respectfully Submitted,


Brent Bednarek
Laboratory Supervisor

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Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	A01116M	Eurofins Sample:	11044584
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Composited	3
		Online Order	16040-162875D1

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	Non Detect
CBDV	0.0116 %
CBDA	0.0469 %
CBGA	Non Detect
CBG	0.0497 %
CBD	1.88 %
THCV	Non Detect
CBN	0.00669 %
Delta 9-THC	0.0748 %
Delta 8-THC	Non Detect
THCA	Non Detect
CBC	0.0641 %
Total Cannabinoids	2.14 %
Total THC (THC + (THCA x 0.877))	0.0748 %
Total CBD (CBD + (CBDA x 0.877))	1.92 %
THCVA	Non Detect
CBNA	Non Detect
CBCA	Non Detect
CBL	0.00295 %
Elements by ICP Mass Spectrometry	
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb
Glyphosate and AMPA	
Glyphosate	<100 ng/g
AMPA	<100 ng/g

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B1		<0.500 ppb	

Certificate of Analysis

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Louisville Colorado 80027

Sample Name:	A01116M	Eurofins Sample:	11044584
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Composited	3
		Online Order	16040-162875D1

Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass
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	<1000 ppm	Pass
Ethyl Acetate	5000 ppm	<500 ppm	Pass
Ethyl Ether	5000 ppm	<500 ppm	Pass
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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	A01116M	Eurofins Sample:	11044584
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Compositied	3
		Online Order	16040-162875D1

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

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Louisville Colorado 80027

Sample Name:	A01116M	Eurofins Sample:	11044584
Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Compositated	3
		Online Order	16040-162875D1

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

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PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
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Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Composited	3
		Online Order	16040-162875D1

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

Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
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Project ID	CHARLO_WEB-20211012-0339	Receipt Date	14-Oct-2021
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	12-Oct-2021
Description	17mg Unflavored 30mL	Date Started	14-Oct-2021
		Sampled	Sample results apply as received
		Number Compositd	3
		Online Order	16040-162875D1

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside			
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.			
Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound list)			
Metolachlor		<0.10 mg/kg	

Method References	Testing Location
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BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)	Food Integrity Innovation-Madison
Internally Developed Method	6304 Ronald Reagan Ave Madison, WI 53704 USA

Elements by ICP Mass Spectrometry (ICP_MS_S)	Food Integrity Innovation-Madison
Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified). Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).	6304 Ronald Reagan Ave Madison, WI 53704 USA

Glyphosate and AMPA (GLY_AMPA_S)	Food Integrity Innovation-Madison
Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".	6304 Ronald Reagan Ave Madison, WI 53704 USA

Industrial Hemp Cannabinoid Profile (IHCBD_S)	Food Integrity Innovation-Madison
Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).	6304 Ronald Reagan Ave Madison, WI 53704 USA

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

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.

Multi-Residue Analysis for hemp products (1-5 Compounds from 500+ Compound 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.

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).

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Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Madison**

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Madison WI 53704
800-675-8375

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison



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