CHARLOTTE'S WEB
STANLEY BROTHERS

Certificate of Analysis

Lot or Batch Number:	220276
Reference Test Method:	N/A
Date of analysis Completed:	16-Jun-22
Description of sample:	15mg Liquid Capsule Bulk
Analyst:	Morgan Stock

Analysis **Calculated Sample Entity Weight**

Calculated Sample Entity Weight

Analysis	**Result (g)**
Entity Weight	**0.7326**

Analyst: Morgan Stock

Analyst signature: Mg Stock Date: 16 Jun 22

Approved By: Leewaphath Xaiyasang

Approver Signature: Leewaphath Xaiyasang Date: 17 Jun 22

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

15mg Liquid Capsule Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
220276 - Composite	**Potency**	**6/16/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000210154	6/15/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	06/14/2022 @ 12:31 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.008	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.127	1.27
Cannabidiolic acid (CBDA)	0.020	0.057	<LOQ	0.49
Cannabidiol (CBD)	0.019	0.055	3.060	30.60
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.020	0.061	ND	ND
Cannabinolic Acid (CBNA)	0.011	0.035	ND	ND
Cannabinol (CBN)	0.005	0.016	<LOQ	0.11
Cannabigerolic acid (CBGA)	0.016	0.051	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.040	0.40
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.043	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND
Cannabidivarin (CBDV)	0.005	0.013	0.023	0.23
Cannabichromenic Acid (CBCA)	0.006	0.020	ND	ND
Cannabichromene (CBC)	0.007	0.022	0.118	1.18
Total Cannabinoids			**3.428**	**34.28**
Total Potential THC**			0.127	1.27
Total Potential CBD**			3.103	31.03

Notes

Total THC is 0.8mg per 1 capsule serving.
Total THC is 5.6mg per 7ct container.
Total THC is 23.8 mg per 30ct container.
Total THC is 47.6mg per 60ct container.
Total THC is 71.4mg per 90ct container.

Jacob Miller
16-Jun-22
3:49 PM
PREPARED BY / DATE

Daniel Weidensaul
16-Jun-22
4:35 PM
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)

CDPHE Certified

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

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

15mg Liquid Capsule Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
220276 - Beginning	**Potency**	**6/16/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000210151	6/15/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	06/14/2022 @ 12:31 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.008	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.131	1.31
Cannabidiolic acid (CBDA)	0.019	0.055	<LOQ	0.48
Cannabidiol (CBD)	0.019	0.053	2.996	29.96
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.019	0.059	ND	ND
Cannabinolic Acid (CBNA)	0.011	0.034	ND	ND
Cannabinol (CBN)	0.005	0.015	<LOQ	0.11
Cannabigerolic acid (CBGA)	0.016	0.049	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.039	0.39
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.042	ND	ND
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND
Cannabidivarin (CBDV)	0.004	0.013	0.024	0.24
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND
Cannabichromene (CBC)	0.007	0.021	0.117	1.17
Total Cannabinoids			**3.366**	**33.66**
Total Potential THC**			0.131	1.31
Total Potential CBD**			3.038	30.38

Notes

Total THC is 0.8mg per 1 capsule serving.
Total THC is 5.7mg per 7ct container.
Total THC is 24.6mg per 30ct container.
Total THC is 49.1mg per 60ct container.
Total THC is 73.7mg per 90ct container.

Jacob Miller
16-Jun-22
3:49 PM
PREPARED BY / DATE

Daniel Weidensaul
16-Jun-22
4:35 PM
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)

CDPHE Certified

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Certificate #4329.02

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

15mg Liquid Capsule Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
220276 - Middle	**Potency**	**6/16/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000210152	6/15/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	06/14/2022 @ 12:31 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.007	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.128	1.28
Cannabidiolic acid (CBDA)	0.019	0.054	<LOQ	0.49
Cannabidiol (CBD)	0.018	0.053	3.046	30.46
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.019	0.058	ND	ND
Cannabinolic Acid (CBNA)	0.011	0.033	ND	ND
Cannabinol (CBN)	0.005	0.015	<LOQ	0.11
Cannabigerolic acid (CBGA)	0.016	0.049	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.039	0.39
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.041	ND	ND
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND
Cannabidivarin (CBDV)	0.004	0.012	0.023	0.23
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND
Cannabichromene (CBC)	0.007	0.021	0.119	1.19
Total Cannabinoids			**3.415**	**34.15**
Total Potential THC**			0.128	1.28
Total Potential CBD**			3.089	30.89

Notes

Total THC is 0.8mg per 1 capsule serving.
Total THC is 5.6mg per 7ct container.
Total THC is 24.0mg per 30ct container.
Total THC is 48.0mg per 60ct container.
Total THC is 72.0mg per 90ct container.

Jacob Miller
16-Jun-22
3:49 PM
PREPARED BY / DATE

Daniel Weidensaul
16-Jun-22
4:35 PM
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)

CDPHE Certified

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Certificate #4329.02

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

15mg Liquid Capsule Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
220276 - End	**Potency**	**6/16/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000210153	6/15/22	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	06/14/2022 @ 12:31 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.008	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.131	1.31
Cannabidiolic acid (CBDA)	0.020	0.058	<LOQ	0.49
Cannabidiol (CBD)	0.020	0.056	3.109	31.09
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.020	0.062	ND	ND
Cannabinolic Acid (CBNA)	0.011	0.036	ND	ND
Cannabinol (CBN)	0.005	0.016	<LOQ	0.11
Cannabigerolic acid (CBGA)	0.017	0.052	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.042	0.42
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.044	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND
Cannabidivarin (CBDV)	0.005	0.013	0.024	0.24
Cannabichromenic Acid (CBCA)	0.006	0.020	ND	ND
Cannabichromene (CBC)	0.007	0.022	0.122	1.22
Total Cannabinoids			**3.488**	**34.88**
Total Potential THC**			0.131	1.31
Total Potential CBD**			3.152	31.52

Notes

Total THC is 0.8mg per 1 capsule serving.
Total THC is 5.7mg per 7ct container.
Total THC is 24.6mg per 30ct container.
Total THC is 49.1mg per 60ct container.
Total THC is 73.7mg per 90ct container.

Jacob Miller
16-Jun-22
3:49 PM

PREPARED BY / DATE

Daniel Weidensaul
16-Jun-22
4:35 PM

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)

CDPHE Certified

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

eurofins | Food Integrity & Innovation

Report Number:	**3715602-0**
Report Date:	**24-Jun-2022**
Report Status:	**Final**

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**220276 - Middle**	**Eurofins Sample:**	**11840995**
Project ID	CHARLO_WEB-20220610-0330	**Receipt Date**	14-Jun-2022
PO Number	QC325	**Receipt Condition**	Ambient temperature
Description	15mg Liquid Capsule Bulk	**Login Date**	10-Jun-2022
		Date Started	16-Jun-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	16436-17660711

Analysis	Result
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	
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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**220276 - Middle**	**Eurofins Sample:**	**11840995**
Project ID	CHARLO_WEB-20220610-0330	**Receipt Date**	14-Jun-2022
PO Number	QC325	**Receipt Condition**	Ambient temperature
Description	15mg Liquid Capsule Bulk	**Login Date**	10-Jun-2022
		Date Started	16-Jun-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	16436-17660711

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**220276 - Middle**	**Eurofins Sample:**	**11840995**
Project ID	CHARLO_WEB-20220610-0330	**Receipt Date**	14-Jun-2022
PO Number	QC325	**Receipt Condition**	Ambient temperature
Description	15mg Liquid Capsule Bulk	**Login Date**	10-Jun-2022
		Date Started	16-Jun-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	16436-17660711

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**220276 - Middle**	**Eurofins Sample:**	**11840995**
Project ID	CHARLO_WEB-20220610-0330	**Receipt Date**	14-Jun-2022
PO Number	QC325	**Receipt Condition**	Ambient temperature
Description	15mg Liquid Capsule Bulk	**Login Date**	10-Jun-2022
		Date Started	16-Jun-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	16436-17660711

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**220276 - Middle**	**Eurofins Sample:**	**11840995**
Project ID	CHARLO_WEB-20220610-0330	**Receipt Date**	14-Jun-2022
PO Number	QC325	**Receipt Condition**	Ambient temperature
Description	15mg Liquid Capsule Bulk	**Login Date**	10-Jun-2022
		Date Started	16-Jun-2022
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	16436-17660711

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
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
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
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	
Elements by ICP Mass Spectrometry (ICP_MS_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA

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).

Certificate of Analysis

Charlotte's Web, Inc.
700 Tech Court
Louisville Colorado 80027

Method References	Testing Location

Glyphosate and AMPA (GLY_AMPA_S)

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

Monsanto Company Method ME-1466-02, “High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS”.

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.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

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

ilac-MRA A2LA ACCREDITED
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.

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CW Hemp - 08

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-015406-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Eurofins Sample Code:	397-2022-06210010	**Sample Registration Date:**	21Jun2022
Client Sample Code:	220276 - Beginning	**Condition Upon Receipt:**	acceptable, 24.3°C
Sample Description:	15mg Liquid Capsule 60ct	**Sample Reference:**	

UM5DP - Total Coliforms - AOAC 991.14	**Reference** AOAC 991.14	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Coliforms	< 10 cfu/g

Parameter	**Result**
Escherichia coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	**Reference** AOAC-RI 121501	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 22Jun2022

Parameter	**Result**
Salmonella	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** 26Jun2022

Parameter	**Result**
Yeast	< 10 cfu/g

Parameter	**Result**
Moulds	< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	**Reference** AOAC 966.23	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Aerobic Plate Count	< 10 cfu/g

CW Hemp - 08

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ANALYTICAL REPORT

AR-22-EI-015406-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Respectfully Submitted,

Jordan Shaw
Business Unit Manager

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CW Hemp - 08

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ANALYTICAL REPORT

AR-22-EI-015407-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Eurofins Sample Code:	397-2022-06210011	**Sample Registration Date:**	21Jun2022
Client Sample Code:	220276 - Middle	**Condition Upon Receipt:**	acceptable, 24.3°C
Sample Description:	15mg Liquid Capsule 60ct	**Sample Reference:**	

UM5DP - Total Coliforms - AOAC 991.14	**Reference** AOAC 991.14	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Coliforms	< 10 cfu/g

Parameter	**Result**
Escherichia coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	**Reference** AOAC-RI 121501	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 22Jun2022

Parameter	**Result**
Salmonella	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** 26Jun2022

Parameter	**Result**
Yeast	< 10 cfu/g

Parameter	**Result**
Moulds	< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	**Reference** AOAC 966.23	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Aerobic Plate Count	< 10 cfu/g

CW Hemp - 08

Stephanie Fitzgerald
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ANALYTICAL REPORT

AR-22-EI-015407-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Respectfully Submitted,

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ANALYTICAL REPORT

AR-22-EI-015408-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Eurofins Sample Code:	397-2022-06210012	**Sample Registration Date:**	21Jun2022
Client Sample Code:	220276 - End	**Condition Upon Receipt:**	acceptable, 24.3°C
Sample Description:	15mg Liquid Capsule 60ct	**Sample Reference:**	

UM5DP - Total Coliforms - AOAC 991.14	**Reference** AOAC 991.14	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Coliforms	< 10 cfu/g

Parameter	**Result**
Escherichia coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	**Reference** AOAC-RI 121501	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 22Jun2022

Parameter	**Result**
Salmonella	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** 26Jun2022

Parameter	**Result**
Yeast	< 10 cfu/g

Parameter	**Result**
Moulds	< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	**Reference** AOAC 966.23	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 23Jun2022

Parameter	**Result**
Aerobic Plate Count	< 10 cfu/g

CW Hemp - 08

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ANALYTICAL REPORT

AR-22-EI-015408-01

Client Code: EI0000162
PO#: QC 325

Received On: 21Jun2022
Reported On: 26Jun2022

Respectfully Submitted,

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Business Unit Manager