Lot or Batch Number:	A01144
Reference Test Method:	MTH-002.R1
Date Analysis Completed:	7-Feb-2022
Description of sample:	50mg Mint Chocolate
Analyst:	Morgan Stock

Analysis **Density**

Density:

Analysis	**Density Result (g/mL)**
Density	**0.954**

Analyst: Morgan Stock

Analyst signature: Mg Stock Date: 07Feb22

Approved By: Leewaphath Xaiyasang

Approver Signature: Leewaphath Xaiyasang Date: 07Feb22

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144B	**Potency**	**2/9/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000191344	2/8/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	02/04/2022 @ 02:23 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)	0.016	0.060	ND	ND
Cannabidiol (CBD)	0.016	0.058	5.806	58.06
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.021	0.062	ND	ND
Cannabinolic Acid (CBNA)	0.012	0.035	ND	ND
Cannabinol (CBN)	0.005	0.016	0.035	0.35
Cannabigerolic acid (CBGA)	0.017	0.052	0.029*	0.29*
Cannabigerol (CBG)	0.004	0.012	0.099	0.99
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.044	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.007	0.025	ND	ND
Cannabidivarin (CBDV)	0.004	0.014	0.014*	0.14*
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND
Cannabichromene (CBC)	0.007	0.022	0.253	2.53
Total Cannabinoids			**6.367**	**63.67**
Total Potential THC**			0.131	1.31
Total Potential CBD**			5.806	58.06

Notes

Total THC per serving (0.5 mL) is 0.655 mg. Total THC per container (100 mL) is 131 mg.

Hannah Wright
09-Feb-2022
05:59 PM

PREPARED BY / DATE

Daniel Weidensaul
9-Feb-22
6:10 PM

APPROVED BY / DATE

Definitions

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

* Indicates a value below the Limit of Quantitiation (LOQ) and above the Limit of Detection (LOD).

** 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

Certificate #4329.02

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.

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144M	**Potency**	**2/9/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000191348	2/8/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	02/04/2022 @ 02:23 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)	0.016	0.060	ND	ND
Cannabidiol (CBD)	0.016	0.058	5.692	56.92
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.021	0.062	ND	ND
Cannabinolic Acid (CBNA)	0.012	0.035	ND	ND
Cannabinol (CBN)	0.005	0.016	0.034	0.34
Cannabigerolic acid (CBGA)	0.017	0.052	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.095	0.95
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.044	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.007	0.025	ND	ND
Cannabidivarin (CBDV)	0.004	0.014	0.014	0.14
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND
Cannabichromene (CBC)	0.007	0.022	0.248	2.48
Total Cannabinoids			**6.214**	**62.14**
Total Potential THC**			0.131	1.31
Total Potential CBD**			5.692	56.92

Notes

Total THC per serving (0.5 mL) is 0.655 mg. Total THC per container (100 mL) is 131 mg.

Hannah Wright
09-Feb-2022
05:59 PM

PREPARED BY / DATE

Daniel Weidensaul
9-Feb-22
6:10 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Indicates a value below the Limit of Quantitiation (LOQ) and above the Limit of Detection (LOD).
** 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

Certificate #4329.02

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.

botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144E	**Potency**	**2/9/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000191354	2/8/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	02/04/2022 @ 02:23 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)	0.016	0.060	ND	ND
Cannabidiol (CBD)	0.016	0.059	5.748	57.48
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.021	0.062	ND	ND
Cannabinolic Acid (CBNA)	0.012	0.036	ND	ND
Cannabinol (CBN)	0.005	0.016	0.035	0.35
Cannabigerolic acid (CBGA)	0.017	0.052	ND	ND
Cannabigerol (CBG)	0.004	0.012	0.098	0.98
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.044	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.007	0.025	ND	ND
Cannabidivarin (CBDV)	0.004	0.014	0.015	0.15
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND
Cannabichromene (CBC)	0.007	0.022	0.249	2.49
Total Cannabinoids			**6.276**	**62.76**
Total Potential THC**			0.131	1.31
Total Potential CBD**			5.748	57.48

Notes

Total THC per serving (0.5 mL) is 0.655 mg. Total THC per container (100 mL) is 131 mg.

Hannah Wright
09-Feb-2022
05:59 PM

PREPARED BY / DATE

Daniel Weidensaul
9-Feb-22
6:10 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).
** 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

Certificate #4329.02

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.

botanacor

CERTIFICATE OF ANALYSIS

prepared for: CWB HOLDINGS, INC
700 TECH CT.
LOUISVILLE, CO 80027

50mg Mint Chocolate 100mL

Batch ID:	A01144B	**Test ID:**	T000191346
Matrix:	Finished Product	**Received:**	02/04/2022 @ 02:23 PM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	2/7/2022
Method(s):	TM-28	**Reported:**	2/11/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
E. coli	TM-28: Culture Plating	10^2 CFU/g	N/A	Absent

NOTES:
Free from visual mold, mildew, and foreign matter

DEFINITIONS:
CFU = Colony Forming Units | LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Brianne Maillot
11-Feb-2022
2:20 PM
PREPARED BY / DATE

Carly Bader
11-Feb-2022
3:29 PM
APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.

ilac-MRA A2LA ACCREDITED
Certificate #4329.03

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144B	**Microbial Contaminants**	**2/10/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000191345	2/7/22	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	02/04/2022 @ 02:23 PM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent

Notes

Free from visual mold, mildew, and foreign matter

Eden Thompson-Wright
2/10/2022
12:38:00 PM

PREPARED BY / DATE

Brianne Maillot
2/10/2022
1:16:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

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.

CDPHE Certified

Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

prepared for: CWB HOLDINGS, INC
700 TECH CT.
LOUISVILLE, CO 80027

50mg Mint Chocolate 100mL

Batch ID:	A01144M	**Test ID:**	T000191350
Matrix:	Finished Product	**Received:**	02/04/2022 @ 02:23 PM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	2/7/2022
Method(s):	TM-28	**Reported:**	2/11/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
E. coli	TM-28: Culture Plating	10^2 CFU/g	N/A	Absent

NOTES:
Free from visual mold, mildew, and foreign matter

DEFINITIONS:
CFU = Colony Forming Units | LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Brianne Maillot
11-Feb-2022
2:20 PM
PREPARED BY / DATE

Carly Bader
11-Feb-2022
3:29 PM
APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.

ilac-MRA A2LA ACCREDITED
Certificate #4329.03

 | 1301 S Jason St Unit K, Denver, CO 80223 | 888.800.8223 | www.botanacor.com

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144M	**Microbial Contaminants**	**2/10/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000191349	2/7/22	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	02/04/2022 @ 02:23 PM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent

Notes

Free from visual mold, mildew, and foreign matter

Eden Thompson-Wright
2/10/2022
12:38:00 PM

PREPARED BY / DATE

Brianne Maillot
2/10/2022
1:16:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

CDPHE Certified

Certificate #4329.02

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.

botanacor

CERTIFICATE OF ANALYSIS

prepared for: CWB HOLDINGS, INC
700 TECH CT.
LOUISVILLE, CO 80027

50mg Mint Chocolate 100mL

Batch ID:	A01144E	**Test ID:**	T000191356
Matrix:	Finished Product	**Received:**	02/04/2022 @ 02:23 PM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	2/7/2022
Method(s):	TM-28	**Reported:**	2/11/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
E. coli	TM-28: Culture Plating	10^2 CFU/g	N/A	Absent

NOTES:
Free from visual mold, mildew, and foreign matter

DEFINITIONS:
CFU = Colony Forming Units | LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Brianne Maillot
11-Feb-2022
2:20 PM
PREPARED BY / DATE

Carly Bader
11-Feb-2022
3:29 PM
APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.

ilac-MRA A2LA ACCREDITED
Certificate #4329.03

 | 1301 S Jason St Unit K, Denver, CO 80223 | 888.800.8223 | www.botanacor.com

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144E	**Microbial Contaminants**	**2/10/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Finished Product	T000191355	2/7/22	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	02/04/2022 @ 02:23 PM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent

Notes

Free from visual mold, mildew, and foreign matter

Eden Thompson-Wright
2/10/2022
12:38:00 PM

PREPARED BY / DATE

Brianne Maillot
2/10/2022
1:16:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

CDPHE Certified

Certificate #4329.02

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144M	**Mycotoxins**	**2/12/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000191352	2/10/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	02/04/2022 @ 02:23 PM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	3.1 - 132.5	ND
Aflatoxin B1	0.9 - 33.7	ND
Aflatoxin B2	1.1 - 33.4	ND
Aflatoxin G1	1 - 33.5	ND
Aflatoxin G2	1.2 - 33	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Ryan Weems
12-Feb-22
9:00 AM

PREPARED BY / DATE

Sam Smith
12-Feb-22
9:14 AM

APPROVED BY / DATE

Definitions

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

CDPHE Certified

Certificate #4329.02

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.

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

50mg Mint Chocolate 100mL

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
A01144M	**Metals**	**2/9/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Unit Co	T000191351	2/8/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM19 (ICP-MS): Heavy Metals (Colorado Panel)	02/04/2022 @ 02:23 PM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.045 - 4.50	ND
Cadmium	0.043 - 4.25	ND
Mercury	0.044 - 4.42	ND
Lead	0.044 - 4.38	ND

Notes

Sam Smith
9-Feb-22
12:44 PM
PREPARED BY / DATE

Ryan Weems
9-Feb-22
1:00 PM
APPROVED BY / DATE

Definitions

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

CDPHE Certified

Certificate #4329.02

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.

eurofins | Food Integrity & Innovation

Report Number:	**3562238-0**
Report Date:	**10-Feb-2022**
Report Status:	**Final**

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**A01144M**	**Eurofins Sample:**	**11412731**
Project ID	CHARLO_WEB-20220204-0072	**Receipt Date**	08-Feb-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	50mg Mint Chocolate 100mL	**Login Date**	04-Feb-2022
		Date Started	08-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16040-16BFEEAF

Analysis	Result
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	<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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**A01144M**	**Eurofins Sample:**	**11412731**
Project ID	CHARLO_WEB-20220204-0072	**Receipt Date**	08-Feb-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	50mg Mint Chocolate 100mL	**Login Date**	04-Feb-2022
		Date Started	08-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16040-16BFEEAF

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**A01144M**	**Eurofins Sample:**	**11412731**
Project ID	CHARLO_WEB-20220204-0072	**Receipt Date**	08-Feb-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	50mg Mint Chocolate 100mL	**Login Date**	04-Feb-2022
		Date Started	08-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16040-16BFEEAF

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**A01144M**	**Eurofins Sample:**	**11412731**
Project ID	CHARLO_WEB-20220204-0072	**Receipt Date**	08-Feb-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	50mg Mint Chocolate 100mL	**Login Date**	04-Feb-2022
		Date Started	08-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16040-16BFEEAF

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

Certificate of Analysis

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

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

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.

eurofins | Food Integrity & Innovation

Report Number: 3562238-0
Report Date: 10-Feb-2022
Report Status: Final

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Method References	Testing Location
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.

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** 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.