

Prepared for:


CBDMEDIC Back & Neck Pain Relief Ointment


CWB HOLDINGS, INC

Batch ID or Lot Number: V0222049	Test: Potency	Reported: 2/25/22	Location: 700 Tech Ct. Louisville, CO 80027
Matrix: Concentrate	Test ID: T000194234	Started: 2/24/22	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/23/2022 @ 11:28 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.007	ND	ND	total THC per container (40g)=ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.002	0.008	ND	ND	
Cannabidiolic acid (CBDA)	0.018	0.051	ND	ND	
Cannabidiol (CBD)	0.017	0.050	1.569	15.69	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.013	0.049	ND	ND	
Cannabinolic Acid (CBNA)	0.007	0.028	ND	ND	
Cannabinol (CBN)	0.003	0.013	ND	ND	
Cannabigerolic acid (CBGA)	0.011	0.041	ND	ND	
Cannabigerol (CBG)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.009	0.035	ND	ND	
Tetrahydrocannabivarin (THCV)	0.002	0.009	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.021	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	0.006*	0.06*	
Cannabichromenic Acid (CBCA)	0.004	0.016	ND	ND	
Cannabichromene (CBC)	0.004	0.017	ND	ND	
Total Cannabinoids			1.575	15.75	
Total Potential THC**			ND	ND	
Total Potential CBD**			1.569	15.69	

 Karen Winternheimer
25-Feb-2022
12:31 PM

 Ryan Weems
25-Feb-22
12:34 PM

PREPARED BY / DATE

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)

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

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CWB HOLDINGS, INC


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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/23/2022 @ 11:28 AM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002	0.008	ND	ND	total THC per container (40g)=ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	ND	ND	
Cannabidiolic acid (CBDA)	0.021	0.060	ND	ND	
Cannabidiol (CBD)	0.020	0.058	1.644	16.44	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.015	0.057	ND	ND	
Cannabinolic Acid (CBNA)	0.008	0.033	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.012	0.048	ND	ND	
Cannabigerol (CBG)	0.003	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.009	0.025	ND	ND	
Cannabidivarin (CBDV)	0.005	0.014	0.006*	0.06*	
Cannabichromenic Acid (CBCA)	0.005	0.019	ND	ND	
Cannabichromene (CBC)	0.005	0.020	ND	ND	
Total Cannabinoids			1.650	16.50	
Total Potential THC**			ND	ND	
Total Potential CBD**			1.644	16.44	

 Karen Winternheimer
25-Feb-2022
12:31 PM

 Ryan Weems
25-Feb-22
12:34 PM

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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)

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Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.002	0.008	ND	ND	
Cannabidiolic acid (CBDA)	0.020	0.057	ND	ND	
Cannabidiol (CBD)	0.019	0.056	1.643	16.43	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.014	0.055	ND	ND	
Cannabinolic Acid (CBNA)	0.008	0.031	ND	ND	
Cannabinol (CBN)	0.004	0.014	ND	ND	
Cannabigerolic acid (CBGA)	0.012	0.046	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.039	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.024	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.006*	0.06*	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabichromene (CBC)	0.005	0.019	ND	ND	
Total Cannabinoids			1.649	16.49	
Total Potential THC**			ND	ND	
Total Potential CBD**			1.643	16.43	

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

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

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

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CDPHE Certified



Certificate #4329.02



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 22-002136/D002.R000
Report Date: 03/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/24/22 00:00

Customer: Charlotte's Web

Product identity: V0222049
Client/Metric ID: CBDMEDIC Back and Neck Pain Relief Ointment
Sample Date:
Laboratory ID: 22-002136-0002

Sample Results

Individual Analyses

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Status	Notes
(±)-Camphor	10.3		%w/w	1.0	2201860	03/03/22	SUBCONTRACT		SU13
Menthol	15.8		%w/w	1.0	2201860	03/03/22	SUBCONTRACT		SU13



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 22-002136/D002.R000
Report Date: 03/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/24/22 00:00

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Units of Measure

%w/w = Percent weight by weight

% wt = $\mu\text{g/g}$ divided by 10,000

Glossary of Qualifiers

SU13: Analysis performed by Adamson Analytical Laboratories, Inc., Corona, California.

Approved Signatory

Derrick Tanner
General Manager



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794



Report Number: 22-002136/D002.R000
Report Date: 03/03/2022
ORELAP#: OR100028
Purchase Order:
Received: 02/24/22 00:00

Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	V0222049	Eurofins Sample:	11466037
Project ID	CHARLO_WEB-20220221-0112	Receipt Date	23-Feb-2022
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	CBDMEDIC Back and Neck Pain Relief Ointment	Login Date	21-Feb-2022
		Date Started	23-Feb-2022
		Sampled	Sample results apply as received
		Online Order	18706-16D63A48

Analysis	Result
Viscosity *	
Viscosity	120000 cP
Temperature, Spindle, Speed	25.0 C, T-D, 5 rpm
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			

* This analysis or component is not ISO accredited.

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Certificate of Analysis

Charlotte's Web, Inc.

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Louisville Colorado 80027

Sample Name:	V0222049	Eurofins Sample:	11466037
Project ID	CHARLO_WEB-20220221-0112	Receipt Date	23-Feb-2022
PO Number	QC 325	Receipt Condition	Ambient temperature
Description	CBDMEDIC Back and Neck Pain Relief Ointment	Login Date	21-Feb-2022
		Date Started	23-Feb-2022
		Sampled	Sample results apply as received
		Online Order	18706-16D63A48

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

Analysis	Limit	Result	Pass/Fail
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

The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.

11477137/3->RETEST

Analysis	Limit	Result	Pass/Fail
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

* This analysis or component is not ISO accredited.

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Louisville Colorado 80027

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		Date Started	23-Feb-2022
		Sampled	Sample results apply as received
		Online Order	18706-16D63A48

Analysis	Limit	Result	Pass/Fail
11477137/3->RETEST			
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
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

* This analysis or component is not ISO accredited.

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Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

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Analysis	Limit	Result	Pass/Fail
11477137/3->RETEST			
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
Spiroxamine	0.1 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
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11477137/3->RETEST

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	
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Method References

Testing Location

11477137/3->RETEST (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.

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

* This analysis or component is not ISO accredited.

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Method References

Testing Location

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).

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 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).

* This analysis or component is not ISO accredited.

Printed: 02-Mar-2022 12:14 am

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Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Method References

Testing Location

Viscosity (VSCT_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

EPA Product Properties Test Guidelines, OPPTS 830.7100, Viscosity (1996).
United States Pharmacopeia, 40th Rev., <912>, USP Convention. Rockville, Maryland (2016).
Client Supplied Method

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

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 Micro-Colorado@eurofinsUS.com

CW Hemp - 02

Client Code: EI0000236
PO#: QC 325

 Breanna Lash
 700 Tech Ct
 Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-006572-01

Received On: 22Mar2022
Reported On: 28Mar2022

Eurofins Sample Code:	397-2022-03220047	Sample Registration Date:	22Mar2022
Client Sample Code:	V0222049 - B	Condition Upon Receipt:	acceptable, 17°C
Sample Description:	CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:	
UM4BV - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 27Mar2022
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UM73J - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
Parameter Coliforms	Result < 10 cfu/g		
Parameter Escherichia coli	Result < 10 cfu/g		
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
Parameter Salmonella	Result Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022

CW Hemp - 02

Breanna Lash
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-006572-01

Client Code: EI0000236
PO#: QC 325

Received On: 22Mar2022
Reported On: 28Mar2022

Eurofins Sample Code: 397-2022-03220047	Sample Registration Date: 22Mar2022
Client Sample Code: V0222049 - B	Condition Upon Receipt: acceptable, 17°C
Sample Description: CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
-----------------------------------------------------	---------------------------------	------------------------------------------------------------	-------------------------------

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

UMQDX - Listeria species - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
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Parameter Listeria Species	Result Not Detected per 25 g
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ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 28Mar2022	Sub 1
-----------------------------------------------------	------------------------------	-------------------------------	-----------------

Parameter Pseudomonas aeruginosa	Result Not Detected per 10 g
--------------------------------------------	----------------------------------------

Subcontracting partners:
1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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CW Hemp - 02

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ANALYTICAL REPORT

AR-22-EI-006573-01

Received On: 22Mar2022
Reported On: 28Mar2022

Eurofins Sample Code:	397-2022-03220048	Sample Registration Date:	22Mar2022
Client Sample Code:	V0222049 - M	Condition Upon Receipt:	acceptable, 17°C
Sample Description:	CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:	
UM4BV - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 27Mar2022
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UM73J - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
Parameter Coliforms	Result < 10 cfu/g		
Parameter Escherichia coli	Result < 10 cfu/g		
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
Parameter Salmonella	Result Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
Parameter Staphylococcus aureus	Result < 10 cfu/g		
UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022

ANALYTICAL REPORT

AR-22-EI-006573-01

Eurofins Sample Code: 397-2022-03220048	Sample Registration Date: 22Mar2022
Client Sample Code: V0222049 - M	Condition Upon Receipt: acceptable, 17°C
Sample Description: CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
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Parameter Aerobic Plate Count	Result < 10 cfu/g
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UMQDX - Listeria species - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
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Parameter Listeria Species	Result Not Detected per 25 g
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ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 28Mar2022	Sub 1
-----------------------------------------------------	------------------------------	-------------------------------	-----------------

Parameter Pseudomonas aeruginosa	Result Not Detected per 10 g
--------------------------------------------	----------------------------------------

Subcontracting partners:
1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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CW Hemp - 02

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ANALYTICAL REPORT

AR-22-EI-006574-01

Received On: 22Mar2022
Reported On: 28Mar2022

Eurofins Sample Code: 397-2022-03220049	Sample Registration Date: 22Mar2022
Client Sample Code: V0222049 - E	Condition Upon Receipt: acceptable, 17°C
Sample Description: CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:

UM4BV - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 27Mar2022
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Parameter
Yeast
Result
< 10 cfu/g

Parameter
Moulds
Result
< 10 cfu/g

UM73J - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
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Parameter
Coliforms
Result
< 10 cfu/g

Parameter
Escherichia coli
Result
< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
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Parameter
Salmonella
Result
Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
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Parameter
Staphylococcus aureus
Result
< 10 cfu/g

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
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CW Hemp - 02

Client Code: EI0000236

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ANALYTICAL REPORT

AR-22-EI-006574-01

Received On: 22Mar2022

Reported On: 28Mar2022

Eurofins Sample Code: 397-2022-03220049	Sample Registration Date: 22Mar2022
Client Sample Code: V0222049 - E	Condition Upon Receipt: acceptable, 17°C
Sample Description: CBDMEDIC Back & Neck Pain Relief Ointment	Sample Reference:

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 24Mar2022
-----------------------------------------------------	---------------------------------	------------------------------------------------------------	-------------------------------

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

UMQDX - Listeria species - AOAC-RI 061702	Reference AOAC-RI 061702	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 23Mar2022
-----------------------------------------------------	------------------------------------	------------------------------------------------------------	-------------------------------

Parameter Listeria Species	Result Not Detected per 25 g
--------------------------------------	----------------------------------------

ZMCKG - Pseudomonas aeruginosa - USF <62>	Reference USP <62>	Completed 28Mar2022	Sub 1
-----------------------------------------------------	------------------------------	-------------------------------	-----------------

Parameter Pseudomonas aeruginosa	Result Not Detected per 10 g
--------------------------------------------	----------------------------------------

Subcontracting partners:
1 - Eurofins Microbiology Lab Madison, WI

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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