

Prepared for:

Sleep Gummy Bulk

CWB HOLDINGS, INC


Batch ID or Lot Number: 2201201 - Beginning	Test: Potency	Reported: 2/9/22	Location: 700 Tech Ct. Louisville, CO 80027
---	-------------------------	----------------------------	---


Matrix: Concentrate	Test ID: t000190624	Started: 2/8/22	USDA License: N/A
------------------------	------------------------	--------------------	----------------------

Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/04/2022 @ 02:41 PM	Sampler ID: N/A
----------------	---	------------------------------------	--------------------

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.008	ND	ND	Total THC per serving (2ct) is 0.56 mg. Total THC per container (6ct) is 1.68 mg. Total THC per container (30ct) is 8.40 mg. Total THC per container (60ct) is 16.8 mg. Total THC per container (90ct) is 25.2 mg.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.007*	0.07*	
Cannabidiolic acid (CBDA)	0.015	0.056	ND	ND	
Cannabidiol (CBD)	0.015	0.055	0.154	1.54	
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	ND	ND	
Cannabigerolic acid (CBGA)	0.016	0.049	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.023	ND	ND	
Cannabidivarin (CBDV)	0.003	0.013	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabichromene (CBC)	0.007	0.020	ND	ND	
Total Cannabinoids			0.161	1.61	
Total Potential THC**			0.007	0.07	
Total Potential CBD**			0.154	1.54	


Hannah Wright
09-Feb-2022
05:59 PM


Daniel Weidensaul
9-Feb-22
6:10 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

Prepared for:

Sleep Gummy Bulk

CWB HOLDINGS, INC


Batch ID or Lot Number: 2201201 - Middle	Test: Potency	Reported: 2/9/22	Location: 700 Tech Ct. Louisville, CO 80027
--	-------------------------	----------------------------	---


Matrix: Concentrate	Test ID: t000190625	Started: 2/8/22	USDA License: N/A
------------------------	------------------------	--------------------	----------------------

Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/04/2022 @ 02:41 PM	Sampler ID: N/A
----------------	---	------------------------------------	--------------------

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.008	ND	ND	Total THC per serving (2ct) is 0.56 mg. Total THC per container (6ct) is 1.68 mg. Total THC per container (30ct) is 8.40 mg. Total THC per container (60ct) is 16.8 mg. Total THC per container (90ct) is 25.2 mg.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.009	0.007*	0.07*	
Cannabidiolic acid (CBDA)	0.015	0.056	ND	ND	
Cannabidiol (CBD)	0.015	0.055	0.162	1.62	
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	ND	ND	
Cannabigerolic acid (CBGA)	0.016	0.049	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.041	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.024	ND	ND	
Cannabidivarin (CBDV)	0.003	0.013	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabichromene (CBC)	0.007	0.021	ND	ND	
Total Cannabinoids			0.169	1.69	
Total Potential THC**			0.007	0.07	
Total Potential CBD**			0.162	1.62	


Hannah Wright
09-Feb-2022
05:59 PM


Daniel Weidensaul
9-Feb-22
6:10 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

Prepared for:

Sleep Gummy Bulk
CWB HOLDINGS, INC


Batch ID or Lot Number: 2201201 - End	Test: Potency	Reported: 2/9/22	Location: 700 Tech Ct. Louisville, CO 80027
---	-------------------------	----------------------------	---


Matrix: Concentrate	Test ID: t000190626	Started: 2/8/22	USDA License: N/A
------------------------	------------------------	--------------------	----------------------

Status: N/A	Method: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC (Colorado Panel)	Received: 02/04/2022 @ 02:41 PM	Sampler ID: N/A
----------------	---	------------------------------------	--------------------

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.007	ND	ND	Total THC per serving (2ct) is 0.56 mg. Total THC per container (6ct) is 1.68 mg. Total THC per container (30ct) is 8.40 mg. Total THC per container (60ct) is 16.8 mg. Total THC per container (90ct) is 25.2 mg.
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.008	0.007*	0.07*	
Cannabidiolic acid (CBDA)	0.014	0.054	ND	ND	
Cannabidiol (CBD)	0.014	0.053	0.157	1.57	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.019	0.056	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.032	ND	ND	
Cannabinol (CBN)	0.005	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.016	0.047	ND	ND	
Cannabigerol (CBG)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.013	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.006	0.023	ND	ND	
Cannabidivarin (CBDV)	0.003	0.012	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.007	0.020	ND	ND	
Total Cannabinoids			0.164	1.64	
Total Potential THC**			0.007	0.07	
Total Potential CBD**			0.157	1.57	


 Hannah Wright
 09-Feb-2022
 05:59 PM


 Daniel Weidensaul
 9-Feb-22
 6:10 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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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



Certificate of Analysis

Charlotte's Web
2425 55th St. Ste.100
Boulder, CO 80301

Sample Information

Product Name	Product Lot#	MSB Control#	Date Received
Sleep	2201201B	01312022-006	01/31/2022

PO.#	Storage Condition
PO110755 STRATEGIC 325	RM

Analytes and Results

Analyte Name	Test Method	Estimated Level	Results
Melatonin	STM-7.18 (HPLC-UV)	NA	0.46 mg/g

Lab Director
02/11/2022

Date Completed
02/11/2022

Note: These results apply only to the samples received and tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of MS Bioanalytical.



Certificate of Analysis

Charlotte's Web
2425 55th St. Ste.100
Boulder, CO 80301

Sample Information

Product Name	Product Lot#	MSB Control#	Date Received
Sleep	2201201M	01312022-007	01/31/2022
PO.#	Storage Condition		
PO110755 STRATEGIC 325	RM		

Analytes and Results

Analyte Name	Test Method	Estimated Level	Results
Melatonin	STM-7.18 (HPLC-UV)	NA	0.47 mg/g

Lab Director
 02/11/2022

Date Completed
 02/11/2022

Note: These results apply only to the samples received and tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of MS Bioanalytical.



Certificate of Analysis

Charlotte's Web
2425 55th St. Ste.100
Boulder, CO 80301

Sample Information

Product Name	Product Lot#	MSB Control#	Date Received
Sleep	2201201E	01312022-008	01/31/2022
PO.#	Storage Condition		
PO110755 STRATEGIC 325	RM		

Analytes and Results

Analyte Name	Test Method	Estimated Level	Results
Melatonin	STM-7.18 (HPLC-UV)	NA	0.47 mg/g

Lab Director
02/11/2022

Date Completed
02/11/2022

Note: These results apply only to the samples received and tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of MS Bioanalytical.



CONTROLLED FORM	
DOCUMENT NUMBER: QA-FM-044	SOP: QS-009

Batch Number: 2201201730137

By/Date INDIS Mar 22

<pre> ===== WEIGHING PROTOCOL ----- Balance ID 0012 ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:09 Weight (1) 3.97384 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:10 Weight (2) 3.81966 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:11 Weight (3) 4.03110 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:12 Weight (4) 3.91394 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:12 Weight (5) 3.69811 g ----- SIGNATURE <i>[Signature]</i> ===== </pre>	<pre> ===== WEIGHING PROTOCOL ----- Balance ID 0012 ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:13 Weight (1) 4.14327 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:14 Weight (2) 4.07806 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:15 Weight (3) 3.86284 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:16 Weight (4) 3.55054 g ----- GUMMIES- SLEEP 2201201 15.Mar.2022 11:17 Weight (5) 4.11560 g ----- SIGNATURE <i>[Signature]</i> ===== </pre>
--	--

Avg = 3.918696 ~ 3.9 g/gummy INDIS Mar 22

Performed By/Date: INDIS Mar 22

Reviewed By/Date: EVE ISMAK 22

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	Sleep	Eurofins Sample:	11401790
Project ID	CHARLO_WEB-20220201-0069	Receipt Date	02-Feb-2022
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Lot Number	2201201	Login Date	01-Feb-2022
Description	Sleep Gummy Bulk	Date Started	02-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16433-16BC3DB8

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

Elements by ICP Mass Spectrometry

Arsenic	<0.0100 ppm
Cadmium	<5.00 ppb
Lead	10.9 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
Acetonitrile	410 ppm	<200 ppm	Pass

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	Sleep	Eurofins Sample:	11401790
Project ID	CHARLO_WEB-20220201-0069	Receipt Date	02-Feb-2022
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Lot Number	2201201	Login Date	01-Feb-2022
Description	Sleep Gummy Bulk	Date Started	02-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16433-16BC3DB8

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

BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices

Analysis	Limit	Result	Pass/Fail
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

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
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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	Sleep	Eurofins Sample:	11401790
Project ID	CHARLO_WEB-20220201-0069	Receipt Date	02-Feb-2022
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Lot Number	2201201	Login Date	01-Feb-2022
Description	Sleep Gummy Bulk	Date Started	02-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16433-16BC3DB8

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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	Sleep	Eurofins Sample:	11401790
Project ID	CHARLO_WEB-20220201-0069	Receipt Date	02-Feb-2022
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Lot Number	2201201	Login Date	01-Feb-2022
Description	Sleep Gummy Bulk	Date Started	02-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16433-16BC3DB8

Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Methiocarb sulfone	0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl	0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos	0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil	9 mg/kg	<0.10 mg/kg	Pass
Naled	0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl	0.2 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol	0.1 mg/kg	<0.10 mg/kg	Pass
Methyl parathion	0.1 mg/kg	<0.10 mg/kg	Pass
Pentachloroaniline	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzene	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzonitrile	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorothioanisole	0.2 mg/kg	<0.10 mg/kg	Pass
Permethrin	20 mg/kg	<0.10 mg/kg	Pass
Phosmet	0.2 mg/kg	<0.10 mg/kg	Pass
Piperonylbutoxide	8 mg/kg	<0.10 mg/kg	Pass
Prallethrin	0.4 mg/kg	<1.0 mg/kg	Pass
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

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	Sleep	Eurofins Sample:	11401790
Project ID	CHARLO_WEB-20220201-0069	Receipt Date	02-Feb-2022
PO Number	PO110845 QC 325	Receipt Condition	Ambient temperature
Lot Number	2201201	Login Date	01-Feb-2022
Description	Sleep Gummy Bulk	Date Started	02-Feb-2022
		Sampled	Sample results apply as received
		Online Order	16433-16BC3DB8

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

Multi-Residue Analysis for hemp products - BCC Pesticide List

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.			
Prallethrin reporting limit is higher than BCC action level, but EPA tolerance is 1 ppm.			

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside

Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid	10 mg/kg	<0.10 mg/kg	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.			

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

Metolachlor		<0.10 mcg/g	
-------------	--	-------------	--

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 United States

Method References

Testing Location

Glyphosate and AMPA (GLY_AMP_A_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 United States

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



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.

Eurofins Microbiology Laboratory (Colorado)

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

CW Hemp - 03

 Stephanie Fitzgerald
 700 Tech Ct
 Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-002863-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Eurofins Sample Code: 397-2022-02030071		Sample Registration Date: 03Feb2022	
Client Sample Code: 22012017310137B		Condition Upon Receipt: acceptable, 6.1°C	
Sample Description: Sleep 60ct		Sample Reference:	
UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
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 04Feb2022
Parameter Salmonella	Result 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 08Feb2022
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
Parameter Aerobic Plate Count	Result 90 (est) cfu/g		

CW Hemp - 03

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

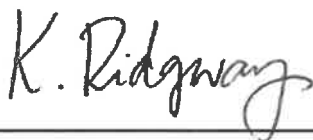
ANALYTICAL REPORT

AR-22-EI-002863-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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.

Eurofins Microbiology Laboratory (Colorado)

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

 CW Hemp - 03

 Stephanie Fitzgerald
 700 Tech Ct
 Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-002864-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Eurofins Sample Code: 397-2022-02030072		Sample Registration Date: 03Feb2022	
Client Sample Code: 22012017310137M		Condition Upon Receipt: acceptable, 6.1°C	
Sample Description: Sleep 60ct		Sample Reference:	
UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
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 04Feb2022
Parameter Salmonella	Result 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 08Feb2022
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
Parameter Aerobic Plate Count	Result 220 (est) cfu/g		

CW Hemp - 03

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-002864-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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.



Eurofins Microbiology Laboratory (Colorado)

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

CW Hemp - 03

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-002865-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Eurofins Sample Code: 397-2022-02030073	Sample Registration Date: 03Feb2022
Client Sample Code: 22012017310137E	Condition Upon Receipt: acceptable, 6.1°C
Sample Description: Sleep 60ct	Sample Reference:

UM5DP - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
--	---------------------------------	--	-------------------------------

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 04Feb2022
--	------------------------------------	--	-------------------------------

Parameter Salmonella	Result Not Detected per 25 g
--------------------------------	--

UMJ12 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 08Feb2022
--	---	--	-------------------------------

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

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

UMMFL - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation ISO/IEC 17025:2017 A2LA 3329.11	Completed 05Feb2022
--	---------------------------------	--	-------------------------------

Parameter Aerobic Plate Count	Result 470 cfu/g
---	----------------------------

CW Hemp - 03

Stephanie Fitzgerald
700 Tech Ct
Louisville, CO 80026

ANALYTICAL REPORT

AR-22-EI-002865-01

Client Code: EI0000159
PO#: PO110633 QC 325

Received On: 03Feb2022
Reported On: 08Feb2022

Respectfully Submitted,



Kiley Ridgway
Operations Support Specialist II

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.