botanacor

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

10mg Immunity Gummy

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
2083A1D	**Potency**	**4/1/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000200189	3/31/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	03/29/2022 @ 10:38 AM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.010	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.011	0.005*	0.05*
Cannabidiolic acid (CBDA)	0.022	0.071	ND	ND
Cannabidiol (CBD)	0.021	0.069	0.142	1.42
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.024	0.079	ND	ND
Cannabinolic Acid (CBNA)	0.014	0.045	ND	ND
Cannabinol (CBN)	0.006	0.021	ND	ND
Cannabigerolic acid (CBGA)	0.020	0.066	ND	ND
Cannabigerol (CBG)	0.005	0.016	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.017	0.056	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.014	ND	ND
Cannabidivarinic Acid (CBDVA)	0.009	0.030	ND	ND
Cannabidivarin (CBDV)	0.005	0.016	ND	ND
Cannabichromenic Acid (CBCA)	0.008	0.025	ND	ND
Cannabichromene (CBC)	0.008	0.028	ND	ND
Total Cannabinoids			**0.147**	**1.47**
Total Potential THC**			0.005	0.05
Total Potential CBD**			0.142	1.42

Notes

Total THC per serving (2ct)=0.4mg

Total THC per container (60ct)=12mg

Karen Winternheimer
1-Apr-22
2:42 PM

PREPARED BY / DATE

Daniel Weidensaul
1-Apr-22
2:47 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.

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CERTIFICATE OF ANALYSIS

Prepared for:

10mg Immunity Gummy

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
2083A1D	**Potency**	**4/1/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000200190	3/31/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	03/29/2022 @ 10:38 AM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.010	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.011	0.005*	0.05*
Cannabidiolic acid (CBDA)	0.021	0.068	ND	ND
Cannabidiol (CBD)	0.021	0.066	0.139	1.39
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.023	0.076	ND	ND
Cannabinolic Acid (CBNA)	0.013	0.043	ND	ND
Cannabinol (CBN)	0.006	0.020	ND	ND
Cannabigerolic acid (CBGA)	0.019	0.063	ND	ND
Cannabigerol (CBG)	0.005	0.015	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.016	0.054	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.014	ND	ND
Cannabidivarinic Acid (CBDVA)	0.009	0.028	ND	ND
Cannabidivarin (CBDV)	0.005	0.016	ND	ND
Cannabichromenic Acid (CBCA)	0.007	0.024	ND	ND
Cannabichromene (CBC)	0.008	0.027	ND	ND
Total Cannabinoids			**0.144**	**1.44**
Total Potential THC**			0.005	0.05
Total Potential CBD**			0.139	1.39

Notes

Total THC per serving (2ct)=0.4mg

Total THC per container (60ct)=12mg

Karen Winternheimer
1-Apr-22
2:42 PM

PREPARED BY / DATE

Daniel Weidensaul
1-Apr-22
2:47 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

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CERTIFICATE OF ANALYSIS

Prepared for:

10mg Immunity Gummy

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
2083A1D	**Potency**	**4/1/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000200191	3/31/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	03/29/2022 @ 10:38 AM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.003	0.009	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.003	0.010	0.005*	0.05*
Cannabidiolic acid (CBDA)	0.020	0.064	ND	ND
Cannabidiol (CBD)	0.019	0.062	0.138	1.38
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.021	0.071	ND	ND
Cannabinolic Acid (CBNA)	0.012	0.041	ND	ND
Cannabinol (CBN)	0.006	0.019	ND	ND
Cannabigerolic acid (CBGA)	0.018	0.059	ND	ND
Cannabigerol (CBG)	0.004	0.014	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.050	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.013	ND	ND
Cannabidivarinic Acid (CBDVA)	0.008	0.027	ND	ND
Cannabidivarin (CBDV)	0.005	0.015	ND	ND
Cannabichromenic Acid (CBCA)	0.007	0.023	ND	ND
Cannabichromene (CBC)	0.008	0.025	ND	ND
Total Cannabinoids			**0.143**	**1.43**
Total Potential THC**			0.005	0.05
Total Potential CBD**			0.138	1.38

Notes

Total THC per serving (2ct)=0.4mg

Total THC per container (60ct)=12mg

Karen Winternheimer
1-Apr-22
2:42 PM
PREPARED BY / DATE

Daniel Weidensaul
1-Apr-22
2:47 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

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Batch Number: 2083A1D By/Date TND02May22

WEIGHING PROTOCOL
[redacted]

Immunity	2083A1D
May 2 2022 16:22	
Weight (1)	3.56104 g
Immunity	2083A1D
May 2 2022 16:23	
Weight (2)	3.63041 g
Immunity	2083A1D
May 2 2022 16:23	
Weight (3)	3.62871 g
Immunity	2083A1D
May 2 2022 16:24	
Weight (4)	3.67357 g
Immunity	2083A1D
May 2 2022 16:26	
Weight (5)	4.01783 g

SIGNATURE Ana Davis

TND02May22

WEIGHING PROTOCOL
[redacted]

Immunity	2083A1D
May 2 2022 16:27	
Weight (1)	3.63296 g
Immunity	2083A1D
May 2 2022 16:28	
Weight (2)	3.52975 g
Immunity	2083A1D
May 2 2022 16:29	
Weight (3)	3.91998 g
Immunity	2083A1D
May 2 2022 16:30	
Weight (4)	4.06760 g
Immunity	2083A1D
May 2 2022 16:31	
Weight (5)	3.29512 g

SIGNATURE Ana Davis

TND02May22

Avg = 3.700697 ~3.7g/gummy TND02May22

Performed By/Date: TND02May22 Reviewed By/Date: ARP03May22

eurofins | Food Integrity & Innovation

Report Number:	**3622945-0**
Report Date:	**04-Apr-2022**
Report Status:	**Final**

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Sample Name:	**2083A1D**	**Eurofins Sample:**	**11591295**
Project ID	CHARLO_WEB-20220328-0184	**Receipt Date**	29-Mar-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	10mg Immunity Gummy	**Login Date**	28-Mar-2022
		Date Started	30-Mar-2022
		Sampled	Sample results apply as received
		Online Order	18705-170483DD

Analysis	Result
Vitamin C	
Vitamin C	14.9 mg/g
Vitamin C	15.0 mg/g
Vitamin C	14.9 mg/g
Vitamin D by LCMS	
Total Vitamin D3	166 IU/g
Total Vitamin D3	169 IU/g
Total Vitamin D3	157 IU/g
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

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Louisville Colorado 80027

Sample Name:	**2083A1D**	**Eurofins Sample:**	**11591295**
Project ID	CHARLO_WEB-20220328-0184	**Receipt Date**	29-Mar-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	10mg Immunity Gummy	**Login Date**	28-Mar-2022
		Date Started	30-Mar-2022
		Sampled	Sample results apply as received
		Online Order	18705-170483DD

Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
Butane	5000 ppm	<500 ppm	Pass
Heptane	5000 ppm	<50.0 ppm	Pass
Hexane	290 ppm	<30.0 ppm	Pass
Pentane	5000 ppm	<25.0 ppm	Pass
Propane	5000 ppm	<1000 ppm	Pass
Toluene	890 ppm	<90.0 ppm	Pass
Xylenes (ortho-, meta-, para-)	2170 ppm	<160 ppm	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Abamectin	0.3 mg/kg	<0.30 mg/kg	Pass
Acephate	5 mg/kg	<0.10 mg/kg	Pass
Acequinocyl	4 mg/kg	<1.0 mg/kg	Pass
Acetamiprid	5 mg/kg	<0.10 mg/kg	Pass
Aldicarb	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfone (Aldoxycarb)	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin	40 mg/kg	<0.10 mg/kg	Pass
Bifenazate	5 mg/kg	<0.10 mg/kg	Pass
Bifenthrin	0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	10 mg/kg	<0.10 mg/kg	Pass
Captan	5 mg/kg	<0.20 mg/kg	Pass
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
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

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Louisville Colorado 80027

Sample Name:	**2083A1D**	**Eurofins Sample:**	**11591295**
Project ID	CHARLO_WEB-20220328-0184	**Receipt Date**	29-Mar-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	10mg Immunity Gummy	**Login Date**	28-Mar-2022
		Date Started	30-Mar-2022
		Sampled	Sample results apply as received
		Online Order	18705-170483DD

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

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Project ID	CHARLO_WEB-20220328-0184	**Receipt Date**	29-Mar-2022
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	10mg Immunity Gummy	**Login Date**	28-Mar-2022
		Date Started	30-Mar-2022
		Sampled	Sample results apply as received
		Online Order	18705-170483DD

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

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Sample Name:	**2083A1D**	**Eurofins Sample:**	**11591295**
Project ID	CHARLO_WEB-20220328-0184	**Receipt Date**	29-Mar-2022
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Description	10mg Immunity Gummy	**Login Date**	28-Mar-2022
		Date Started	30-Mar-2022
		Sampled	Sample results apply as received
		Online Order	18705-170483DD

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

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

Certificate of Analysis

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

Method References	Testing Location

Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)

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

Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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

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

Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

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

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

Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Vitamin C (AOACVITC_S)

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

AOAC Official Method 2012.22, Vitamin C in Infant Formula and Adult/Pediatric Nutritional Formula Liquid Chromatography with Ultraviolet Detection (LC-UV) First Action 2012, Final Action 2016 (Modified).

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Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027

Method References	Testing Location
Vitamin D by LCMS (VDMS_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA.

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International,* Volume (92). No. 5:1327-1335 (2009).

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**

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.

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

10mg Immunity Gummy

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
2083A1D	**Metals**	**4/6/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Unit Co	T000200192	4/5/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM19 (ICP-MS): Heavy Metals	03/29/2022 @ 10:38 AM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.043 - 4.32	ND
Cadmium	0.044 - 4.44	ND
Mercury	0.045 - 4.54	ND
Lead	0.044 - 4.39	ND

Notes

Samantha Smith
Sam Smith
6-Apr-22
1:26 PM
PREPARED BY / DATE

Samantha Smith
Sam Smith
6-Apr-22
1:36 PM
APPROVED BY / DATE

Definitions

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.

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Certificate #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:

10mg Immunity Gummy

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
2083A1D	**Mycotoxins**	**4/6/22**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000200193	4/5/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	03/29/2022 @ 10:38 AM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	3.2 - 127.2	ND
Aflatoxin B1	1 - 32.8	ND
Aflatoxin B2	1 - 32.8	ND
Aflatoxin G1	1.1 - 32.3	ND
Aflatoxin G2	1.1 - 31.5	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Sam Smith
6-Apr-22
1:37 PM
PREPARED BY / DATE

Ryan Weems
6-Apr-22
1:39 PM
APPROVED BY / DATE

Definitions

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

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CDPHE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - Beginning	**Test ID:**	T000200212
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants	**Started:**	3/29/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	**Reported:**	4/1/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
Total Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	1.0x10^3 - 1.5x10^5 CFU/g	**None Detected**
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
STEC	TM-25 PCR	10^0 CFU/g	N/A	**Absent**
Salmonella	TM-25 PCR	10^0 CFU/g	N/A	**Absent**

** 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

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

DEFINITIONS:
CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Jackson Osaghae-Nosa
4/1/2022
9:39:00 AM
PREPARED BY / DATE

Eden Thompson-Wright
4/1/2022
10:39:00 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - Beginning	**Test ID:**	T000200213
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	3/30/2022
Method(s):	TM-28	**Reported:**	4/4/2022

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

Brett Hudson
2-Apr-2022
3:17 PM
PREPARED BY / DATE

Jackson Osaghae-Nosa
4-Apr-2022
9:20 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - Middle	**Test ID:**	T000200215
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants	**Started:**	3/29/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	**Reported:**	4/1/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
Total Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	1.0x10^3 - 1.5x10^5 CFU/g	**None Detected**
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
STEC	TM-25 PCR	10^0 CFU/g	N/A	**Absent**
Salmonella	TM-25 PCR	10^0 CFU/g	N/A	**Absent**

** 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

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

DEFINITIONS:
CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Jackson Osaghae-Nosa
4/1/2022
9:39:00 AM
PREPARED BY / DATE

Eden Thompson-Wright
4/1/2022
10:39:00 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - Middle	**Test ID:**	T000200216
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	3/30/2022
Method(s):	TM-28	**Reported:**	4/4/2022

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

Brett Hudson
2-Apr-2022
3:17 PM
PREPARED BY / DATE

Jackson Osaghae-Nosa
4-Apr-2022
9:20 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - End	**Test ID:**	T000200218
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants	**Started:**	3/29/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	**Reported:**	4/1/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
Total Aerobic Count*	TM-26 Culture Plating	10^2 CFU/g	1.0x10^3 - 1.5x10^5 CFU/g	**None Detected**
Total Coliforms*	TM-27 Culture Plating	10^1 CFU/g	1.0x10^2 - 1.5x10^4 CFU/g	**None Detected**
STEC	TM-25 PCR	10^0 CFU/g	N/A	**Absent**
Salmonella	TM-25 PCR	10^0 CFU/g	N/A	**Absent**

** 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

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

DEFINITIONS:
CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

Jackson Osaghae-Nosa
4/1/2022
9:39:00 AM
PREPARED BY / DATE

Eden Thompson-Wright
4/1/2022
10:39:00 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

10mg Immunity Gummy

Batch ID:	2083A1D - End	**Test ID:**	T000200219
Matrix:	Finished Product	**Received:**	03/29/2022 @ 10:38 AM
Test:	Microbial Contaminants: A-La-Carte	**Started:**	3/30/2022
Method(s):	TM-28	**Reported:**	4/4/2022

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

Brett Hudson
2-Apr-2022
3:17 PM
PREPARED BY / DATE

Jackson Osaghae-Nosa
4-Apr-2022
9:20 AM
APPROVED BY / DATE

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