Eurofins Microbiology Laboratory (Colorado)

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Lafayette, Colorado 80026
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Micro-Colorado@eurofinsUS.com

CW Hemp - 01

Breanna Lash
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-23-EI-006409-01

Client Code: EI0000238
PO#: QC 325

Received On: 17Apr2023
Reported On: 22Apr2023

Eurofins Sample Code: 397-2023-04170042
Client Sample Code: 230411-56124-30 - Composite
Sample Description: ReCreate Energy Gummy 30ct

Sample Registration Date: 17Apr2023
Condition Upon Receipt: acceptable, 19°C
Sample Reference:

UM5DP - Total Coliforms - AOAC 991.14	**Reference** AOAC 991.14	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 19Apr2023

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

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

UMDTC - Salmonella species - AOAC-RI 121501	**Reference** AOAC-RI 121501	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 18Apr2023

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

UMJI2 - Yeast - FDA BAM Chapter 18 mod.	**Reference** FDA BAM Chapter 18 mod.	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 22Apr2023

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

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

UMMFL - Aerobic Plate Count - AOAC 966.23	**Reference** AOAC 966.23	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 19Apr2023

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

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Client Code: EI0000238
PO#: QC 325

Received On: 17Apr2023
Reported On: 22Apr2023

Respectfully Submitted,

Jake Gilgen
Laboratory Supervisor 4-565

Batch Number: 230411-5624-30S By/Date EVE 05Jul23

5.Jul 2023	09:40	5.Jul 2023	09:41
Balance ID	Q094	Balance ID	Q094
Sample ID	23041156124	Sample ID	23041156124
	4.03 g		4.00 g
5.Jul 2023	09:40	5.Jul 2023	09:41
Balance ID	Q094	Balance ID	Q094
Sample ID	23041156124	Sample ID	23041156124
	4.04 g		4.08 g
5.Jul 2023	09:40	5.Jul 2023	09:41
Balance ID	Q094	Balance ID	Q094
Sample ID	23041156124	Sample ID	23041156124
	4.03 g		4.02 g
5.Jul 2023	09:40	5.Jul 2023	09:41
Balance ID	Q094	Balance ID	Q094
Sample ID	23041156124	Sample ID	23041156124
	4.01 g		4.02 g
5.Jul 2023	09:40	5.Jul 2023	09:42
Balance ID	Q094	Balance ID	Q094
Sample ID	23041156124	Sample ID	23041156124
	4.03 g		4.06 g

EVE 05JUL23 EVE 05JUL23

AVE : 4.0 g/ gummy EVE 05Jul23

Performed By/Date: EVE 05JUL23 Reviewed By/Date: ARP 05Jul23

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

SC Labs®
Formerly Botanacor Labs

Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

ReCreate Energy Gummy Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
230410-54124	**Potency**	**4/14/23**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000241110	4/13/23	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC	04/12/2023 @ 10:57 AM	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)	0.004	0.009	ND	ND
Cannabidiolic acid (CBDA)	0.028	0.065	ND	ND
Cannabidiol (CBD)	0.027	0.064	0.384	3.84
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.024	0.063	ND	ND
Cannabinolic Acid (CBNA)	0.014	0.036	ND	ND
Cannabinol (CBN)	0.006	0.016	ND	ND
Cannabigerolic acid (CBGA)	0.020	0.053	ND	ND
Cannabigerol (CBG)	0.005	0.013	<LOQ	<LOQ
Tetrahydrocannabivarinic Acid (THCVA)	0.017	0.044	ND	ND
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND
Cannabidivarinic Acid (CBDVA)	0.012	0.027	ND	ND
Cannabidivarin (CBDV)	0.006	0.015	ND	ND
Cannabichromenic Acid (CBCA)	0.008	0.020	ND	ND
Cannabichromene (CBC)	0.009	0.022	ND	ND
Total Cannabinoids			**0.384**	**3.84**
Total Potential THC**			ND	ND
Total Potential CBD**			0.384	3.84

Notes

N/A

Karen Winternheimer
14-Apr-23
10:15 AM

PREPARED BY / DATE

Sam Smith
14-Apr-23
10:17 AM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
Total THC = THC + (THCa *(0.877)) and
Total CBD = CBD + (CBDa *(0.877))
Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
ND = None Detected (Defined by Dynamic Range of the method)

CDPHE Certified

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

Certificate #4329.02

eurofins | Food Integrity & Innovation

Report Number:	**4049331-0**
Report Date:	**19-Apr-2023**
Report Status:	**Final**

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	**230410-54124**	**Eurofins Sample:**	**12825832**
Project ID	CHARLO_WEB-20230411-0078	**Receipt Date**	12-Apr-2023
PO Number	NPD 370	**Receipt Condition**	Ambient temperature
Description	ReCreate Energy Gummy Bulk	**Login Date**	11-Apr-2023
		Date Started	12-Apr-2023
		Sampled	Sample results apply as received
		Online Order	901-2023-E021366

Analysis	Result
Caloric Calculations	
Calories	318 Cal/100g
Calories from Fat	11.0 Cal/100g
Total Carbohydrate	76.8 g/100g
Fat by Acid Hydrolysis	
Fat	1.4 %
Fatty Acids Calculated as Triglycerides	
Saturated Fatty Acids (Acid Form)	0.368 %
Total Cis Unsaturated Fatty Acids (Acid Form)	0.791 %
Monounsaturated Fatty Acids (Acid Form)	0.720 %
Polyunsaturated Fatty Acids (Acid Form)	0.071 %
Trans Fatty Acids (Acid Form)	<0.007 %
Omega 3 Fatty Acids	<0.007 %
Omega 6 Fatty Acids	0.074 %
Omega 9 Fatty Acids	0.745 %
Total Fatty Acids	1.22 %
4:0 Butyric	<0.007 %
6:0 Caproic	<0.007 %
8:0 Caprylic	0.185 %
10:0 Capric	0.131 %
12:0 Lauric	<0.007 %
14:0 Myristic	<0.007 %
14:1 Myristoleic	<0.007 %
15:0 Pentadecanoic	<0.007 %
15:1 Pentadecenoic	<0.007 %
16:0 Palmitic	0.036 %
16:1 Palmitoleic	<0.007 %
17:0 Heptadecanoic	<0.007 %
17:1 Heptadecenoic	<0.007 %
18:0 Stearic	0.033 %
9c 18:1 Oleic	0.745 %
18:2 Linoleic	0.074 %
18:3 Gamma Linolenic	<0.007 %

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Analysis	Result
Fatty Acids Calculated as Triglycerides	
18:3 Alpha Linolenic	<0.007 %
18:4 Octadecatetraenoic	<0.007 %
20:0 Arachidic	<0.007 %
20:1 Eicosenoic	<0.007 %
20:2 Eicosadienoic	<0.007 %
20:3 Eicosatrienoic (n3)	<0.007 %
20:3 Homogamma Linolenic (n6)	<0.007 %
20:4 Arachidonic (n3)	<0.007 %
20:4 Arachidonic (n6)	<0.007 %
20:5 Eicosapentaenoic	<0.007 %
21:5 Heneicosapentaenoic	<0.007 %
22:0 Behenic	0.010 %
22:1 Erucic	<0.007 %
22:2 Docosadienoic	<0.007 %
22:3 Docosatrienoic	<0.007 %
22:4 Docosatetraenoic	<0.007 %
22:5 Docosapentaenoic (n3)	<0.007 %
22:5 Docosapentaenoic (n6)	<0.007 %
22:6 Docosahexaenoic	<0.007 %
24:0 Lignoceric	<0.007 %
24:1 Nervonic	<0.007 %
Total 18:1 trans	<0.007 %
Total 18:1 cis	0.752 %
Total 18:2 trans	<0.007 %
Total 18:3 trans	<0.007 %
Cholesterol	
Cholesterol	<0.010 mg/g
Total Dietary Fiber	
Total Dietary Fiber	1.75 %
Sugar Profile By Ion Chromatography	
Fructose	0.8 %
Galactose	<0.1 %

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Analysis	Result
Sugar Profile By Ion Chromatography	
Glucose	12.1 %
Sucrose	33.5 %
Lactose	<0.1 %
Isomaltulose	<0.1 %
Maltose	9.8 %
Total Sugar	56.2 %
Protein (N x 6.25) Dumas Method	
Protein	0.84 %
Elements by ICP Emission Spectrometry (ICP-OES)	
Calcium	121 ppm
Iron	<3.97 ppm
Potassium	313 ppm
Sodium	1650 ppm
Vitamin D by LCMS	
Total Vitamin D3	<0.0400 IU/g
Vitamin D3	<0.0400 IU/g
Ash	
Ash	0.395 %
Moisture by M60_T60	
Moisture	20.8 %
Glyphosate and AMPA	
Glyphosate	<10.0 ng/g
AMPA	<10.0 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

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Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
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
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	
Summed Group 1 (Butanes)			
Isobutane (2-Methylpropane)		<500 ppm	
Summed Group 2 (Heptanes)			
2,2,3-Trimethylbutane		<50.0 ppm	
2,3-Dimethylpentane		<50.0 ppm	
2,4-Dimethylpentane		<50.0 ppm	
2-Methylhexane		<50.0 ppm	
3,3-Dimethylpentane		<50.0 ppm	

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Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
3-Ethylpentane		<50.0 ppm	
3-Methylhexane		<50.0 ppm	
Summed Group 3 (Petroleum Ether)			
2,2-Dimethylbutane		<25.0 ppm	
2,3-Dimethylbutane		<25.0 ppm	
2-Methylpentane		<25.0 ppm	
3-Methylpentane		<25.0 ppm	
Summed Group 4 (Xylenes)			
Xylenes-1 (Ethylbenzene)		<40.0 ppm	
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

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
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
Myclobutanil	9 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
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.		-	
Note 2: Prallethrin reporting limit is higher than BCC action level, but EPA tolerance is 1 ppm.		-	

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Analysis	Limit	Result	Pass/Fail
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.		-	

Method References	Testing Location
Ash (ASHM_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 923.03, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	
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	
Caloric Calculations (CALC_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
United States Department of Agriculture, "Energy Value of Foods," Agriculture Handbook No. 74, pp 2-11 (1973).	
Code of Federal Regulation, Title 21, Part 101.9, pp. 24-25	
Cholesterol (CHOLSTRL_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
AOCS Official Method Ce 12-16, Sterols and Stanols in Foods and Dietary Supplements Containing Added Phytosterols (Modified).	

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Method References	Testing Location

Elements by ICP Emission Spectrometry (ICP-OES) (ICP_S)

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

Official Methods of Analysis of AOAC INTERNATIONAL, Method 984.27, 985.01, and 2011.14, AOAC INTERNATIONAL, Gaithersburg, MD, USA. (Modified)

Fat by Acid Hydrolysis (FAT_AH_S)

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

Food Products that are not Dairy, Egg or Cheese Products
Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18TH Ed., AOAC, INTERNATIONAL, Gaithersburg, MD, USA, Official Methods 922.06 and 954.02. (Modified)

Cheese and Cheese Products
Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 933.05. (Modified)

Egg, Egg Products, and Mayonnaise
Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 925.32. (Modified)

Fatty Acids Calculated as Triglycerides (FALT_S)

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

Official Method No. 996.06, Official Methods of Analysis of the AOAC INTERNATIONAL (modified), 19th Ed., AOAC INTERNATIONAL: Gaithersburg, Maryland (2012).

Official Methods and Recommended Practices of the AOCS, Official methods Ce 2b-11 (2011), Ce 1h-05 (2009), Ce 1j-07 (2013), Ce 2-66 (2009),The American Oil Chemists' Society, Champaign, IL (modified).

Glyphosate and AMPA (GLY_AMPA_S)

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

Internally developed method.

Moisture by M60_T60 (M60_T60_S)

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

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 925.45, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

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.

Protein (N x 6.25) Dumas Method (DGEN_S)

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

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 968.06 and 992.15, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)

Sugar Profile By Ion Chromatography (SGIC_2_S)

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

AOAC 2018.16 Sugar Profile in Food, Dietary Supplements, Pet Food and Animal Feeds (modified)

Total Dietary Fiber (TDFL_S)

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

Official Methods of Analysis of AOAC INTERNATIONAL 18th Ed., Method 991.43, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

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:

ReCreate Energy Gummy Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
230410-54124	**Metals**	**4/14/23**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Unit Co	T000241111	4/12/23	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM19 (ICP-MS): Heavy Metals	04/12/2023 @ 10:57 AM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.041 - 4.08	ND
Cadmium	0.042 - 4.19	ND
Mercury	0.042 - 4.23	ND
Lead	0.042 - 4.19	ND

Notes

Samantha Smith
Sam Smith
14-Apr-23
10:48 AM

PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
14-Apr-23
10:51 AM

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.

ACCREDITED

Certificate #4329.02

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:

ReCreate Energy Gummy Bulk

CWB HOLDINGS, INC

Batch ID or Lot Number:	Test:	Reported:	Location:
230410-54124	**Mycotoxins**	**4/20/23**	700 Tech Ct. Louisville, CO 80027

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000241112	4/19/23	N/A

Status:	Method:	Received:	Sampler ID:
Active	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	04/12/2023 @ 10:57 AM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	1.4 - 131	ND
Aflatoxin B1	0.9 - 33.1	ND
Aflatoxin B2	1 - 32.9	ND
Aflatoxin G1	1 - 33.2	ND
Aflatoxin G2	1 - 33.5	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Sam Smith
20-Apr-23
11:43 AM
PREPARED BY / DATE

Karen Winternheimer
20-Apr-23
11:45 AM
APPROVED BY / DATE

Definitions

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

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01

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Certificate #4329.02

789 N. Dixboro Rd. Ann Arbor, MI 48105, USA
1-800.NSF.MARK | +1-734.769.8010 | www.nsf.org

Live Safer

EVALUATION REPORT

Send To: C0496778
Mr. Richard Wright
Charlotte's Web, Inc.
700 Tech Court
Louisville, CO 80027

Facility: C0582540
Charlotte's Web, Inc.
700 Tech Ct.
Louisville CO 80027
United States

Result	**PASS**	Report Date	20-JUN-2023

Customer Name	Charlotte's Web, Inc.
Tested To	NSF 306
Description	ReCreate™ Endurance Gummies | Gummy | 230411-56124-30S
Trade Designation	ReCreate™ Endurance Gummies
Test Type	Qualification
Job Number	J-00464788
Project Number	W0847407
Project Manager	DePresha Johnson

Thank you for having your product tested by NSF.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization **Date** 20-JUN-2023
Brandi Reinbold - Technical Lead, Health Sciences Certification

General Information

Guideline: NSF 306

DCC Number: DS05534
Lot#: 230411-56124-30S
Physical Description of Sample: Gummy
Test Description: NSF Certified for Sport Testing
Trade Designation / Product ID: ReCreate™ Endurance Gummies

Sample Id: **S-0002020275**
Description: ReCreate™ Endurance Gummies | Gummy | 230411-56124-30S
Sampled Date: 06/02/2023
Received Date: 06/02/2023

Testing Parameter	Result	Units	Technique	Date analyzed
General Information				
Expiration Date	10/24			
Lot Number	230411-56124-30S			
Mass per tablet	4.03	grams		
Servings per daily dose	2			
Tablets per serving	2			

Sample Id: **S-0002020276**
Description: ReCreate™ Endurance Gummies | Gummy | 230411-56124-30S
Sampled Date: 06/02/2023
Received Date: 06/02/2023

Testing Parameter	Result	Units	Technique	Date analyzed
Anabolic Agents				
5a-Androstan-3a, 17a-diol	ND(20)	ng/g	GCMS	9-JUN-2023
5a-Androstan-3a, 17b-diol	ND(20)	ng/g	GCMS	9-JUN-2023
5a-Androstan-3b, 17a-diol	ND(20)	ng/g	GCMS	9-JUN-2023
5a-Androstan-3b, 17b-diol	ND(20)	ng/g	GCMS	9-JUN-2023
Androstanedione	ND(5.0)	ng/g	GCMS	9-JUN-2023
2-Androsten-17-one	ND(5.0)	ng/g	GCMS	9-JUN-2023
5-Androsten-3, 17-dione	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androsten-3a, 17b-diol	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androsten-3a-ol-17-one	ND(5.0)	ng/g	GCMS	9-JUN-2023
5-Androsten-3b, 17a-diol	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androsten-3b,17a-diol	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androsten-3b-ol-17-one	ND(5.0)	ng/g	GCMS	9-JUN-2023
1-Androstendiol	ND(5.0)	ng/g	GCMS	9-JUN-2023
1-Androstendione	ND(5.0)	ng/g	GCMS	9-JUN-2023
4-Androstenediol	ND(20)	ng/g	GCMS	9-JUN-2023
Androstenediol	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androstenedione	ND(20)	ng/g	GCMS	9-JUN-2023
1-Androsterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Androsterone	ND(20)	ng/g	GCMS	9-JUN-2023
Bolandiol	ND(10)	ng/g	GCMS	9-JUN-2023
Bolasterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Boldenone	ND(10)	ng/g	GCMS	9-JUN-2023
Boldione	ND(5.0)	ng/g	GCMS	9-JUN-2023
Calusterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Clostebol	ND(5.0)	ng/g	GCMS	9-JUN-2023

Sample Id: **S-0002020276**

Testing Parameter	Result	Units	Technique	Date analyzed
Anabolic Agents				
Danazol	ND(5.0)	ng/g	GCMS	9-JUN-2023
Dehydroandrosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Dehydroepiandrosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Desoxymethyltestosterone	ND(10)	ng/g	GCMS	9-JUN-2023
Dihydrotestosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Drostanolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Epiandrosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Estra-4,9,11-triene-3,17-dione	ND(5)	ng/g	LCMS	8-JUN-2023
Estra-4,9-diene-3,17-dione	ND(5)	ng/g	LCMS	8-JUN-2023
Ethylestrenol	ND(10)	ng/g	GCMS	9-JUN-2023
Etiocholanolone	ND(20)	ng/g	GCMS	9-JUN-2023
Exemestane	ND(20)	ng/g	GCMS	9-JUN-2023
Fluoxymesterone	ND(10)	ng/g	GCMS	9-JUN-2023
Formebolone	ND(5)	ng/g	LCMS	8-JUN-2023
Furazabol	ND(5.0)	ng/g	GCMS	9-JUN-2023
Gestrinone	ND(5)	ng/g	LCMS	8-JUN-2023
11a-Hydroxymethyltestosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
17-Hydroxyprogesterone	ND(20)	ng/g	GCMS	9-JUN-2023
4-Hydroxytestosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Mestanolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Mesterolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methandienone	ND(2.0)	ng/g	GCMS	9-JUN-2023
Methandriol	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methasterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methenolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methyl-1-testosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methylclostebol	ND(5)	ng/g	LCMS	8-JUN-2023
Methylclostediol	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methyldienolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methylnortestosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Methylstenbolone	ND(5)	ng/g	LCMS	8-JUN-2023
Methyltestosterone	ND(2.0)	ng/g	GCMS	9-JUN-2023
Methyltrienolone	ND(5)	ng/g	LCMS	8-JUN-2023
Mibolerone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Nandrolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
19-Nor-5-Androstenediol	ND(5.0)	ng/g	GCMS	9-JUN-2023
19-Norandrostenedione	ND(5.0)	ng/g	GCMS	9-JUN-2023
19-Norandrosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Norbolethone	ND(5.0)	ng/g	LCMS	9-JUN-2023
Norclostebol	ND(5.0)	ng/g	GCMS	9-JUN-2023
Norethandrolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
19-Noretiocholanolone	ND(20)	ng/g	GCMS	9-JUN-2023
Oxabolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Oxandrolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Oxymesterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Oxymetholone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Progesterone	ND(100)	ng/g	GCMS	9-JUN-2023
Prostanozol	ND(5)	ng/g	LCMS	8-JUN-2023
Quinbolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Stanozolol	ND(2)	ng/g	LCMS	8-JUN-2023

Sample Id: **S-0002020276**

Testing Parameter	Result	Units	Technique	Date analyzed
Anabolic Agents				
Stenbolone	ND(5)	ng/g	LCMS	8-JUN-2023
1-Testosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Testosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Tetrahydrogestrinone	ND(5)	ng/g	LCMS	8-JUN-2023
Tibolone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Trenbolone	ND(5)	ng/g	LCMS	8-JUN-2023
Turinabol-oral	ND(2.0)	ng/g	GCMS	9-JUN-2023
Turinadiol-a	ND(5)	ng/g	GCMS	9-JUN-2023
Turinadiol-b	ND(5)	ng/g	GCMS	9-JUN-2023
Zilpaterol	ND(5)	ng/g	LCMS	8-JUN-2023
alpha-Zearalanol	ND(5)	ng/g	LCMS	8-JUN-2023
Epi-dihydrotestosterone	ND(20)	ng/g	GCMS	9-JUN-2023
7a-hydroxy-dehydroepiandrosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
7b-hydroxy-dehydroepiandrosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
7-keto-dehydroepiandrosterone	ND(5.0)	ng/g	GCMS	9-JUN-2023
Beta-Agonists				
Bambuterol	ND(20)	ng/g	LCMS	8-JUN-2023
Brombuterol	ND(20)	ng/g	LCMS	8-JUN-2023
Clenbuterol	ND(2)	ng/g	LCMS	8-JUN-2023
Clozapine	ND(25)	ng/g	LCMS	8-JUN-2023
Fenoterol	ND(20)	ng/g	LCMS	8-JUN-2023
Formoterol	ND(20)	ng/g	LCMS	8-JUN-2023
Labetalol	ND(25)	ng/g	LCMS	8-JUN-2023
Procaterol	ND(20)	ng/g	LCMS	8-JUN-2023
Propafenone	ND(25)	ng/g	LCMS	8-JUN-2023
Ractopamine	ND(20)	ng/g	LCMS	8-JUN-2023
Ritodrine	ND(20)	ng/g	LCMS	8-JUN-2023
Salbutamol	ND(20)	ng/g	LCMS	8-JUN-2023
Salmeterol	ND(20)	ng/g	LCMS	8-JUN-2023
Terbutaline	ND(20)	ng/g	LCMS	8-JUN-2023
Vilanterol	ND(20)	ng/g	LCMS	8-JUN-2023
Diuretics				
Acetazolamide	ND(20)	ng/g	LCMS	8-JUN-2023
Althiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Amiloride	ND(20)	ng/g	LCMS	8-JUN-2023
Bendroflumethiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Benzthiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Bumetanide	ND(20)	ng/g	LCMS	8-JUN-2023
Buthiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Canrenone	ND(20)	ng/g	LCMS	8-JUN-2023
Chlorothiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Chlorthalidone	ND(40)	ng/g	LCMS	8-JUN-2023
Cyclothiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Ethacrynic acid	ND(20)	ng/g	LCMS	8-JUN-2023
Furosemide	ND(20)	ng/g	LCMS	8-JUN-2023
Hydrochlorothiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Hydroflumethiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Indapamide	ND(20)	ng/g	LCMS	8-JUN-2023
Methiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Methylclothiazide	ND(20)	ng/g	LCMS	8-JUN-2023

Sample Id: **S-0002020276**

Testing Parameter	Result	Units	Technique	Date analyzed
Diuretics				
Metolazone	ND(20)	ng/g	LCMS	8-JUN-2023
Polythiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Quinethazone	ND(20)	ng/g	LCMS	8-JUN-2023
Spironolactone	ND(20)	ng/g	LCMS	8-JUN-2023
Triamterene	ND(20)	ng/g	LCMS	8-JUN-2023
Trichlormethiazide	ND(20)	ng/g	LCMS	8-JUN-2023
Hormone Antagonists				
Aminoglutethimide	ND(20)	ng/g	LCMS	8-JUN-2023
Anastrazole	ND(20)	ng/g	LCMS	8-JUN-2023
Androsta-1,4,6-trien-17b-ol-3-one	ND(20)	ng/g	LCMS	8-JUN-2023
Androsta-1,4,6-trienedione	ND(20)	ng/g	LCMS	8-JUN-2023
Androsta-3,5-diene-7,17-dione	ND(20)	ng/g	GCMS	9-JUN-2023
5a-Androstan-17b-ol-3,6-dione	ND(20)	ng/g	GCMS	9-JUN-2023
5a-Androstan-3,6,17-trione	ND(20)	ng/g	GCMS	9-JUN-2023
4-Androsten-3,6,17-trione	ND(20)	ng/g	GCMS	9-JUN-2023
Clomiphene	ND(20)	ng/g	LCMS	8-JUN-2023
Cyclofenil	ND(20)	ng/g	LCMS	8-JUN-2023
N-Desmethyltamoxifen	ND(20)	ng/g	LCMS	8-JUN-2023
Formestane	ND(20)	ng/g	GCMS	9-JUN-2023
Fulvestrant	ND(20)	ng/g	LCMS	8-JUN-2023
Letrozole	ND(40)	ng/g	LCMS	8-JUN-2023
Raloxifene	ND(20)	ng/g	LCMS	8-JUN-2023
Tamoxifen	ND(20)	ng/g	LCMS	8-JUN-2023
Testolactone	ND(20)	ng/g	LCMS	8-JUN-2023
Toremifene	ND(20)	ng/g	LCMS	8-JUN-2023
6-alpha-bromoandrostadiendione	ND(20)	ng/g	LCMS	8-JUN-2023
6-alpha-bromoandrostenedione	ND(20)	ng/g	LCMS	8-JUN-2023
6-alpha-bromotestosterone	ND(20)	ng/g	LCMS	8-JUN-2023
6-beta-bromoandrostadiendione	ND(20)	ng/g	LCMS	8-JUN-2023
6-beta-bromoandrostenedione	ND(20)	ng/g	LCMS	8-JUN-2023
6-beta-bromotestosterone	ND(20)	ng/g	LCMS	8-JUN-2023
Masking Agents				
Dutasteride	ND(20)	ng/g	LCMS	8-JUN-2023
Epitestosterone	ND(20)	ng/g	GCMS	9-JUN-2023
Finasteride	ND(20)	ng/g	LCMS	8-JUN-2023
Probenecid	ND(20)	ng/g	LCMS	8-JUN-2023
Narcotics/Cannabinoids				
JWH-018	ND(5)	ng/g	LCMS	8-JUN-2023
JWH-073	ND(5)	ng/g	LCMS	8-JUN-2023
HU-210	ND(20)	ng/g	LCMS	8-JUN-2023
Codeine	ND(10)	ng/g	LCMS	8-JUN-2023
LSD	ND(10)	ng/g	LCMS	8-JUN-2023
Morphine	ND(100)	ng/g	LCMS	8-JUN-2023
Oxycodone	ND(10)	ng/g	LCMS	8-JUN-2023
Phencyclidine	ND(10)	ng/g	LCMS	8-JUN-2023
delta-10-THC	ND(100)	ng/g	LCMS	8-JUN-2023
delta-8-THC	130	ng/g	LCMS	8-JUN-2023
delta-9-THC	670	ng/g	LCMS	8-JUN-2023
4-hydroxybutanoic acid (GHB)	ND(1000)	ng/g	GCMS	8-JUN-2023
Stimulants				

Sample Id: **S-0002020276**

Testing Parameter	Result	Units	Technique	Date analyzed
Stimulants				
Adrafinil	ND(25)	ng/g	LCMS	8-JUN-2023
6-Amino-2-methyl-2-heptanol	ND(25)	ng/g	LCMS	8-JUN-2023
2-Aminoheptane	ND(25)	ng/g	LCMS	8-JUN-2023
Amiphenazole	ND(40)	ng/g	LCMS	8-JUN-2023
Amphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Benfluorex	ND(25)	ng/g	LCMS	8-JUN-2023
Benzphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Benzylpiperazine	ND(25)	ng/g	LCMS	8-JUN-2023
Bromantan	ND(25)	ng/g	LCMS	8-JUN-2023
Carphedone	ND(25)	ng/g	LCMS	8-JUN-2023
Cathine	ND(25)	ng/g	LCMS	8-JUN-2023
p-Chloroamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Chlorphentermine	ND(25)	ng/g	LCMS	8-JUN-2023
Clobenzorex	ND(25)	ng/g	LCMS	8-JUN-2023
Cocaine	ND(25)	ng/g	LCMS	8-JUN-2023
Cropropamide	ND(25)	ng/g	LCMS	8-JUN-2023
Crotethamide	ND(25)	ng/g	LCMS	8-JUN-2023
Deprenyl	ND(25)	ng/g	LCMS	8-JUN-2023
N-Desmethylselegiline	ND(25)	ng/g	LCMS	8-JUN-2023
N-Desmethylsibutramine	ND(25)	ng/g	LCMS	8-JUN-2023
Deterenol	ND(25)	ng/g	LCMS	8-JUN-2023
N,N-Didesmethylsibutramine	ND(25)	ng/g	LCMS	8-JUN-2023
N,a-Diethylphenylethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
N,b-Diethylphenylethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
Diethylpropion	ND(25)	ng/g	LCMS	8-JUN-2023
N,N-Dimethyl-2-phenylpropan-1-amine	ND(25)	ng/g	LCMS	8-JUN-2023
Dimethylamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
1,3-Dimethylbutylamine	ND(25)	ng/g	LCMS	8-JUN-2023
N,N-Dimethylphenylethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
Ephedrine	ND(10)	ng/g	LCMS	8-JUN-2023
Ethamivan	ND(25)	ng/g	LCMS	8-JUN-2023
Ethylamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Etilefrine	ND(25)	ng/g	LCMS	8-JUN-2023
Famprofazone	ND(25)	ng/g	LCMS	8-JUN-2023
Fenbutrazate	ND(25)	ng/g	LCMS	8-JUN-2023
Fencamfamine	ND(25)	ng/g	LCMS	8-JUN-2023
Fencamine	ND(25)	ng/g	LCMS	8-JUN-2023
Fenetylline	ND(25)	ng/g	LCMS	8-JUN-2023
Fenfluramine	ND(25)	ng/g	LCMS	8-JUN-2023
Fenproporex	ND(25)	ng/g	LCMS	8-JUN-2023
Furfenorex	ND(25)	ng/g	LCMS	8-JUN-2023
4-Hydroxyamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Isometheptene	ND(25)	ng/g	LCMS	8-JUN-2023
3,4-MDA	ND(25)	ng/g	LCMS	8-JUN-2023
3,4-MDMA	ND(25)	ng/g	LCMS	8-JUN-2023
Mazindol	ND(25)	ng/g	LCMS	8-JUN-2023
Meclofenoxate	ND(25)	ng/g	LCMS	8-JUN-2023
Mefenorex	ND(25)	ng/g	LCMS	8-JUN-2023
Mephentermine	ND(25)	ng/g	LCMS	8-JUN-2023
Mesocarb	ND(25)	ng/g	LCMS	8-JUN-2023

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Testing Parameter	Result	Units	Technique	Date analyzed
Stimulants				
Methamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
2-Methoxyphenylethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
Methyl-(3-phenylpropyl)-amine	ND(25)	ng/g	LCMS	8-JUN-2023
4-Methylamphetamine	ND(25)	ng/g	LCMS	8-JUN-2023
Methylephedrine	ND(10)	ng/g	LCMS	8-JUN-2023
Methylhexanamine	ND(25)	ng/g	LCMS	8-JUN-2023
N-Methylphenethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
beta-Methylphenethylamine	ND(25)	ng/g	LCMS	8-JUN-2023
Methylphenidate	ND(25)	ng/g	LCMS	8-JUN-2023
N-Methylpseudoephedrine	ND(25)	ng/g	LCMS	8-JUN-2023
Methylsynephrine	ND(25)	ng/g	LCMS	8-JUN-2023
Modafinil	ND(25)	ng/g	LCMS	8-JUN-2023
Nikethamide	ND(25)	ng/g	LCMS	8-JUN-2023
Norfenefrine	ND(25)	ng/g	LCMS	8-JUN-2023
Norfenfluramine	ND(25)	ng/g	LCMS	8-JUN-2023
Octopamine	ND(100)	ng/g	LCMS	8-JUN-2023
Oxethazaine	ND(25)	ng/g	LCMS	8-JUN-2023
Pemoline	ND(25)	ng/g	LCMS	8-JUN-2023
Pentylenetetrazole	ND(25)	ng/g	LCMS	8-JUN-2023
Phendimetrazine	ND(25)	ng/g	LCMS	8-JUN-2023
Phenmetrazine	ND(25)	ng/g	LCMS	8-JUN-2023
Phenpentermine	ND(25)	ng/g	LCMS	8-JUN-2023
Phenpromethamine	ND(25)	ng/g	LCMS	8-JUN-2023
Phentermine	ND(25)	ng/g	LCMS	8-JUN-2023
1-Phenyl-2-butanamine	ND(25)	ng/g	LCMS	8-JUN-2023
1-Phenylpentan-2-amine	ND(25)	ng/g	LCMS	8-JUN-2023
Phenylpropanolamine	ND(25)	ng/g	LCMS	8-JUN-2023
Prenylamine	ND(25)	ng/g	LCMS	8-JUN-2023
Prolintane	ND(25)	ng/g	LCMS	8-JUN-2023
Propylhexadrine	ND(25)	ng/g	LCMS	8-JUN-2023
Pseudoephedrine	ND(10)	ng/g	LCMS	8-JUN-2023
Pyrovalerone	ND(25)	ng/g	LCMS	8-JUN-2023
Sibutramine	ND(25)	ng/g	LCMS	8-JUN-2023
Strychnine	ND(25)	ng/g	LCMS	8-JUN-2023
Trimetazidine	ND(25)	ng/g	LCMS	8-JUN-2023
2-amino-5-methylhexane	ND(25)	ng/g	LCMS	8-JUN-2023
2-amino-6-methylheptane	ND(25)	ng/g	LCMS	8-JUN-2023
Beta Blockers				
Acebutolol	ND(25)	ng/g	LCMS	8-JUN-2023
Alprenolol	ND(25)	ng/g	LCMS	8-JUN-2023
Atenolol	ND(25)	ng/g	LCMS	8-JUN-2023
Betaxolol	ND(25)	ng/g	LCMS	8-JUN-2023
Bisoprolol	ND(25)	ng/g	LCMS	8-JUN-2023
Carteolol	ND(25)	ng/g	LCMS	8-JUN-2023
Esmolol	ND(25)	ng/g	LCMS	8-JUN-2023
Levbunolol	ND(25)	ng/g	LCMS	8-JUN-2023
Metoprolol	ND(25)	ng/g	LCMS	8-JUN-2023
Nadolol	ND(25)	ng/g	LCMS	8-JUN-2023
Oxprenolol	ND(25)	ng/g	LCMS	8-JUN-2023
Pindolol	ND(25)	ng/g	LCMS	8-JUN-2023

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Testing Parameter	Result	Units	Technique	Date analyzed
Beta Blockers				
Propranolol	ND(25)	ng/g	LCMS	8-JUN-2023
Sotalol	ND(25)	ng/g	LCMS	8-JUN-2023
Timolol	ND(25)	ng/g	LCMS	8-JUN-2023
Selective Androgen Receptor Modulators				
S-1	ND(5)	ng/g	LCMS	7-JUN-2023
LGD-4033	ND(5.0)	ng/g	LCMS	8-JUN-2023
C-6	ND(5)	ng/g	LCMS	7-JUN-2023
Andarine	ND(5)	ng/g	LCMS	7-JUN-2023
CAS#541497-95-4	ND(5)	ng/g	LCMS	7-JUN-2023
Ostarine	ND(5)	ng/g	LCMS	7-JUN-2023
Metabolic Modulators				
AICAR	ND(25)	ng/g	LCMS	8-JUN-2023
GW0742	ND(10)	ng/g	LCMS	7-JUN-2023
GW501516	ND(10)	ng/g	LCMS	7-JUN-2023
Growth Hormone Secretagogues				
GHRP-1	ND(200)	ng/g	LCMS	7-JUN-2023
GHRP-2	ND(200)	ng/g	LCMS	7-JUN-2023
LGD-2226	ND(5)	ng/g	LCMS	8-JUN-2023
GHRP-4	ND(200)	ng/g	LCMS	7-JUN-2023
GHRP-5	ND(200)	ng/g	LCMS	7-JUN-2023
GHRP-6	ND(200)	ng/g	LCMS	7-JUN-2023
Alexamorelin	ND(200)	ng/g	LCMS	7-JUN-2023
Anamorelin	ND(5.0)	ng/g	LCMS	8-JUN-2023
Hexarelin	ND(200)	ng/g	LCMS	7-JUN-2023
Ibutamoren	ND(5)	ng/g	LCMS	8-JUN-2023
Ipamorelin	ND(200)	ng/g	LCMS	7-JUN-2023

Job Notes:

Conformance assessment for delta-8-THC was performed under NSF Deviation # 2023-008.

Testing Laboratories:

	Id	Address
All work performed at: (Unless otherwise specified)	NSF_AA	NSF 789 N. Dixboro Road Ann Arbor MI 48105

References to Testing Procedures:

NSF Reference	Parameter / Test Description
C0432	Anabolic Agents Semi-Quantitative by GC/MS in Product
C1032	* Dietary Supplements Lab Summary Test Code
C1118	Stimulants Semi-Quantitative by LC/MS in Product, ABS Screen
C1119	Steroids Semi-Quantitative by LCMS in Product, ABS Screen
C1120	Diuretics Semi-Quantitative by LCMS in Product, ABS Screen
C1221	Stimulants Semi-Quantitative by HILIC/MS in Product, ABS Screen
C1222	GHRPs Semi-Quantitative by LC/HRMS in Product, ABS Screen
C1225	GHB Semi-Quantitative by GC/MS in Product
C1230	ABS Portion & Weigh Date
C1317	SARMs Semi-Quantitative by LC/MS in Product, ABS Screen

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF requirements but is not within its scope of accreditation.

Unless otherwise indicated, method uncertainties are not applied in any determinations of conformity. Testing utilizes the requested sections of any referenced standards, which may not be the entire standard.

Dates of Laboratory Activity: 02-JUN-2023 to 20-JUN-2023