

Marihuana Potency Analysis by High Performance Liquid Chromatography

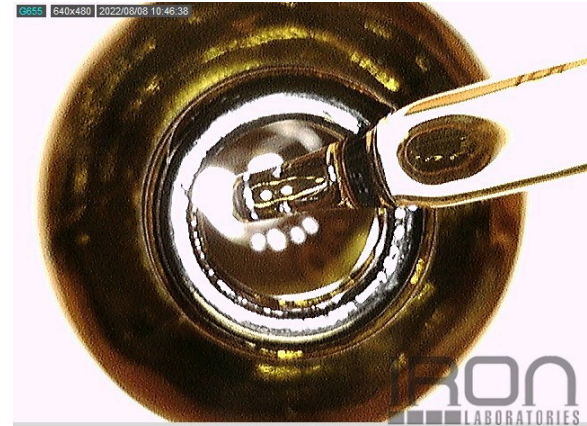
Testing Accreditation #: 77802

Test Certificate #: 137413-001

**Client Name, Sample Details**  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Green Doctor CBD Oil 1000mg  
**Type:** Infused Product  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP220809A  
**Scale:** XS205-MI2  
**Temp:** 22 °C  
**Baro Pressure:** 983.1 hPa  
**Analyst:** KEB  
**Technician:** KEB

**Sample ID#:** 137413  
**Harvest/Process Date:** 08/08/2022  
**Serving Size (g):** 0.92  
**Date Received:** 08/08/2022  
**Test Date:** 08/09/2022  
**Valid Through:** 08/10/2023  
**Report Issued:** 08/10/2022



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	0.08	N/D	N/D	2.48	N/D	0.52	N/D	0.02	0.15	N/D	N/D	0.02	3.27	0.08	2.48	3.27
Amount (mg/g)	0.80	N/D	N/D	24.83	N/D	5.21	N/D	0.21	1.52	N/D	N/D	0.15	32.72	0.80	24.83	32.72
Amount per Serving (mg)	0.736	N/D	N/D	22.8436	N/D	4.7932	N/D	0.1932	1.3984	N/D	N/D	0.138	30.10	<b>Serving Size~ (g):</b>		0.92
LOQ (mg/g)	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	3.99%	3.93%	5.42%	1.37%	1.33%	0.63%	1.03%	0.39%	0.66%	0.04%	2.36%	1.08%			100%	100%

Serving size = 1 mL. 60 servings per bottle.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Katrina Barnes*  
 Katrina Barnes, Lab Manager



*Mac Hyman*  
 Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 137413-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Green Doctor CBD Oil 1000mg  
**Type:** Infused Product  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP220809A  
**Scale:** XS205-MI2  
**Temp:** 22 °C  
**Baro Pressure:** 983.1 hPa  
**Analyst:** KEB  
**Technician:** KEB

Sample ID#: 137413  
**Harvest/Process Date:** 08/08/2022  
**Serving Size (g):** 0.92  
**Date Received:** 08/08/2022  
**Test Date:** 08/09/2022  
**Valid Through:** 08/10/2023  
**Report Issued:** 08/10/2022



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	5.00025	5.28177	105.63	5.07529	101.50	3.99%	
THCA	0	5.06129	5.253	103.79	5.05051	99.79	3.93%	
Δ8-THC	0	5.29955	5.63036	106.24	5.33317	100.63	5.42%	
CBD	0	4.9448	5.05942	102.32	5.12929	103.73	1.37%	
CBDA	0	4.93703	5.01321	101.54	5.08048	102.91	1.33%	
CBG	0	5.28894	5.43458	102.75	5.4689	103.40	0.63%	
CBGA	0	5.02695	5.10535	101.56	5.15841	102.62	1.03%	
CBN	0	4.91749	5.03283	102.35	5.01348	101.95	0.39%	
CBC	0	5.16449	5.19251	100.54	5.22686	101.21	0.66%	
CBCA	N/A	0	0	0.00	0	0.00	0%	
CBL	0	5.28355	5.27037	99.75	5.27245	99.79	0.04%	
THCV	0	5.45139	5.2692	96.66	5.39481	98.96	2.36%	
CBDV	0	5.12293	5.21466	101.79	5.27117	102.89	1.08%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Katrina Barnes*  
 Katrina Barnes, Lab Manager



*Mac Hyman*  
 Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 143332-001

**Client Name, Sample Details**  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Full Spectrum CBD Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-M12  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

**Sample ID#:** 143332  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.99  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



Sample #143332

Sample #143332

Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	1.4	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.4	0.0	1.4	1.4
Amount (mg/g)	0.1	N/D	N/D	13.6	N/D	N/D	N/D	N/D	0.2	N/D	N/D	0.1	14	0.1	13.6	14.0
Amount per Serving (mg)	0.399	N/D	N/D	54.264	N/D	N/D	N/D	N/D	0.798	N/D	N/D	0.399	55.9	Serving Size~ (g):		4.0
LOQ (mg/g)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		%Decarb.	THC	CBD
±%RPD	0.50%	0.99%	1.70%	0.24%	0.01%	1.08%	0.37%	0.12%	0.09%	2.83%	1.76%	0.21%			100%	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143332-001

<b>Client Name, Sample Details</b> <b>Green Dr</b> Walled Lake, MI 48390 <b>Sample:</b> Full Spectrum CBD Gummy <b>Type:</b> Edible <b>Method:</b> FE04U12 HPLC-UV	<b>Test Conditions</b> <b>Prepsheet ID#:</b> MIP231102b <b>Scale:</b> XS205-M12 <b>Temp:</b> 22.5 °C <b>Baro Pressure:</b> 980.6 hPa <b>Analyst:</b> ARH <b>Technician:</b> ARH	<b>Sample ID#:</b> 143332 <b>Harvest/Process Date:</b> 10/31/2023 <b>Serving Size (g):</b> 3.99 <b>Date Received:</b> 10/31/2023 <b>Test Date:</b> 11/02/2023 <b>Valid Through:</b> 11/02/2024 <b>Report Issued:</b> 11/07/2023
---	---	---



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	4.60095	4.58179	99.58	4.55889	99.09	0.50%	
THCA	0	4.28743	4.28603	99.97	4.24397	98.99	0.99%	
Δ8-THC	0	4.15004	4.46435	107.57	4.38921	105.76	1.70%	
CBD	0	4.44283	4.48325	100.91	4.47256	100.67	0.24%	
CBDA	0	4.28834	4.30913	100.48	4.30955	100.49	0.01%	
CBG	0	4.55078	4.56083	100.22	4.51206	99.15	1.08%	
CBGA	0	4.22766	4.24405	100.39	4.22858	100.02	0.37%	
CBN	0	4.41073	4.4404	100.67	4.44571	100.79	0.12%	
CBC	0	4.29126	4.3138	100.53	4.30995	100.44	0.09%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.38505	4.48366	102.25	4.35871	99.40	2.83%	
THCV	0	4.63823	4.43945	95.71	4.51815	97.41	1.76%	
CBDV	0	4.35856	4.4053	101.07	4.41458	101.29	0.21%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 143333-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Good Energy Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231109A  
**Scale:** XS205-MI2  
**Temp:** 21.4 °C  
**Baro Pressure:** 977.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

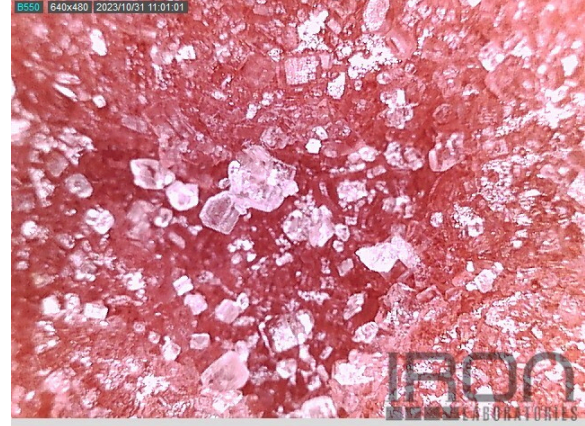
Sample ID#: 143333  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.58  
**Date Received:** 10/31/2023  
**Test Date:** 11/09/2023  
**Valid Through:** 11/09/2024  
**Report Issued:** 11/11/2023



B549 640x480 2023/10/31 11:00:46



B550 640x480 2023/10/31 11:01:01



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	0.4	N/D	1.2	N/D	N/D	N/D	N/D	N/D	N/D	1.5	N/D	0.4	1.5
Amount (mg/g)	N/D	N/D	N/D	3.5	N/D	11.9	N/D	N/D	N/D	N/D	N/D	N/D	15.4	N/D	3.5	15.4
Amount per Serving (mg)	N/D	N/D	N/D	12.53	N/D	42.602	N/D	N/D	N/D	N/D	N/D	N/D	55.1	<b>Serving Size~ (g):</b>		3.6
LOQ (mg/g)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	1.55%	2.06%	5.02%	0.37%	0.68%	0.50%	1.60%	1.81%	5.66%	5.56%	0.20%	0.56%			N/A	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143333-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Good Energy Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231109A  
**Scale:** XS205-M12  
**Temp:** 21.4 °C  
**Baro Pressure:** 977.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143333  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.58  
**Date Received:** 10/31/2023  
**Test Date:** 11/09/2023  
**Valid Through:** 11/09/2024  
**Report Issued:** 11/11/2023



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	5.11661	5.08944	99.47	5.0112	97.94	1.55%	
THCA	0	4.75319	5.01522	105.51	4.91296	103.36	2.06%	
Δ8-THC	0	5.04932	5.09829	100.97	4.84867	96.03	5.02%	
CBD	0	5.06509	5.05413	99.78	5.07299	100.16	0.37%	
CBDA	0	5.01109	5.02497	100.28	5.05923	100.96	0.68%	
CBG	0	5.16632	5.13603	99.41	5.16203	99.92	0.50%	
CBGA	0	4.81159	4.83106	100.40	4.75427	98.81	1.60%	
CBN	0	5.10165	5.12516	100.46	5.03307	98.66	1.81%	
CBC	0	5.00772	4.95741	99.00	5.24599	104.76	5.66%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.98836	5.01811	100.60	5.30528	106.35	5.56%	
THCV	0	5.08997	5.14517	101.08	5.13483	100.88	0.20%	
CBDV	0	5.06594	5.09708	100.61	5.06856	100.05	0.56%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

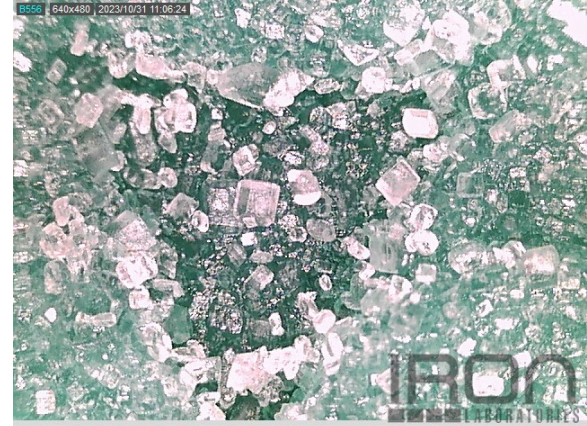
Testing Accreditation #: 77802

Test Certificate #: 143336-001

**Client Name, Sample Details**  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Pain Relief Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP231109A  
**Scale:** XS205-MI2  
**Temp:** 21.4 °C  
**Baro Pressure:** 977.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

**Sample ID#:** 143336  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.51  
**Date Received:** 10/31/2023  
**Test Date:** 11/09/2023  
**Valid Through:** 11/09/2024  
**Report Issued:** 11/11/2023



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	1.4	N/D	1.2	N/D	0.6	N/D	N/D	N/D	N/D	3.3	N/D	1.4	3.3
Amount (mg/g)	N/D	N/D	N/D	14.1	N/D	12.0	N/D	6.4	N/D	N/D	N/D	N/D	32.5	N/D	14.1	32.5
Amount per Serving (mg)	N/D	N/D	N/D	49.491	N/D	42.12	N/D	22.464	N/D	N/D	N/D	N/D	114.1	<b>Serving Size~ (g):</b>		3.5
LOQ (mg/g)	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	1.55%	2.06%	5.02%	0.37%	0.68%	0.50%	1.60%	1.81%	5.66%	5.56%	0.20%	0.56%			N/A	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143336-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Pain Relief Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231109A  
**Scale:** XS205-M12  
**Temp:** 21.4 °C  
**Baro Pressure:** 977.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143336  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.51  
**Date Received:** 10/31/2023  
**Test Date:** 11/09/2023  
**Valid Through:** 11/09/2024  
**Report Issued:** 11/11/2023



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	5.11661	5.08944	99.47	5.0112	97.94	1.55%	
THCA	0	4.75319	5.01522	105.51	4.91296	103.36	2.06%	
Δ8-THC	0	5.04932	5.09829	100.97	4.84867	96.03	5.02%	
CBD	0	5.06509	5.05413	99.78	5.07299	100.16	0.37%	
CBDA	0	5.01109	5.02497	100.28	5.05923	100.96	0.68%	
CBG	0	5.16632	5.13603	99.41	5.16203	99.92	0.50%	
CBGA	0	4.81159	4.83106	100.40	4.75427	98.81	1.60%	
CBN	0	5.10165	5.12516	100.46	5.03307	98.66	1.81%	
CBC	0	5.00772	4.95741	99.00	5.24599	104.76	5.66%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.98836	5.01811	100.60	5.30528	106.35	5.56%	
THCV	0	5.08997	5.14517	101.08	5.13483	100.88	0.20%	
CBDV	0	5.06594	5.09708	100.61	5.06856	100.05	0.56%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390



**Marihuana Potency Analysis by  
High Performance Liquid Chromatography**

Testing Accreditation #: 77802

Test Certificate #: 143335-001

Client Name, Sample Details  
**Green Dr**  
Walled Lake, MI 48390  
**Sample:** Sweet Dreams Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-MI2  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143335  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



6553 640x480 2023/10/31 11:04:31



**IRON**  
LABORATORIES

6554 640x480 2023/10/31 11:04:48



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	1.1	N/D	0.1	N/D	1.0	0.1	N/D	N/D	N/D	2.4	0.0	1.1	2.4
Amount (mg/g)	0.3	N/D	N/D	11.1	N/D	1.3	N/D	10.4	0.7	N/D	N/D	N/D	23.8	0.3	11.1	23.8
Amount per Serving (mg)	1.203	N/D	N/D	44.511	N/D	5.213	N/D	41.704	2.807	N/D	N/D	N/D	95.4	<b>Serving Size~ (g):</b>		4.0
LOQ (mg/g)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	0.50%	0.99%	1.70%	0.24%	0.01%	1.08%	0.37%	0.12%	0.09%	2.83%	1.76%	0.21%			100%	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143335-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Sweet Dreams Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-M12  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143335  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	4.60095	4.58179	99.58	4.55889	99.09	0.50%	
THCA	0	4.28743	4.28603	99.97	4.24397	98.99	0.99%	
Δ8-THC	0	4.15004	4.46435	107.57	4.38921	105.76	1.70%	
CBD	0	4.44283	4.48325	100.91	4.47256	100.67	0.24%	
CBDA	0	4.28834	4.30913	100.48	4.30955	100.49	0.01%	
CBG	0	4.55078	4.56083	100.22	4.51206	99.15	1.08%	
CBGA	0	4.22766	4.24405	100.39	4.22858	100.02	0.37%	
CBN	0	4.41073	4.4404	100.67	4.44571	100.79	0.12%	
CBC	0	4.29126	4.3138	100.53	4.30995	100.44	0.09%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.38505	4.48366	102.25	4.35871	99.40	2.83%	
THCV	0	4.63823	4.43945	95.71	4.51815	97.41	1.76%	
CBDV	0	4.35856	4.4053	101.07	4.41458	101.29	0.21%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 143331-001

**Client Name, Sample Details**  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Sleepy Bear Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-MI2  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

**Sample ID#:** 143331  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



ES45 640x480 2023/10/31 10:56:00



ES46 640x480 2023/10/31 10:56:15



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	1.2	N/D	0.2	N/D	N/D	0.1	N/D	N/D	N/D	1.5	0.0	1.2	1.5
Amount (mg/g)	0.4	N/D	N/D	11.9	N/D	1.5	N/D	0.1	0.8	0.2	N/D	0.1	15	0.4	11.9	15.0
Amount per Serving (mg)	1.604	N/D	N/D	47.719	N/D	6.015	N/D	0.401	3.208	0.802	N/D	0.401	60.2	Serving Size~ (g):		4.0
LOQ (mg/g)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		%Decarb.	THC	CBD
±%RPD	0.50%	0.99%	1.70%	0.24%	0.01%	1.08%	0.37%	0.12%	0.09%	2.83%	1.76%	0.21%			100%	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143331-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Sleepy Bear Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-M12  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143331  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	4.60095	4.58179	99.58	4.55889	99.09	0.50%	
THCA	0	4.28743	4.28603	99.97	4.24397	98.99	0.99%	
Δ8-THC	0	4.15004	4.46435	107.57	4.38921	105.76	1.70%	
CBD	0	4.44283	4.48325	100.91	4.47256	100.67	0.24%	
CBDA	0	4.28834	4.30913	100.48	4.30955	100.49	0.01%	
CBG	0	4.55078	4.56083	100.22	4.51206	99.15	1.08%	
CBGA	0	4.22766	4.24405	100.39	4.22858	100.02	0.37%	
CBN	0	4.41073	4.4404	100.67	4.44571	100.79	0.12%	
CBC	0	4.29126	4.3138	100.53	4.30995	100.44	0.09%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.38505	4.48366	102.25	4.35871	99.40	2.83%	
THCV	0	4.63823	4.43945	95.71	4.51815	97.41	1.76%	
CBDV	0	4.35856	4.4053	101.07	4.41458	101.29	0.21%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 143337-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Slim Bear Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-MI2  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143337  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 3.02  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.8	N/D	0.8	N/D	0.0	0.8
Amount (mg/g)	N/D	N/D	N/D	0.1	N/D	N/D	N/D	N/D	N/D	N/D	8.2	N/D	8.3	N/D	0.1	8.3
Amount per Serving (mg)	N/D	N/D	N/D	0.302	N/D	N/D	N/D	N/D	N/D	N/D	24.764	N/D	25.1	<b>Serving Size~ (g):</b>		3.0
LOQ (mg/g)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	0.50%	0.99%	1.70%	0.24%	0.01%	1.08%	0.37%	0.12%	0.09%	2.83%	1.76%	0.21%			N/A	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143337-001

<b>Client Name, Sample Details</b> <b>Green Dr</b> Walled Lake, MI 48390 <b>Sample:</b> Slim Bear Gummy <b>Type:</b> Edible <b>Method:</b> FE04U12 HPLC-UV	<b>Test Conditions</b> <b>Prepsheet ID#:</b> MIP231102b <b>Scale:</b> XS205-M12 <b>Temp:</b> 22.5 °C <b>Baro Pressure:</b> 980.6 hPa <b>Analyst:</b> ARH <b>Technician:</b> ARH	<b>Sample ID#:</b> 143337 <b>Harvest/Process Date:</b> 10/31/2023 <b>Serving Size (g):</b> 3.02 <b>Date Received:</b> 10/31/2023 <b>Test Date:</b> 11/02/2023 <b>Valid Through:</b> 11/02/2024 <b>Report Issued:</b> 11/07/2023
---	---	---



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	4.60095	4.58179	99.58	4.55889	99.09	0.50%	
THCA	0	4.28743	4.28603	99.97	4.24397	98.99	0.99%	
Δ8-THC	0	4.15004	4.46435	107.57	4.38921	105.76	1.70%	
CBD	0	4.44283	4.48325	100.91	4.47256	100.67	0.24%	
CBDA	0	4.28834	4.30913	100.48	4.30955	100.49	0.01%	
CBG	0	4.55078	4.56083	100.22	4.51206	99.15	1.08%	
CBGA	0	4.22766	4.24405	100.39	4.22858	100.02	0.37%	
CBN	0	4.41073	4.4404	100.67	4.44571	100.79	0.12%	
CBC	0	4.29126	4.3138	100.53	4.30995	100.44	0.09%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.38505	4.48366	102.25	4.35871	99.40	2.83%	
THCV	0	4.63823	4.43945	95.71	4.51815	97.41	1.76%	
CBDV	0	4.35856	4.4053	101.07	4.41458	101.29	0.21%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Marihuana Potency Analysis by High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 143335-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Sweet Dreams Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-MI2  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143335  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



6553 640x480 2023/10/31 11:04:31



IRON LABORATORIES

6554 640x480 2023/10/31 11:04:48



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	N/D	1.1	N/D	0.1	N/D	1.0	0.1	N/D	N/D	N/D	2.4	0.0	1.1	2.4
Amount (mg/g)	0.3	N/D	N/D	11.1	N/D	1.3	N/D	10.4	0.7	N/D	N/D	N/D	23.8	0.3	11.1	23.8
Amount per Serving (mg)	1.203	N/D	N/D	44.511	N/D	5.213	N/D	41.704	2.807	N/D	N/D	N/D	95.4	<b>Serving Size~ (g):</b>		4.0
LOQ (mg/g)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08		<b>%Decarb.</b>	<b>THC</b>	<b>CBD</b>
±%RPD	0.50%	0.99%	1.70%	0.24%	0.01%	1.08%	0.37%	0.12%	0.09%	2.83%	1.76%	0.21%			100%	100%

Serving Size = 1 gummy.

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Amanda Heisler*

Amanda Heisler, Lab Manager



*Mac Hyman*

Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

QC Report

Testing Accreditation #: 77802

Test Certificate #: 143335-001

Client Name, Sample Details  
**Green Dr**  
 Walled Lake, MI 48390  
**Sample:** Sweet Dreams Gummy  
**Type:** Edible  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP231102b  
**Scale:** XS205-M12  
**Temp:** 22.5 °C  
**Baro Pressure:** 980.6 hPa  
**Analyst:** ARH  
**Technician:** ARH

Sample ID#: 143335  
**Harvest/Process Date:** 10/31/2023  
**Serving Size (g):** 4.01  
**Date Received:** 10/31/2023  
**Test Date:** 11/02/2023  
**Valid Through:** 11/02/2024  
**Report Issued:** 11/07/2023



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	4.60095	4.58179	99.58	4.55889	99.09	0.50%	
THCA	0	4.28743	4.28603	99.97	4.24397	98.99	0.99%	
Δ8-THC	0	4.15004	4.46435	107.57	4.38921	105.76	1.70%	
CBD	0	4.44283	4.48325	100.91	4.47256	100.67	0.24%	
CBDA	0	4.28834	4.30913	100.48	4.30955	100.49	0.01%	
CBG	0	4.55078	4.56083	100.22	4.51206	99.15	1.08%	
CBGA	0	4.22766	4.24405	100.39	4.22858	100.02	0.37%	
CBN	0	4.41073	4.4404	100.67	4.44571	100.79	0.12%	
CBC	0	4.29126	4.3138	100.53	4.30995	100.44	0.09%	
CBCA	0	0	0	0.00	0	0.00	0%	
CBL	0	4.38505	4.48366	102.25	4.35871	99.40	2.83%	
THCV	0	4.63823	4.43945	95.71	4.51815	97.41	1.76%	
CBDV	0	4.35856	4.4053	101.07	4.41458	101.29	0.21%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Amanda Heisler, Lab Manager



Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390



Pet Pain Sticks/CBD 100mg/2oz

Shea butter, coconut oil, natural beeswax, vitamin E, peppermint & lavender essential oils, CBD distillate.

Extreme Pain Balm/CBD 500mg/2oz

Shea butter, coconut oil, natural beeswax, menthol, camphor, vitamin E, peppermint essential oil, CBD distillate.

Healing Pain Salve/CBD 500mg/2oz

Shea butter, coconut oil, natural beeswax, vitamin E, lavender & chamomile essential oils, CBD distillate.

Sports Pain Stick/CBD 500mg/2oz

Shea butter, coconut oil, natural beeswax, vitamin E, menthol, camphor, CBD distillate.

Intense Pain Relief/CBD 1,000mg/1oz

Shea butter, sweet almond oil, natural beeswax, vitamin E, menthol, camphor, wintergreen & spearmint essential oils, CBD distillate.



# Certificate Of Analysis

Customer:

Truth Wellness

Sample :(500 MG Extreme Pain Balm)

Sample Lot # 911BY12  
Strain Name Extreme Pain Balm  
Intake Date 3/4/2019

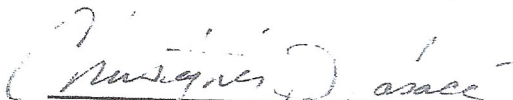
## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	0.012%
CBC	0.010%
CBN	0.021%
CBDV	0.010%
CBDA	0.000%
CBD	1.750%
Total CBD %	1.803%
MG CBD	505

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

  
Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer:

Truth Wellness

Sample:(500 MG Healing Pain Salve)

Sample Lot # 911BY12  
Strain Name Healing Pain Salve  
Intake Date 3/4/2019

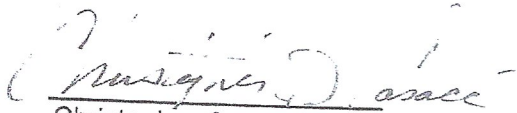
## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	0.012%
CBC	0.010%
CBN	0.021%
CBDV	0.010%
CBDA	0.000%
CBD	1.750%
Total CBD %	1.803%
MG CBD	505

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

  
Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer: Truth Wellness  
Sample: (Intense Balm 1000MG)

Sample Lot # EQBBC4  
Strain Name Intense Balm  
Intake Date 3/4/2019

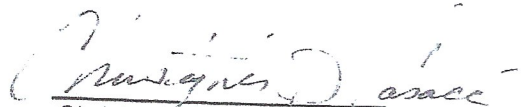
## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	2.400%
CBC	0.120%
CBN	0.042%
CBDV	0.020%
CBDA	0.000%
CBD	1.095%
Total CBD %	3.677%
MG CBD	1030

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

  
Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer:

Truth Wellness

Sample:(500 MG Pain Stick)

Sample Lot # 911BY12  
Strain Name Pain Stick  
Intake Date 3/4/2019

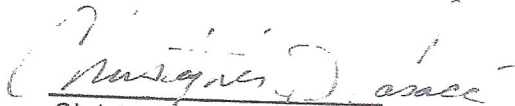
## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	0.012%
CBC	0.010%
CBN	0.021%
CBDV	0.010%
CBDA	0.000%
CBD	1.750%
Total CBD %	1.803%
MG CBD	505

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

  
Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer:

Truth CBD  
(Sample: 250MG Cream Pump)

Sample Lot # YT571CX  
Strain Name Cream  
Intake Date 6/1/2019

*NIGHT TIME AGELESS*

## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.000%
Delta-8 THC	0.000%
Total THC %	0.000%
CBG	0.010%
CBC	0.010%
CBN	0.040%
CBDV	0.040%
CBDA	0.000%
CBD	0.420%
Total CBD %	0.520%
MG CBD	260

< 0.3% Federal Limit

Size In OZ 2  
Total MG 50000

\* Some states have cumulative total THC % limits of 0.3%

Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer: Truth Wellness  
(Sample: 30MG Bear)

Sample Lot # 0NBTTY1  
Strain Name Gummy B  
Intake Date 5/24/2019

## Analysis Results

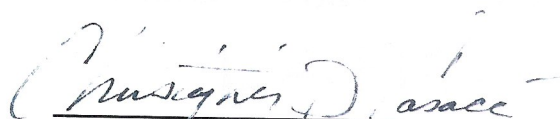


Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.002%
Delta-8 THC	0.000%
Total THC %	0.002%
CBG	0.010%
CBC	0.200%
CBN	0.040%
CBDV	0.030%
CBDA	0.000%
CBD	0.845%
Total CBD %	1.125%
MG CBD	31

< 0.3% Federal Limit

Weight Per Bear 3.45  
Total MG 2712

\* Some states have cumulative total THC % limits of 0.3%

  
Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



# Certificate Of Analysis

Customer:

Truth CBD  
(Sample: 500MG Bottle)

Sample Lot # 911BY12  
Strain Name Tincture  
Intake Date 3/4/2019

## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	0.012%
CBC	0.010%
CBN	0.021%
CBDV	0.010%
CBDA	0.000%
CBD	1.750%
Total CBD %	1.803%
MG CBD	505

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved





# Certificate Of Analysis

Customer:

Green Dr CBD  
(Sample: 1000MG Bottle)

Sample Lot # CR166CVD  
Strain Name Tincture  
Intake Date 11/5/2019

## Analysis Results

Size In OZ 1  
Total MG 28000

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.070%
Delta-8 THC	0.000%
Total THC %	0.070%
CBG	0.110%
CBC	0.010%
CBN	0.250%
CBDV	0.000%
CBDA	0.000%
CBD	3.320%
Total CBD %	3.690%
MG CBD	1033

< 0.3% Federal Limit

\* Some states have cumulative total THC % limits of 0.3%

Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved



### Certificate Of Analysis

Customer:

Truth CBD  
(Sample: 250MG Bottle)

Sample Lot # 911BY12  
Strain Name Tincture *PET*  
Intake Date 3/4/2019

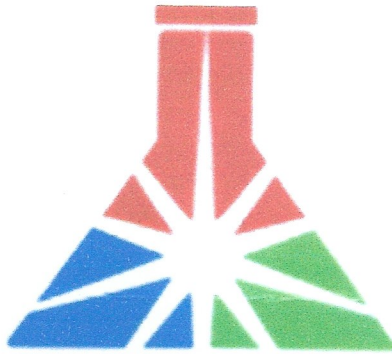
#### Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.011%
Delta-8 THC	0.000%
Total THC %	0.011%
CBG	0.006%
CBC	0.005%
CBN	0.011%
CBDV	0.005%
CBDA	0.000%
CBD	0.875%
Total CBD %	0.902%
MG CBD	252

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%



# SUNBEAM

## LABORATORIES

*Christopher Casaccci*  
Christopher Casaccci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.



# Certificate Of Analysis

Customer:

Truth CBD  
(Sample: 1000MG Bottle)

Sample Lot # EQBBC4  
Strain Name Tincture *PET OIL*  
Intake Date 3/4/2019

## Analysis Results

Moisture Content	0.000%
THCA %	0.000%
Delta-9 THC	0.021%
Delta-8 THC	0.000%
Total THC %	0.021%
CBG	2.400%
CBC	0.120%
CBN	0.042%
CBDV	0.020%
CBDA	0.000%
CBD	1.095%
Total CBD %	3.677%
MG CBD	1030

< 0.3% Federal Limit

Size In OZ 1  
Total MG 28000

\* Some states have cumulative total THC % limits of 0.3%

Christopher Casacci, L.A.T.G.

Quality Control Approved

Sunbeam Laboratories, LLC.  
info@sunbeamlab.com  
www.HempTestingLab.com  
716-202-8406  
All Rights Reserved