



CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06658	Strain	Florida Snow Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:47 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results	Pass
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Heavy Metals Screening

All Results	Pass
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Potency Profile

<u>Cannabinoid</u>	<u>Result mg/g</u>
CBDV	< RL
THCV	0.571
CBDA	0.679
CBD	< RL
CBG	0.851
CBN	< RL
CBGA	3.27
CBC	< RL
exoTHC	< RL
Δ^9 -THC	5.32
Δ^8 THC	< RL
THCA	224
Total Cannabinoids %	23.5
Total CBD mg/g	0.596
Total THC mg/g	202
Total CBD %	0.0596
Total THC %	20.2

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Potency

Date Analyzed: 04/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 04/24/23
Method: SOP-QA-0016

Analyst: RW

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	< RL	< RL	N/A	0.0101	0.101
THCV	0.0571	0.571	N/A	0.0101	0.101
CBDA	0.0679	0.679	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0851	0.851	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.327	3.27	N/A	0.0101	0.101
CBC	< RL	< RL	N/A	0.0101	0.101
exoTHC	< RL	< RL	N/A	0.0101	0.101
Δ9-THC	0.532	5.32	N/A	0.0101	0.101
Δ8THC	< RL	< RL	N/A	0.0101	0.101
THCA	22.4	224	N/A	0.0101	0.101

CRM failure for THC > 120%. Flag required.

Heavy Metals

Date Analyzed: 4/21/23
Instrument: CAT-0093

Prep Date: 4/20/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	84.7	200	Pass
Cadmium	< RL	55.9	200	Pass
Lead	< RL	24.7	500	Pass
Mercury	< RL	4.89	100	Pass

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Microbial Analysis

Prep Date Bacteria: 4/19/23 **Prep Date Ecoli/SLM:** 4/19/23 **Prep Date Yeast and Mold:** 4/21/23
Date Analyzed Bacteria: 4/20/23 **Date Analyzed Ecoli/SLM:** 4/20/23 **Date Analyzed Yeast and Mold:** 4/24/23
Instrument: CAT-0140, CAT-0152 **Method:** SOP-QA-0028, SOP-QA-0038 **Analyst:** KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director

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Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06659	Strain	Trop Runtz Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	4.5g
Date/Time of Collection	04/17/2023 07:53 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening	
All Results	Fail
Heavy Metals Screening	
All Results	Pass
Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	< RL
CBDA	0.528
CBD	< RL
CBG	0.926
CBN	< RL
CBGA	4.26
CBC	< RL
exoTHC	< RL
Δ^9 -THC	3.18
Δ^8 THC	< RL
THCA	221
Total Cannabinoids %	23.0
Total CBD mg/g	0.463
Total THC mg/g	197
Total CBD %	0.0463
Total THC %	19.7

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Potency

Date Analyzed: 04/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 04/24/23
Method: SOP-QA-0016

Analyst: RW

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	< RL	< RL	N/A	0.0101	0.101
THCV	< RL	< RL	N/A	0.0101	0.101
CBDA	0.0528	0.528	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0926	0.926	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.426	4.26	N/A	0.0101	0.101
CBC	< RL	< RL	N/A	0.0101	0.101
exoTHC	< RL	< RL	N/A	0.0101	0.101
Δ^9 -THC	0.318	3.18	N/A	0.0101	0.101
Δ^8 THC	< RL	< RL	N/A	0.0101	0.101
THCA	22.1	221	N/A	0.0101	0.101

CRM failure for THC > 120%. Flag required.

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Pesticides

Date Analyzed: 4/21/23
Instrument: CAT-0162

Prep Date: 4/20/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail	Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Abamectin	< RL	403	500	Pass	Etofenprox	< RL	78.1	400	Pass
Acephate	< RL	55.6	400	Pass	Etoxazole	< RL	61.2	200	Pass
Acequinocyl	< RL	1150	2000	Pass	Fenoxycarb	< RL	89.9	200	Pass
Acetamiprid	< RL	31.2	200	Pass	Fenpyroximate	< RL	83.1	400	Pass
Aldicarb	< RL	31.2	400	Pass	Fipronil	< RL	112	400	Pass
Azoxystrobin	< RL	33.2	200	Pass	Flonicamid	< RL	31.2	1000	Pass
Bifenazate	< RL	31.2	200	Pass	Fludioxonil	< RL	62.5	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Hexythiazox	< RL	54.3	1000	Pass
Boscalid	< RL	42.9	400	Pass	Imazalil	< RL	87.3	200	Pass
Carbaryl	< RL	37.0	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Carbofuran	< RL	31.2	200	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Malathion	< RL	66.0	200	Pass
Chlorfenapyr	< RL	919	1000	Pass	Metalaxyl	< RL	56.4	200	Pass
Chlorpyrifos	< RL	74.5	200	Pass	Methiocarb	< RL	31.2	200	Pass
Clofentezine	< RL	56.7	200	Pass	Methomyl	< RL	31.2	400	Pass
Cyfluthrin	< RL	798	1000	Pass	Methyl parathion	< RL	193	200	Pass
Cypermethrin	< RL	196	1000	Pass	MGK-264 ²	< RL	70.2	200	Pass
Daminozide	< RL	329	1000	Pass	Myclobutanil	< RL	37.3	200	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	Naled	< RL	42.2	500	Pass
Diazinon	< RL	55.3	200	Pass	Oxamyl	< RL	31.2	1000	Pass
Dimethoate	< RL	39.9	200	Pass	Paclobutrazol	< RL	52.5	400	Pass
Ethoprophos	< RL	33.9	200	Pass					

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Pesticides

Date Analyzed: 4/21/23
Instrument: CAT-0162

Prep Date: 4/20/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Permethrin ³	< RL	199	200	Pass
Phosmet	< RL	55.8	200	Pass
Piperonyl butoxide	< RL	59.0	2000	Pass
Prallethrin	< RL	103	200	Pass
Propiconazole	< RL	59.5	400	Pass
Propoxur	< RL	31.2	200	Pass
Pyrethrins ¹	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad ⁴	< RL	62.4	200	Pass
Spiromesifen	< RL	62.5	200	Pass
Spirotetramat	< RL	37.5	200	Pass
Spiroxamine	< RL	37.9	400	Pass
tebuconazole	< RL	69.2	400	Pass
Thiacloprid	< RL	31.2	200	Pass
Thiamethoxam	< RL	62.6	200	Pass
Trifloxystrobin	< RL	59.3	200	Pass

Disclaimer:

- Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
- MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
- Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
- Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).

Note: QC samples presented analytes outside criteria for spiked matrix, CCV (high bias for acephate, acequinocyl, aldicarb, daminozide, flonicamid, methomyl, phosmet, and pyrethrin I), and LCS (high bias for acequinocyl, bifentazate, pyrethrin I, and spiromesifen).

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Heavy Metals

Date Analyzed: 4/21/23
Instrument: CAT-0093

Prep Date: 4/20/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	84.7	200	Pass
Cadmium	< RL	55.9	200	Pass
Lead	< RL	24.7	500	Pass
Mercury	< RL	4.89	100	Pass

Microbial Analysis

Prep Date Bacteria: 4/19/23
Date Analyzed Bacteria: 4/20/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 4/19/23
Date Analyzed Ecoli/SLM: 4/20/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 4/21/23
Date Analyzed Yeast and Mold: 4/24/23
Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	13000	100	10,000	Fail
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

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Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06660	Strain	Lemon Freeze Pop Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results	Pass
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Heavy Metals Screening

All Results	Pass
-------------	------

Potency Profile

<u>Cannabinoid</u>	<u>Result mg/g</u>
CBDV	< RL
THCV	< RL
CBDA	0.359
CBD	< RL
CBG	0.440
CBN	< RL
CBGA	2.97
CBC	< RL
exoTHC	< RL
Δ^9 -THC	3.16
Δ^8 THC	< RL
THCA	178
Total Cannabinoids %	18.5
Total CBD mg/g	0.315
Total THC mg/g	159
Total CBD %	0.0315
Total THC %	15.9

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Order ID	1807	Sample Type	Dried Flower
Sample ID	06660	Strain	Lemon Freeze Pop Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
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Potency

Date Analyzed: 04/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 04/24/23
Method: SOP-QA-0016

Analyst: RW

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	< RL	< RL	N/A	0.0101	0.101
THCV	< RL	< RL	N/A	0.0101	0.101
CBDA	0.0359	0.359	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0440	0.440	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.297	2.97	N/A	0.0101	0.101
CBC	< RL	< RL	N/A	0.0101	0.101
exoTHC	< RL	< RL	N/A	0.0101	0.101
Δ9-THC	0.316	3.16	N/A	0.0101	0.101
Δ8THC	< RL	< RL	N/A	0.0101	0.101
THCA	17.8	178	N/A	0.0101	0.101

CRM failure for THC > 120%. Flag required.

Heavy Metals

Date Analyzed: 4/21/23
Instrument: CAT-0093

Prep Date: 4/20/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	84.7	200	Pass
Cadmium	< RL	55.9	200	Pass
Lead	< RL	24.7	500	Pass
Mercury	< RL	4.89	100	Pass

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CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06660	Strain	Lemon Freeze Pop Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Microbial Analysis

Prep Date Bacteria: 4/19/23	Prep Date Ecoli/SLM: 4/19/23	Prep Date Yeast and Mold: 4/21/23
Date Analyzed Bacteria: 4/20/23	Date Analyzed Ecoli/SLM: 4/20/23	Date Analyzed Yeast and Mold: 4/24/23
Instrument: CAT-0140, CAT-0152	Method: SOP-QA-0028, SOP-QA-0038	Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director



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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06661	Strain	MAC 69 Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:45 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results

Pass

Heavy Metals Screening

All Results

Pass

Potency Profile

<u>Cannabinoid</u>	<u>Result mg/g</u>
CBDV	0.145
THCV	< RL
CBDA	0.660
CBD	< RL
CBG	0.866
CBN	< RL
CBGA	7.46
CBC	< RL
exoTHC	< RL
Δ^9 -THC	4.23
Δ^8 THC	< RL
THCA	237
Total Cannabinoids %	25.0
Total CBD mg/g	0.579
Total THC mg/g	212
Total CBD %	0.0579
Total THC %	21.2

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Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06661	Strain	MAC 69 Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:45 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Potency

Date Analyzed: 04/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 04/24/23
Method: SOP-QA-0016

Analyst: RW

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	< RL	< RL	N/A	0.0101	0.101
THCV	< RL	< RL	N/A	0.0101	0.101
CBDA	0.0660	0.660	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0866	0.866	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.746	7.46	N/A	0.0101	0.101
CBC	< RL	< RL	N/A	0.0101	0.101
exoTHC	< RL	< RL	N/A	0.0101	0.101
Δ9-THC	0.423	4.23	N/A	0.0101	0.101
Δ8THC	< RL	< RL	N/A	0.0101	0.101
THCA	23.7	237	N/A	0.0101	0.101

CRM failure for THC > 120%. Flag required.

Heavy Metals

Date Analyzed: 4/21/23
Instrument: CAT-0093

Prep Date: 4/20/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	84.7	200	Pass
Cadmium	< RL	55.9	200	Pass
Lead	< RL	24.7	500	Pass
Mercury	< RL	4.89	100	Pass

DISCLAIMER: mg/L=ppm, µg/L=ppb, "<" denotes "less than", TNTC = Too Numerous To Count. This report of analysis may not be modified in any way, or reproduced except in full, without written approval from CATLAB, LLC. Results as reported relate only to samples as submitted on the chain of custody. All sample results are based on samples as they are received. Not all potential/existing hazards were tested. Unless otherwise noted, analyses were performed without significant modifications and QC met the quality standards outlined in the methods reported. Measurement uncertainty is available upon request. The Reporting Limit (RL) is the lowest level of an analyte that can be accurately recovered from the matrix of interest. The Regulatory Limits (or Action Levels) for adult use mandatory testing samples are set by the Maine Office of Cannabis Policy (OCP). Total THC = D-9-THC + (THCA x 0.877). Total CBD = CBD + (CBDA x 0.877).



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Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06661	Strain	MAC 69 Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:45 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Microbial Analysis

Prep Date Bacteria: 4/19/23	Prep Date Ecoli/SLM: 4/19/23	Prep Date Yeast and Mold: 4/21/23
Date Analyzed Bacteria: 4/20/23	Date Analyzed Ecoli/SLM: 4/20/23	Date Analyzed Yeast and Mold: 4/24/23
Instrument: CAT-0140, CAT-0152	Method: SOP-QA-0028, SOP-QA-0038	Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director

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Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06662	Strain	Grape Cream Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results

Pass

Heavy Metals Screening

All Results

Pass

Potency Profile

<u>Cannabinoid</u>	<u>Result mg/g</u>
CBDV	< RL
THCV	< RL
CBDA	0.553
CBD	< RL
CBG	< RL
CBN	< RL
CBGA	13.5
CBC	< RL
exoTHC	< RL
Δ^9 -THC	3.83
Δ^8 THC	< RL
THCA	223
Total Cannabinoids %	24.1
Total CBD mg/g	0.485
Total THC mg/g	199
Total CBD %	0.0485
Total THC %	19.9

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ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06662	Strain	Grape Cream Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Potency

Date Analyzed: 04/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 04/24/23
Method: SOP-QA-0016

Analyst: RW

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	< RL	< RL	N/A	0.0101	0.101
THCV	< RL	< RL	N/A	0.0101	0.101
CBDA	0.0553	0.553	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	< RL	< RL	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	1.35	13.5	N/A	0.0101	0.101
CBC	< RL	< RL	N/A	0.0101	0.101
exoTHC	< RL	< RL	N/A	0.0101	0.101
Δ9-THC	0.383	3.83	N/A	0.0101	0.101
Δ8THC	< RL	< RL	N/A	0.0101	0.101
THCA	22.3	223	N/A	0.0101	0.101

CRM failure for THC > 120%. Flag required.

Heavy Metals

Date Analyzed: 4/21/23
Instrument: CAT-0093

Prep Date: 4/20/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	84.7	200	Pass
Cadmium	73.6	55.9	200	Pass
Lead	< RL	24.7	500	Pass
Mercury	< RL	4.89	100	Pass

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Dried Flower
Sample ID	06662	Strain	Grape Cream Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 07:40 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Microbial Analysis

Prep Date Bacteria: 4/19/23 **Prep Date Ecoli/SLM:** 4/19/23 **Prep Date Yeast and Mold:** 4/21/23
Date Analyzed Bacteria: 4/20/23 **Date Analyzed Ecoli/SLM:** 4/20/23 **Date Analyzed Yeast and Mold:** 4/24/23
Instrument: CAT-0140, CAT-0152 **Method:** SOP-QA-0028, SOP-QA-0038 **Analyst:** KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director

DISCLAIMER: mg/L=ppm, µg/L=ppb, "<" denotes "less than", TNTC = Too Numerous To Count. This report of analysis may not be modified in any way, or reproduced except in full, without written approval from CATLAB, LLC. Results as reported relate only to samples as submitted on the chain of custody. All sample results are based on samples as they are received. Not all potential/existing hazards were tested. Unless otherwise noted, analyses were performed without significant modifications and QC met the quality standards outlined in the methods reported. Measurement uncertainty is available upon request. **The Reporting Limit (RL)** is the lowest level of an analyte that can be accurately recovered from the matrix of interest. The **Regulatory Limits (or Action Levels)** for adult use mandatory testing samples are set by the Maine Office of Cannabis Policy (OCP). **Total THC** = D-9-THC + (THCA x 0.877). **Total CBD** = CBD + (CBDA x 0.877).



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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Concentrate
Sample ID	06663	Strain	MAC 69 Badder Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 08:05 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results

Pass

Residual Solvents Screening

All Results

Pass

Potency Profile

Cannabinoid	Result mg/g
CBDV	0.508
THCV	3.60
CBDA	1.72
CBD	< RL
CBG	5.08
CBN	< RL
CBGA	22.0
CBC	< RL
exoTHC	< RL
Δ^9 -THC	58.7
Δ^8 THC	< RL
THCA	715
Total Cannabinoids %	80.7
Total CBD mg/g	1.51
Total THC mg/g	686
Total CBD %	0.151
Total THC %	68.6

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Concentrate
Sample ID	06663	Strain	MAC 69 Badder Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 08:05 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Potency

Date Analyzed: 4/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 4/24/23
Method: SOP-QA-0016

Analyst: RW/AC

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	0.0508	0.508	N/A	0.0214	0.214
THCV	0.360	3.60	N/A	0.0214	0.214
CBDA	0.172	1.72	N/A	0.0214	0.214
CBD	< RL	< RL	N/A	0.0214	0.214
CBG	0.508	5.08	N/A	0.0214	0.214
CBN	< RL	< RL	N/A	0.0214	0.214
CBGA	2.20	22.0	N/A	0.0214	0.214
CBC	< RL	< RL	N/A	0.0214	0.214
exoTHC	< RL	< RL	N/A	0.0214	0.214
Δ9-THC	5.87	58.7	N/A	0.0214	0.214
Δ8THC	< RL	< RL	N/A	0.0214	0.214
THCA	71.5	715	N/A	0.0214	0.214

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Concentrate
Sample ID	06663	Strain	MAC 69 Badder Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 08:05 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Residual Solvents

Date Analyzed: 4/25/23
Instrument: CAT-0156

Prep Date: 4/24/23
Method: SOP QA-0036

Analyst: LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	< RL	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC presented analytes outside criteria for propane with high bias in CCV and heptane with high bias in spiked matrix sample.

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Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Concentrate
Sample ID	06663	Strain	MAC 69 Badder Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 08:05 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Microbial Analysis

Prep Date Bacteria: 4/19/23	Prep Date Ecoli/SLM: 4/19/23	Prep Date Yeast and Mold: 4/21/23
Date Analyzed Bacteria: 4/20/23	Date Analyzed Ecoli/SLM: 4/20/23	Date Analyzed Yeast and Mold: 4/24/23
Instrument: CAT-0140, CAT-0152	Method: SOP-QA-0028, SOP-QA-0038	Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director

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CATLAB, LLC
19 Levesque Dr. #3
Eliot, ME 03903
207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1807	Sample Type	Concentrate
Sample ID	06664	Strain	Florida Snow Badder Hazin Co Cannabis
METRC Sample ID		Serving Mass (g)/Package	/
Date Received	04/17/2023	Collected Sample Weight	3.5g
Date/Time of Collection	04/17/2023 08:12 AM	Collected By	Charles Nau
		Date Generated	04/25/2023

Summary of Results

Microbiological Screening

All Results	Pass
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Residual Solvents Screening

All Results	Pass
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Potency Profile

<u>Cannabinoid</u>	<u>Result mg/g</u>
CBDV	0.734
THCV	3.00
CBDA	1.84
CBD	< RL
CBG	4.91
CBN	< RL
CBGA	21.0
CBC	2.64
exoTHC	< RL
Δ^9 -THC	71.0
Δ^8 THC	< RL
THCA	719
Total Cannabinoids %	82.5
Total CBD mg/g	1.62
Total THC mg/g	702
Total CBD %	0.162
Total THC %	70.2

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Potency

Date Analyzed: 4/25/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 4/24/23
Method: SOP-QA-0016

Analyst: RW/AC

Potency	Result %	Result (mg/g)	Result (mg/package)	RL (%)	RL (mg/g)
CBDV	0.0734	0.734	N/A	0.0214	0.214
THCV	0.300	3.00	N/A	0.0214	0.214
CBDA	0.184	1.84	N/A	0.0214	0.214
CBD	< RL	< RL	N/A	0.0214	0.214
CBG	0.491	4.91	N/A	0.0214	0.214
CBN	< RL	< RL	N/A	0.0214	0.214
CBGA	2.10	21.0	N/A	0.0214	0.214
CBC	0.264	2.64	N/A	0.0214	0.214
exoTHC	< RL	< RL	N/A	0.0214	0.214
Δ9-THC	7.10	71.0	N/A	0.0214	0.214
Δ8THC	< RL	< RL	N/A	0.0214	0.214
THCA	71.9	719	N/A	0.0214	0.214

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Residual Solvents

Date Analyzed: 4/25/23
Instrument: CAT-0156

Prep Date: 4/24/23
Method: SOP QA-0036

Analyst: LCH

Analyte	Result (PPM)	RL (PPM)	Action Limit (PPM)	Pass/Fail
Acetone	< RL	600	5000	Pass
Acetonitrile	< RL	289	410	Pass
Butanes	< RL	695	5000	Pass
Ethanol	< RL	699	5000	Pass
Ethyl acetate	< RL	660	5000	Pass
Ethyl ether	< RL	597	5000	Pass
Heptanes	< RL	613	5000	Pass
Hexane	< RL	263	290	Pass
Isopropyl alcohol	< RL	723	5000	Pass
Methanol	< RL	697	3000	Pass
Pentane	< RL	665	5000	Pass
Propane	< RL	957	5000	Pass
Toluene	< RL	660	890	Pass
m,p-Xylenes	< RL	337	2170*	Pass
o-Xylenes	< RL	342	2170*	Pass
1,2-Dichloroethane	< RL	1.00	1	Pass
Benzene	< RL	1.00	1	Pass
Chloroform	< RL	1.00	1	Pass
Ethylene oxide	< RL	1.00	1	Pass
Methylene chloride	< RL	1.00	1	Pass
Trichloroethylene	< RL	0.900	1	Pass

Note: QC presented analytes outside criteria for propane with high bias in CCV and heptane with high bias in spiked matrix sample.

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		Date Generated	04/25/2023

Microbial Analysis

Prep Date Bacteria: 4/19/23	Prep Date Ecoli/SLM: 4/19/23	Prep Date Yeast and Mold: 4/21/23
Date Analyzed Bacteria: 4/20/23	Date Analyzed Ecoli/SLM: 4/20/23	Date Analyzed Yeast and Mold: 4/24/23
Instrument: CAT-0140, CAT-0152	Method: SOP-QA-0028, SOP-QA-0038	Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	< RL	100	100,000	Pass
Total Yeast/Mold	< RL	100	10,000	Pass
Total Enterobacter	< RL	100	1,000	Pass
Total Coliform	< RL	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

Deisy Peña-Romero Lab Director

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