



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

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07309	Strain	G Dosi 14179
METRC Sample ID	1A40D0300000BB9000014179	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	22.1g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Summary of Results

Water Activity Profile	
All Results	Pass

Filth and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	< RL
CBDA	0.592
CBD	< RL
CBG	0.745
CBN	< RL
CBGA	5.60
CBC	< RL
exoTHC	< RL
Δ^9 -THC	5.67
Δ^8 THC	< RL
THCA	276
Total Cannabinoids %	28.9
Total CBD mg/g	0.519
Total THC mg/g	248
Total CBD %	0.0519
Total THC %	24.8

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Potency

Date Analyzed: 6/2/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 6/1/23
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	0.0592	0.592	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0745	0.745	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.560	5.60	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	0.567	5.67	N/A	0.0101	0.101
Δ^8 THC	< RL	< RL	N/A	0.0101	0.101
THCA	27.6	276	N/A	0.0101	0.101

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Pesticides

Date Analyzed: 6/5/23
Instrument: CAT-0162

Prep Date: 6/2/23
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	Dimethoate	< RL	39.9	200	Pass
Acephate	< RL	55.6	400	Pass	Ethoprophos	< RL	33.9	200	Pass
Acequinocyl	< RL	1150	2000	Pass	Etofenprox	< RL	78.1	400	Pass
Acetamiprid	< RL	31.2	200	Pass	Etoazole	< RL	61.2	200	Pass
Aldicarb	< RL	31.2	400	Pass	Fenoxycarb	< RL	89.9	200	Pass
Azoxystrobin	< RL	33.2	200	Pass	Fenpyroximate	< RL	83.1	400	Pass
Bifenazate	< RL	31.2	200	Pass	Fipronil	< RL	112	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Flonicamid	< RL	31.2	1000	Pass
Boscalid	< RL	42.9	400	Pass	Fludioxonil	< RL	62.5	400	Pass
Carbaryl	< RL	37.0	200	Pass	Hexythiazox	< RL	54.3	1000	Pass
Carbofuran	< RL	31.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Chlorpyrifos	< RL	74.5	200	Pass	Malathion	< RL	66.0	200	Pass
Clofentezine	< RL	56.7	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Methiocarb	< RL	31.2	200	Pass
Cypermethrin	< RL	196	1000	Pass	Methomyl	< RL	31.2	400	Pass
Daminozide	< RL	329	1000	Pass	Methyl parathion	< RL	193	200	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	MGK-264 ²	< RL	70.2	200	Pass
Diazinon	< RL	55.3	200	Pass	Myclobutanil	< RL	37.3	200	Pass
					Naled	< RL	42.2	500	Pass

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Pesticides

Date Analyzed: 6/5/23
Instrument: CAT-0162

Prep Date: 6/2/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Oxamyl	< RL	31.2	1000	Pass
Paclobutrazol	< RL	52.5	400	Pass
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:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).
5. Abamectin is measured as cumulative residues of Abamectin B1a and Abamectin B1b (CAS #71751-41-2)

Note: QC samples presented analytes outside criteria in a CCV (high bias acequinocyl, azoxystrobin, cypermethrin, and trifloxystrobin), LCS (chlorpyrifos, cypermethrin, prallethrin, pyridaben, spiromesifen, permethrins, abamectins, and trifloxystrobin), and spiked matrix sample (high bias for some analytes).

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Heavy Metals

Date Analyzed: 6/2/23
Instrument: CAT-0093

Prep Date: 6/1/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	165	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: 5/31/23
Date Analyzed Bacteria: 6/1/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 5/31/23
Date Analyzed Ecoli/SLM: 6/2/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 6/2/23
Date Analyzed Yeast and Mold: 6/5/23
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	210	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

NC for AC,CC,EB QNS for analysis, all samples negative, ok.

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Filth and Foreign Materials

Date Analyzed: 06/02/23
Instrument: Visual Inspection

Prep Date: 06/02/23
Method: SOP-QA-0018

Analyst: JG/DP

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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Water Activity

Date Analyzed: 6/2/23
Instrument: Rotronic CAT-0020

Prep Date: 6/2/23
Method: SOP-QA-0012

Analyst: ITG/JG

Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.55	0.11	0.65	Pass

Deisy Peña-Romero Lab Director

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METRC Sample ID	1A40D0300000BB9000014176	Serving Mass (g)/ Package	/
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Summary of Results

Water Activity Profile	
All Results	Pass
Filth and Foreign Materials Screening	
All Results	Pass
Microbiological Screening	
All Results	Pass
Heavy Metals Screening	
All Results	Pass
Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	< RL
CBDA	0.506
CBD	< RL
CBG	0.963
CBN	< RL
CBGA	3.79
CBC	< RL
exoTHC	< RL
Δ^9 -THC	6.35
Δ^8 THC	< RL
THCA	250
Total Cannabinoids %	26.2
Total CBD mg/g	0.443
Total THC mg/g	226
Total CBD %	0.0443
Total THC %	22.6

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Potency

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Prep Date: 6/1/23
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	0.0506	0.506	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0963	0.963	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.379	3.79	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	0.635	6.35	N/A	0.0101	0.101
Δ^8 THC	< RL	< RL	N/A	0.0101	0.101
THCA	25.0	250	N/A	0.0101	0.101

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Abamectin	< RL	403	500	Pass	Dimethoate	< RL	39.9	200	Pass
Acephate	< RL	55.6	400	Pass	Ethoprophos	< RL	33.9	200	Pass
Acequinocyl	< RL	1150	2000	Pass	Etofenprox	< RL	78.1	400	Pass
Acetamiprid	< RL	31.2	200	Pass	Etoazole	< RL	61.2	200	Pass
Aldicarb	< RL	31.2	400	Pass	Fenoxycarb	< RL	89.9	200	Pass
Azoxystrobin	< RL	33.2	200	Pass	Fenpyroximate	< RL	83.1	400	Pass
Bifenazate	< RL	31.2	200	Pass	Fipronil	< RL	112	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Flonicamid	< RL	31.2	1000	Pass
Boscalid	< RL	42.9	400	Pass	Fludioxonil	< RL	62.5	400	Pass
Carbaryl	< RL	37.0	200	Pass	Hexythiazox	< RL	54.3	1000	Pass
Carbofuran	< RL	31.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Chlorpyrifos	< RL	74.5	200	Pass	Malathion	< RL	66.0	200	Pass
Clofentezine	< RL	56.7	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Methiocarb	< RL	31.2	200	Pass
Cypermethrin	< RL	196	1000	Pass	Methomyl	< RL	31.2	400	Pass
Daminozide	< RL	329	1000	Pass	Methyl parathion	< RL	193	200	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	MGK-264 ²	< RL	70.2	200	Pass
Diazinon	< RL	55.3	200	Pass	Myclobutanil	< RL	37.3	200	Pass
					Naled	< RL	42.2	500	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 Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07311	Strain	TWxClem 14176
METRC Sample ID	1A40D0300000BB9000014176	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	22.15g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Pesticides

Date Analyzed: 6/5/23
Instrument: CAT-0162

Prep Date: 6/2/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Oxamyl	< RL	31.2	1000	Pass
Paclobutrazol	< RL	52.5	400	Pass
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:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).
5. Abamectin is measured as cumulative residues of Abamectin B1a and Abamectin B1b (CAS #71751-41-2)

Note: QC samples presented analytes outside criteria in a CCV (high bias acequinocyl, azoxystrobin, cypermethrin, and trifloxystrobin), LCS (chlorpyrifos, cypermethrin, prallethrin, pyridaben, spiromesifen, permethrins, abamectins, and trifloxystrobin), and spiked matrix sample (high bias for some analytes).

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207-200-9950
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Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07311	Strain	TWxClem 14176
METRC Sample ID	1A40D0300000BB9000014176	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	22.15g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Heavy Metals

Date Analyzed: 6/2/23
Instrument: CAT-0093

Prep Date: 6/1/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	105	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: 5/31/23
Date Analyzed Bacteria: 6/1/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 5/31/23
Date Analyzed Ecoli/SLM: 6/2/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 6/2/23
Date Analyzed Yeast and Mold: 6/5/23
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	< 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

NC for AC,CC,EB QNS for analysis, all samples negative, ok.

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207-200-9950
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Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07311	Strain	TWxClem 14176
METRC Sample ID	1A40D0300000BB9000014176	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	22.15g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Filth and Foreign Materials

Date Analyzed: 06/02/23
Instrument: Visual Inspection

Prep Date: 06/02/23
Method: SOP-QA-0018

Analyst: JG/DP

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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Certificate of Analysis

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Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07311	Strain	TWxClem 14176
METRC Sample ID	1A40D0300000BB9000014176	Serving Mass (g)/ Package	/
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Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Water Activity

Date Analyzed: 6/2/23
Instrument: Rotronic CAT-0020

Prep Date: 6/2/23
Method: SOP-QA-0012

Analyst: ITG/JG

Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.54	0.11	0.65	Pass

Deisy Peña-Romero Lab Director



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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61.g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Summary of Results

Water Activity Profile	
All Results	Pass

Filth and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Pesticides Screening	
All Results	Pass

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	< RL
CBDA	0.545
CBD	< RL
CBG	0.670
CBN	< RL
CBGA	5.03
CBC	< RL
exoTHC	< RL
Δ^9 -THC	5.12
Δ^8 THC	< RL
THCA	262
Total Cannabinoids %	27.3
Total CBD mg/g	0.478
Total THC mg/g	235
Total CBD %	0.0478
Total THC %	23.5

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61.g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Potency

Date Analyzed: 6/2/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 6/1/23
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	0.0545	0.545	N/A	0.0101	0.101
CBD	< RL	< RL	N/A	0.0101	0.101
CBG	0.0670	0.670	N/A	0.0101	0.101
CBN	< RL	< RL	N/A	0.0101	0.101
CBGA	0.503	5.03	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	0.512	5.12	N/A	0.0101	0.101
Δ^8 THC	< RL	< RL	N/A	0.0101	0.101
THCA	26.2	262	N/A	0.0101	0.101

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207-200-9950
ME OCP: MTF368

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Pesticides

Date Analyzed: 6/5/23
Instrument: CAT-0162

Prep Date: 6/2/23
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	Dimethoate	< RL	39.9	200	Pass
Acephate	< RL	55.6	400	Pass	Ethoprophos	< RL	33.9	200	Pass
Acequinocyl	< RL	1150	2000	Pass	Etofenprox	< RL	78.1	400	Pass
Acetamiprid	< RL	31.2	200	Pass	Etoazole	< RL	61.2	200	Pass
Aldicarb	< RL	31.2	400	Pass	Fenoxycarb	< RL	89.9	200	Pass
Azoxystrobin	< RL	33.2	200	Pass	Fenpyroximate	< RL	83.1	400	Pass
Bifenazate	< RL	31.2	200	Pass	Fipronil	< RL	112	400	Pass
Bifenthrin	< RL	96.5	200	Pass	Flonicamid	< RL	31.2	1000	Pass
Boscalid	< RL	42.9	400	Pass	Fludioxonil	< RL	62.5	400	Pass
Carbaryl	< RL	37.0	200	Pass	Hexythiazox	< RL	54.3	1000	Pass
Carbofuran	< RL	31.2	200	Pass	Imazalil	< RL	87.3	200	Pass
Chlorantraniliprole	< RL	92.2	200	Pass	Imidacloprid	< RL	39.8	400	Pass
Chlorfenapyr	< RL	919	1000	Pass	Kresoxim-methyl	< RL	53.6	400	Pass
Chlorpyrifos	< RL	74.5	200	Pass	Malathion	< RL	66.0	200	Pass
Clofentezine	< RL	56.7	200	Pass	Metalaxyl	< RL	56.4	200	Pass
Cyfluthrin	< RL	798	1000	Pass	Methiocarb	< RL	31.2	200	Pass
Cypermethrin	< RL	196	1000	Pass	Methomyl	< RL	31.2	400	Pass
Daminozide	< RL	329	1000	Pass	Methyl parathion	< RL	193	200	Pass
DDVP (Dichlorvos)	< RL	31.2	1000	Pass	MGK-264 ²	< RL	70.2	200	Pass
Diazinon	< RL	55.3	200	Pass	Myclobutanil	< RL	37.3	200	Pass
					Naled	< RL	42.2	500	Pass

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

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Pesticides

Date Analyzed: 6/5/23
Instrument: CAT-0162

Prep Date: 6/2/23
Method: SOP QA-0040

Analyst: LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Oxamyl	< RL	31.2	1000	Pass
Paclobutrazol	< RL	52.5	400	Pass
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:

1. Pyrethrin is measured as cumulative residues of Pyrethrin, Cinerin, and Jasmolin (CAS # 8003-34-7).
2. MGK-264 is measured as cumulative residue of MGK-264 A and MGK-264 B (CAS # 113-48-4).
3. Permethrin is measured as cumulative residue of cis- and trans- permethrin isomers. (CAS # 54774-45-7 and 51877-74-8, respectively).
4. Spinosad is a measured as cumulative residue of Spinosad A and Spinosad D (CAS # 168316-95-8 and 131929-60-7, respectively).
5. Abamectin is measured as cumulative residues of Abamectin B1a and Abamectin B1b (CAS #71751-41-2)

Note: QC samples presented analytes outside criteria in a CCV (high bias acequinocyl, azoxystrobin, cypermethrin, and trifloxystrobin), LCS (chlorpyrifos, cypermethrin, prallethrin, pyridaben, spiromesifen, permethrins, abamectins, and trifloxystrobin), and spiked matrix sample (high bias for some analytes).

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Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61.g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Heavy Metals

Date Analyzed: 6/2/23
Instrument: CAT-0093

Prep Date: 6/1/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	156	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: 6/1/23
Date Analyzed Bacteria: 6/2/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 6/1/23
Date Analyzed Ecoli/SLM: 6/2/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 6/2/23
Date Analyzed Yeast and Mold: 6/5/23
Analyst: KW

Contaminants	Result (CFU/g)	RL (CFU/g)	Action Level (CFU/g)	Pass/Fail
Total Aerobic	2300	100	100,000	Pass
Total Yeast/Mold	6300	100	10,000	Pass
Total Enterobacter	210	100	1,000	Pass
Total Coliform	210	100	1,000	Pass
Escherichia Coli (E. Coli)	< RL	1	1	Pass
Salmonella spp	< RL	1	1	Pass

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Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
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Filth and Foreign Materials

Date Analyzed: 06/02/23
Instrument: Visual Inspection

Prep Date: 06/02/23
Method: SOP-QA-0018

Analyst: JG/DP

Analyte	Result	Action Level	Pass/Fail
Sand, Soil, Cinders, Dirt, and Mold (%)	0	25	Pass
Embedded Foreign Material (%)	0	25	Pass
Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	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).



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

Certificate of Analysis

Client Name	Highbrow Industries LLC Cultivation	License Number	GR173
Address	271 North Rd Detroit, ME 04929	Phone	315-771-2848
Order ID	1989	Sample Type	Dried Flower
Sample ID	07318	Strain	G Dosi 14180
METRC Sample ID	1A40D0300000BB9000014180	Serving Mass (g)/ Package	/
Date Received	05/30/2023	Collected Sample Weight	9.61.g
Date/Time of Collection	05/30/2023 07:00 AM	Collected By	Alex Imhoff
		Date Generated	06/07/2023

Water Activity

Date Analyzed: 6/2/23
Instrument: Rotronic CAT-0020

Prep Date: 6/2/23
Method: SOP-QA-0012

Analyst: ITG/JG

Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.46	0.11	0.65	Pass

Deisy Peña-Romero Lab Director