



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	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

Summary of Results

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	2.43
CBDA	1.33
CBD	0.524
CBG	10.9
CBN	1.61
CBGA	23.3
CBC	5.52
exoTHC	< RL
Δ^9 -THC	448
Δ^8 THC	< RL
THCA	245
Total Cannabinoids %	73.8
Total CBD mg/g	1.69
Total THC mg/g	663
Total CBD %	0.169
Total THC %	66.3

DISCLAIMER: mg/L=ppm, μ g/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 - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

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	< RL	< RL	N/A	0.0214	0.214
THCV	0.243	2.43	N/A	0.0214	0.214
CBDA	0.133	1.33	N/A	0.0214	0.214
CBD	0.0524	0.524	N/A	0.0214	0.214
CBG	1.09	10.9	N/A	0.0214	0.214
CBN	0.161	1.61	N/A	0.0214	0.214
CBGA	2.33	23.3	N/A	0.0214	0.214
CBC	0.552	5.52	N/A	0.0214	0.214
exoTHC	< RL	< RL	N/A	0.0214	0.214
Δ^9 -THC	44.8	448	N/A	0.0214	0.214
Δ^8 THC	< RL	< RL	N/A	0.0214	0.214
THCA	24.5	245	N/A	0.0214	0.214

DISCLAIMER: mg/L=ppm, μ g/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 - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

Pesticides

Date Analyzed: 5/1/23
Instrument: CAT-0162

Prep Date: 4/28/23
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

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 - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

Pesticides

Date Analyzed: 5/1/23
Instrument: CAT-0162

Prep Date: 4/28/23
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).

Note: QC samples presented analytes outside criteria in a CCV (acequinocyl, cyfluthrin, etofenprox, and flonicamid), LCS (acequinocyl, etofenprox, flonicamid, and prallethrin), and spiked matrix sample.

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 - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

Heavy Metals

Date Analyzed: 4/27/23
Instrument: CAT-0093

Prep Date: 4/27/23
Method: SOP-QA-0030

Analyst: ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	53.5	200	Pass
Cadmium	< RL	26.6	200	Pass
Lead	< RL	27.6	500	Pass
Mercury	< RL	2.42	100	Pass

Microbial Analysis

Prep Date Bacteria: NA
Date Analyzed Bacteria: NA
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: NA
Date Analyzed Ecoli/SLM: NA
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 4/24/23
Date Analyzed Yeast and Mold: 4/27/23
Analyst: KW

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

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 - Medical	License Number	CGR25535
Address	55 Topsham Fair Mall Rd, Topsham, ME 04086	Phone	
Order ID	1829	Sample Type	Concentrate
Sample ID	06737	Strain	Helios FGHR
METRC Sample ID		Serving Mass (g)/ Package	/
Date Received	04/21/2023	Collected Sample Weight	6g
Date/Time of Collection	04/20/2023 12:00 PM	Collected By	Chris Moras
		Date Generated	05/02/2023

Deisy Peña-Romero Lab Director