



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

## Certificate of Analysis

<b>Client Name</b>	Highbrow Industries LLC - Medical	<b>License Number</b>	CGR25535
<b>Address</b>	55 Topsham Fair Mall Rd, Topsham, ME 04086	<b>Phone</b>	
<b>Order ID</b>	1788	<b>Sample Type</b>	Concentrate
<b>Sample ID</b>	06590	<b>Strain</b>	IPK - Mes Dawg
<b>METRC Sample ID</b>		<b>Serving Mass (g)/ Package</b>	/
<b>Date Received</b>	04/13/2023	<b>Collected Sample Weight</b>	3.5g
<b>Date/Time of Collection</b>	04/13/2023 11:00 AM	<b>Collected By</b>	Charles Nau
		<b>Date Generated</b>	04/24/2023

### Summary of Results

#### Microbiological Screening

All Results

Pass

#### Heavy Metals Screening

All Results

Pass

#### Pesticides Screening

All Results

Pass

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### Pesticides

**Date Analyzed:** 4/19/23  
**Instrument:** CAT-0162

**Prep Date:** 4/19/23  
**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 <sup>2</sup>	< 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

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**Instrument:** CAT-0162

**Prep Date:** 4/19/23  
**Method:** SOP QA-0040

**Analyst:** LCH

Analyte	Finding (PPB)	LOQ (PPB)	Limit (PPB)	Pass/Fail
Permethrin <sup>3</sup>	< 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 <sup>1</sup>	< RL	248	1000	Pass
Pyridaben	< RL	59.8	200	Pass
Spinosad <sup>4</sup>	< 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 for spiked matrix, CCV (high bias for 13 analytes), and LCS (high bias for acequinocyl, bifenthrin).

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### Heavy Metals

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

**Prep Date:** 4/21/23  
**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	27.8	27.6	500	Pass
Mercury	< RL	2.42	100	Pass

### Microbial Analysis

**Prep Date Bacteria:** 4/17/23  
**Date Analyzed Bacteria:** 4/18/23  
**Instrument:** CAT-0140, CAT-0152

**Prep Date Ecoli/SLM:** 4/17/23  
**Date Analyzed Ecoli/SLM:** 4/18/23  
**Method:** SOP-QA-0028, SOP-QA-0038

**Prep Date Yeast and Mold:** 4/17/23  
**Date Analyzed Yeast and Mold:** 4/20/23  
**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

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Deisy Peña-Romero Lab Director

Order



CATLAB, LLC

Personal/Other: \_\_\_\_\_

### Analyses Requested

Comments, special instructions, or temperature requirements

QSD-0058 REV10 CJ 102122

CATLAB, LLC

## Sample Receipt Condition Report

Samples Received Via: ☒ CATLAB Sampler/Courier ☐ Licensee ☐ Certified Sampler Order ID: 1788  
Custody Seals Present and Intact on Transport Container: ☐ Yes ☐ No ☒ N/A Comments: \_\_\_\_\_  
Custody Seals Present and Intact on Sample Containers: ☐ Yes ☐ No ☒ N/A Comments: \_\_\_\_\_  
Type of submittal: ☒ Medical ☐ Adult Use ☐ Other Comments: \_\_\_\_\_  
Receipt Temp: \_\_\_\_\_ Humidity: \_\_\_\_\_ If needed, ice present? Y / N Ambient: ☒

Samples Received			
	# of Samples	# of Containers	Notes:
Flower			
Trim			
Pre-Roll			
Infused Pre-Roll			
Retail Units			
Concentrate	/	/	
Infused Edibles			
Solid Batch			
Liquid Batch			

Proper Sample Containers/Enough Sample?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Analysis Marked on COC Match Bottles Rec'd?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Date/Time/ID on Samples Match COC?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Rushes Communicates to analyst in writing?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input checked="" type="checkbox"/> NA	Comments:
Sample tampered, manipulated, adulterated or contaminated?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
AUMP Sample size by Batch Size OK?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Samples collected in the manner required by OMP?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Transport Manifest Received?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Comments:
Samples Received in Metric?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Comments:

Notes/Comments:

Initials/Date: IG 4/13/23

## Reviewer's Checklist

- ☒ Client ID/Contact
- ☒ Reporting Instructions
- ☒ Rushes Communicated
- ☒ Temp, Condition OK
- ☒ Sample ID/Date/Time
- ☒ Matrix
- ☒ TAT Correct
- ☒ Correct Analyses

## If Adult Use:

- ☐ Logged in Metric
- ☐ Transfer Manifest

## If CATLAB Samples:

- ☐ Sampling Form
- ☐ Attestation Form

Initials: IG Date: 4-17-23