



**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 - Manufacturing	<b>License Number</b>	AM544
<b>Address</b>	55 Topsham Fair Mall Rd. Topsham, ME 04086	<b>Phone</b>	(207) 356-9377
<b>Order ID</b>	1913	<b>Sample Type</b>	Semi-solid edibles
<b>Sample ID</b>	07070	<b>Strain</b>	PE Gummy Test S: 15043
<b>METRC Sample ID</b>	1A40D0300001451000015199	<b>Serving Mass (g)/ Package</b>	5.78305 / 10
<b>Date Received</b>	05/08/2023	<b>Collected Sample Weight</b>	13
<b>Date/Time of Collection</b>	05/08/2023 09:00 AM	<b>Collected By</b>	Chris Moras
		<b>Date Generated</b>	05/16/2023

### 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

Homogeneity Profile	
%RSD THC	1.60
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	< RL
CBDA	< RL
CBD	< RL
CBG	0.0317
CBN	< RL
CBGA	< RL
CBC	< RL
exoTHC	< RL
$\Delta$ 9-THC	1.71
$\Delta$ 8THC	< RL
THCA	< RL
Total CBD mg/g	<RL
Total THC mg/g	1.71   Pass
Total CBD (mg/serving)	<RL
Total CBD (mg/package)	<RL
Total THC (mg/serving)	9.87
Total THC (mg/package)	98.7

Edibles Total THC Uncertainty: +/- 5.0% for 10mg Serving or 100mg Package

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### Microbial Analysis

<b>Prep Date Bacteria:</b> 5/9/23	<b>Prep Date Ecoli/SLM:</b> 5/9/23	<b>Prep Date Yeast and Mold:</b> 5/9/23
<b>Date Analyzed Bacteria:</b> 5/10/23	<b>Date Analyzed Ecoli/SLM:</b> 5/10/23	<b>Date Analyzed Yeast and Mold:</b> 5/12/23
<b>Instrument:</b> CAT-0140, CAT-0152	<b>Method:</b> SOP-QA-0028, SOP-QA-0038	<b>Analyst:</b> ITG/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

### Filth and Foreign Materials

<b>Date Analyzed:</b> 5/15/23	<b>Prep Date:</b> 5/15/23	
<b>Instrument:</b> Visual Inspection	<b>Method:</b> SOP-QA-0018	<b>Analyst:</b> JG/IG

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:** 05/09/23  
**Instrument:** Rotronic CAT-0020

**Prep Date:** 05/09/23  
**Method:** SOP-QA-0012

**Analyst:** JG/IG

Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.73	0.11	0.85	Pass

### Homogeneity

**Date Analyzed:** 5/10/23  
**Instrument:** UPLC CAT-0002

**Prep Date:** 5/9/23  
**Method:** SOP-QA-0014

**Analyst:** RW

Analyte	Finding (mg/g)
Total THC Replicate 1	1.71
Total THC Replicate 2	1.66
Total THC Replicate 3	1.66
%RSD THC	1.60

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### Potency

**Date Analyzed:** 5/10/23  
**Instrument:** UPLC CAT-0002/CAT-0151

**Prep Date:** 5/9/23  
**Method:** SOP-QA-0016

**Analyst:** RW

Potency	Result %	Result (mg/g)	Result (mg/serving)	Result (mg/package)	RL (mg/g)
CBDV	< RL	< RL	N/A	N/A	0.0244
THCV	< RL	< RL	N/A	N/A	0.0244
CBDA	< RL	< RL	N/A	N/A	0.0244
CBD	< RL	< RL	N/A	N/A	0.0244
CBG	0.00317	0.0317	0.183	1.83	0.0244
CBN	< RL	< RL	< RL	< RL	0.0244
CBGA	< RL	< RL	N/A	N/A	0.0244
CBC	< RL	< RL	< RL	< RL	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	0.171	1.71	9.87	98.7	0.0244
Δ8THC	< RL	< RL	N/A	N/A	0.0244
THCA	< RL	< RL	N/A	N/A	0.0244

### Heavy Metals

**Date Analyzed:** 5/12/23  
**Instrument:** CAT-0093

**Prep Date:** 5/11/23  
**Method:** SOP-QA-0030

**Analyst:** ITG

Metals	Result (ug/kg)	RL (ug/kg)	Action Level (ug/kg)	Pass/Fail
Arsenic	< RL	44.0	1500	Pass
Cadmium	< RL	91.9	500	Pass
Lead	< RL	32.3	500	Pass
Mercury	< RL	5.89	3000	Pass

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Deisy Peña-Romero Lab Director