



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

Certificate of Analysis

Client Name	Highbrow Industries LLC - Manufacturing	License Number	AM544
Address	55 Topsham Fair Mall Rd. Topsham, ME 04086	Phone	(207) 356-9377
Order ID	2071	Sample Type	Semi-solid edibles
Sample ID	07600	Strain	BL drink Test S: 16515
METRC Sample ID	1A40D0300001451000016516	Serving Mass (g)/ Package	25.7379 / 10
Date Received	06/21/2023	Collected Sample Weight	5
Date/Time of Collection	06/21/2023 10:00 AM	Collected By	Chris moras
		Date Generated	06/28/2023

Summary of Results

Filth and Foreign Materials Screening	
All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Homogeneity Profile	
%RSD THC	3.70
%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	< RL
CBN	< RL
CBGA	< RL
CBC	< RL
exoTHC	< RL
Δ^9 -THC	0.366
Δ^8 THC	< RL
THCA	< RL
Total CBD mg/g	<RL
Total THC mg/g	0.366 Pass
Total CBD (mg/serving)	<RL
Total CBD (mg/package)	<RL
Total THC (mg/serving)	9.41
Total THC (mg/package)	94.1

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

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Homogeneity

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

Prep Date: 6/22/23
Method: SOP-QA-0014

Analyst: IG/KB

Analyte	Finding (mg/g)
Total THC Replicate 1	0.366
Total THC Replicate 2	0.350
Total THC Replicate 3	0.377
%RSD THC	3.70

Potency

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

Prep Date: 6/22/23
Method: SOP-QA-0016

Analyst: KB/IG

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	< RL	< RL	< RL	< RL	0.0244
CBN	< RL	< RL	N/A	N/A	0.0244
CBGA	< RL	< RL	N/A	N/A	0.0244
CBC	< RL	< RL	N/A	N/A	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	0.0366	0.366	9.41	94.1	0.0244
Δ8THC	< RL	< RL	N/A	N/A	0.0244
THCA	< RL	< RL	N/A	N/A	0.0244

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Heavy Metals

Date Analyzed: 6/26/23
Instrument: CAT-0093

Prep Date: 6/26/23
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

Microbial Analysis

Prep Date Bacteria: 6/22/23
Date Analyzed Bacteria: 6/23/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 6/22/23
Date Analyzed Ecoli/SLM: 6/23/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 6/23/23
Date Analyzed Yeast and Mold: 6/26/23
Analyst: ITG

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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Filth and Foreign Materials

Date Analyzed: 06/26/23
Instrument: Visual Inspection

Prep Date: 06/26/23
Method: SOP-QA-0018

Analyst: JG

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

Deisy Peña-Romero Lab Director



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Order ID	2071	Sample Type	Semi-solid edibles
Sample ID	07601	Strain	WM Gummy Test S: 16412
METRC Sample ID	1A40D0300001451000016504	Serving Mass (g)/ Package	5.838 / 10
Date Received	06/21/2023	Collected Sample Weight	13
Date/Time of Collection	06/21/2023 11:00 AM	Collected By	Chris moras
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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

Homogeneity Profile	
%RSD THC	1.74
%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	0.0653
CBN	< RL
CBGA	< RL
CBC	0.0289
exoTHC	< RL
Δ9-THC	1.64
Δ8THC	< RL
THCA	< RL
Total CBD mg/g	<RL
Total THC mg/g	1.64 Pass
Total CBD (mg/serving)	<RL
Total CBD (mg/package)	<RL
Total THC (mg/serving)	9.59
Total THC (mg/package)	95.9

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

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Homogeneity

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

Prep Date: 6/22/23
Method: SOP-QA-0014

Analyst: IG/KB

Analyte	Finding (mg/g)
Total THC Replicate 1	1.64
Total THC Replicate 2	1.70
Total THC Replicate 3	1.69
%RSD THC	1.74

Potency

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

Prep Date: 6/22/23
Method: SOP-QA-0016

Analyst: KB/IG

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	0.00653	0.0653	0.381	3.81	0.0244
CBN	< RL	< RL	N/A	N/A	0.0244
CBGA	< RL	< RL	N/A	N/A	0.0244
CBC	0.00289	0.0289	0.169	1.69	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	0.164	1.64	9.59	95.9	0.0244
Δ8THC	< RL	< RL	N/A	N/A	0.0244
THCA	< RL	< RL	N/A	N/A	0.0244

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Prep Date Bacteria: 6/22/23
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Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 6/22/23
Date Analyzed Ecoli/SLM: 6/23/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 6/23/23
Date Analyzed Yeast and Mold: 6/26/23
Analyst: ITG

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
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Date Analyzed: 06/26/23
Instrument: Visual Inspection

Prep Date: 06/26/23
Method: SOP-QA-0018

Analyst: JG

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: 06/26/23
Instrument: Rotronic CAT-0020

Prep Date: 06/26/23
Method: SOP-QA-0012

Analyst: JG

Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.81	0.11	0.85	Pass

Deisy Peña-Romero Lab Director