



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	1814	Sample Type	Semi-solid edibles
Sample ID	06685	Strain	1:1 Capsule S: 14763
METRC Sample ID	1A40D0300001451000014765	Serving Mass (g)/ Package	0.4603 / 10
Date Received	04/19/2023	Collected Sample Weight	20 ea
Date/Time of Collection	04/19/2023 09:00 AM	Collected By	High Brow
		Date Generated	04/25/2023

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	0.793
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	0.168
CBDA	< RL
CBD	15.6
CBG	0.629
CBN	0.135
CBGA	< RL
CBC	0.336
exoTHC	< RL
Δ^9 -THC	17.6
Δ^8 THC	< RL
THCA	0.0336
Total CBD mg/g	15.6
Total THC mg/g	17.6 Pass
Total CBD (mg/serving)	7.19
Total CBD (mg/package)	71.9
Total THC (mg/serving)	8.12
Total THC (mg/package)	81.2

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

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Homogeneity

Date Analyzed: 4/21/23
Instrument: UPLC CAT-0002

Prep Date: 4/20/23
Method: SOP-QA-0014

Analyst: AC

Analyte	Finding (mg/g)
Total THC Replicate 1	17.6
Total THC Replicate 2	17.5
Total THC Replicate 3	17.4
%RSD THC	0.793

Potency

Date Analyzed: 4/21/23
Instrument: UPLC CAT-0002/CAT-0151

Prep Date: 4/20/23
Method: SOP-QA-0016

Analyst: AC

Potency	Result %	Result (mg/g)	Result (mg/serving)	Result (mg/package)	RL (mg/g)
CBDV	< RL	< RL	N/A	N/A	0.0244
THCV	0.0168	0.168	0.0772	0.772	0.0244
CBDA	< RL	< RL	N/A	N/A	0.0244
CBD	1.56	15.6	7.19	71.9	0.0244
CBG	0.0629	0.629	0.290	2.90	0.0244
CBN	0.0135	0.135	0.0623	0.623	0.0244
CBGA	< RL	< RL	< RL	< RL	0.0244
CBC	0.0336	0.336	0.155	1.55	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	1.76	17.6	8.10	81.0	0.0244
Δ8THC	< RL	< RL	N/A	N/A	0.0244
THCA	0.00336	0.0336	0.0155	0.155	0.0244

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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	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: 4/20/23
Date Analyzed Bacteria: 4/21/23
Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 4/20/23
Date Analyzed Ecoli/SLM: 4/21/23
Method: SOP-QA-0028, SOP-QA-0038

Prep Date Yeast and Mold: 4/21/23
Date Analyzed Yeast and Mold: 4/24/23
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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Filth and Foreign Materials

Date Analyzed: 04/24/23
Instrument: Visual Inspection

Prep Date: 04/24/23
Method: SOP-QA-0018

Analyst: 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

Deisy Peña-Romero Lab Director



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Order ID	1814	Sample Type	Semi-solid edibles
Sample ID	06686	Strain	THC Capsule S: 14764
METRC Sample ID	1A40D0300001451000014766	Serving Mass (g)/ Package	0.5007 / 10
Date Received	04/19/2023	Collected Sample Weight	20 ea
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Summary of Results

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All Results	Pass

Microbiological Screening	
All Results	Pass

Heavy Metals Screening	
All Results	Pass

Homogeneity Profile	
%RSD THC	1.11
%RSD CBD	N/A
Pass/Fail	Pass
Pass/Fail Limit is 15%	

Potency Profile	
Cannabinoid	Result mg/g
CBDV	< RL
THCV	0.165
CBDA	< RL
CBD	0.0681
CBG	0.608
CBN	0.128
CBGA	< RL
CBC	0.315
exoTHC	< RL
Δ9-THC	16.1
Δ8THC	< RL
THCA	0.0308
Total CBD mg/g	0.0681
Total THC mg/g	16.1 Pass
Total CBD (mg/serving)	0.0341
Total CBD (mg/package)	0.341
Total THC (mg/serving)	8.08
Total THC (mg/package)	80.8

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

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Prep Date: 4/20/23
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Total THC Replicate 1	16.1
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Total THC Replicate 3	16.3
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Potency	Result %	Result (mg/g)	Result (mg/serving)	Result (mg/package)	RL (mg/g)
CBDV	< RL	< RL	N/A	N/A	0.0244
THCV	0.0165	0.165	0.0824	0.824	0.0244
CBDA	< RL	< RL	N/A	N/A	0.0244
CBD	0.00681	0.0681	0.0341	0.341	0.0244
CBG	0.0608	0.608	0.304	3.04	0.0244
CBN	0.0128	0.128	0.0641	0.641	0.0244
CBGA	< RL	< RL	< RL	< RL	0.0244
CBC	0.0315	0.315	0.158	1.58	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	1.61	16.1	8.07	80.7	0.0244
Δ8THC	< RL	< RL	N/A	N/A	0.0244
THCA	0.00308	0.0308	0.0154	0.154	0.0244

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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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Insect Fragment	0	1	Pass
Hair	0	1	Pass
Mammalian Excreta	0	1	Pass

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