

Certificate of Analysis

		License Number	AM544
Client Name	Highbrow Industries LLC - Manufacturing	Phone	(207) 356-9377
Address	55 Topsham Fair Mall Rd. Topsham, ME 04086	Sample Type	Semi-solid edibles
Order ID	1845	Strain	PL drink test S: 14978
Sample ID	06787	Serving Mass (g)/	25.532 / 10
METRC Sample ID	1A40D0300001451000014979	Package	25.552/10
Date Received	04/26/2023	Collected Sample Weight	5
Date/Time of	04/25/2023 11:00 AM	Collected By	Chris Moras
Collection		Date Generated	05/04/2023

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	0.656		
%RSD CBD N/A			
Pass/Fail Pass			
Pass/Fail Limit is 15%			

Potency Profile			
<u>Cannabinoid</u>	Result mg/g		
CBDV	< RL		
THCV	< RL		
CBDA	< RL		
CBD	< RL		
CBG	< RL		
CBN	< RL		
CBGA	< RL		
CBC	< RL		
exoTHC	< RL		
Δ9-THC	0.397		
Δ8THC	< RL		
ТНСА	< RL		
Total CBD mg/g	<rl< td=""></rl<>		
Total THC mg/g	0.397 Pass		
Total CBD (mg/serving)	<rl< td=""></rl<>		
Total CBD (mg/package)	<rl< td=""></rl<>		
Total THC (mg/serving)	10.1		
Total THC (mg/package)	101		

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

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).



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Homogeneity

Date Analyzed: 04/28/23 Instrument: UPLC CAT-0002	Prep Date: 04/27/23 Method: SOP-QA-0014	Analyst: AC	
Analyte		Finding (mg/g)	
Total THC Replicate 1		0.397	
Total THC Replicate 2		0.398	
Total THC Replicate 3		0.393	
%RSD THC		0.656	

Potency

Date Analyze Instrument: (ed: 04/28/23 UPLC CAT-0002/CA	NT-0151	Prep Date: 04/27/23 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	< 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	N/A	N/A	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	0.0397	0.397	10.1	101	0.0244
∆8THC	< 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: 5/1/23 Instrument: CAT-0093		Prep Date: 5/1/23 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: 4/27/23 Date Analyzed Bacteria: 4/28/23 Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 4/27/23 Date Analyzed Ecoli/SLM: 4/28/23 Method: SOP-QA-0028, SOP-QA-0038 Prep Date Yeast and Mold: 4/28/23 Date Analyzed Yeast and Mold: 5/1/23 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: 05/04/23 Instrument: Visual Inspection	Prep Date: 05/04/23 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