

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	2065	Strain	BL Gummies S: 16242
Sample ID	07577	Serving Mass (g)/	6.1864 / 10
METRC Sample ID	1A40D0300001451000016456	Package	0.1004/10
Date Received	06/20/2023	Collected Sample Weight	13 ea
Date/Time of Collection	06/19/2023 03:00 PM	Collected By	High Brow
Conection		Date Generated	06/27/2023

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	2.78		
%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	0.0639		
CBN	< RL		
CBGA	< RL		
СВС	0.0282		
exoTHC	< RL		
Δ9-THC	1.55		
Δ8THC	< RL		
ТНСА	< RL		
Total CBD mg/g	<rl< td=""></rl<>		
Total THC mg/g	1.55 Pass		
Total CBD (mg/serving)	<rl< td=""></rl<>		
Total CBD (mg/package)	<rl< td=""></rl<>		
Total THC (mg/serving)	9.60		
Total THC (mg/package)	96.0		
Edibles Total THC Uncertainty: +/- 5.0% for 10mg Serving or 100mg			

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



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Homogeneity

Date Analyzed: 06/22/23 Instrument: UPLC CAT-0002	Prep Date: 06/21/22 Method: SOP-QA-0014	Analyst: AC	
Analyte		Finding (mg/g)	
Total THC Replicate 1		1.55	
Total THC Replicate 2		1.48	
Total THC Replicate 3		1.55	
%RSD THC		2.78	

Potency

Date Analyze Instrument: (ed: 06/22/23 UPLC CAT-0002/CA	NT-0151	Prep Date: 06/21/23 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	0.00639	0.0639	0.395	3.95	0.0244
CBN	< RL	< RL	N/A	N/A	0.0244
CBGA	< RL	< RL	N/A	N/A	0.0244
CBC	0.00282	0.0282	0.174	1.74	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	0.155	1.55	9.60	96.0	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: 6/26/23 Instrument: CAT-0093	3 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: 6/20/23 Date Analyzed Bacteria: 6/21/23 Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 6/20/23 Date Analyzed Ecoli/SLM: 6/21/23 Method: SOP-QA-0028, SOP-QA-0038 Prep Date Yeast and Mold: 6/20/23 Date Analyzed Yeast and Mold: 6/23/23 Analyst: 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



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Filth and Foreign Materials

Date Analyzed: 06/26/23 Instrument: Visual Inspection	• •		t: 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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conection		Date Generated	06/27/2023

Water Activity

Date Analyzed: 06/26/2 Instrument: Rotronic CA		Prep Date: 06/26/23 Method: SOP-QA-0012	Analyst: J	IG
Analyte	Finding (Aw)	RL (Aw)	Action Level (Aw)	Pass/Fail
Water Activity	0.76	0.11	0.85	Pass

Deisy Peña-Romero Lab Director



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Address	55 Topsham Fair Mall Rd. Topsham, ME 04086	Sample Type	Semi-solid edibles
Order ID	2065	Strain	MB Drink S: 16454
Sample ID	07578	Serving Mass (g)/	25.43 / 10
METRC Sample ID	1A40D0300001451000016455	Package	25.45/10
Date Received	06/20/2023	Collected Sample Weight	5 ea
Date/Time of	06/20/2023 11:30 AM	Collected By	High Brow
Collection		Date Generated	06/27/2023

Summary of Results

Filth and Foreign Materials ScreeningAll ResultsPass

Microbiological Screening
All Results Pass

Heavy Metals Screening		
All Results	Pass	

Homogeneity Profile			
%RSD THC	0.794		
%RSD CBD	N/A		
Pass/Fail	Pass		
Pass/Fail Limit is 15%			

Potency Profile			
<u>Cannabinoid</u>	Result mg/g		
CBDV	< RL		
ТНСУ	< RL		
CBDA	< RL		
CBD	< RL		
CBG	< RL		
CBN	< RL		
CBGA	< RL		
СВС	< RL		
exoTHC	< RL		
Δ9-THC	0.407		
Δ8THC	< RL		
ТНСА	< RL		
Total CBD mg/g	<rl< td=""></rl<>		
Total THC mg/g	0.407 Pass		
Total CBD (mg/serving)	<rl< td=""></rl<>		
Total CBD (mg/package)	<rl< td=""></rl<>		
Total THC (mg/serving)	10.3		
Total THC (mg/package)			

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



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Sample ID	07578	Serving Mass (g)/	25.43 / 10
METRC Sample ID	1A40D0300001451000016455	Package	23.43710
Date Received	06/20/2023	Collected Sample Weight	5 ea
Date/Time of Collection	06/20/2023 11:30 AM	Collected By	High Brow
Conection		Date Generated	06/27/2023

Homogeneity

Date Analyzed: 06/22/23 Instrument: UPLC CAT-0002	Prep Date: 06/21/22 Method: SOP-QA-0014	Analyst: AC
Analyte		Finding (mg/g)
Total THC Replicate 1		0.407
Total THC Replicate 2		0.410
Total THC Replicate 3		0.413
%RSD THC		0.794

Potency

Date Analyze Instrument: (ed: 06/22/23 UPLC CAT-0002/CA	NT-0151	Prep Date: 06/21/23 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	< 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	0.0407	0.407	10.3	103	0.0244
Δ8ΤΗΟ	< 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: 6/20/23 Date Analyzed Bacteria: 6/21/23 Instrument: CAT-0140, CAT-0152 Prep Date Ecoli/SLM: 6/20/23 Date Analyzed Ecoli/SLM: 6/21/23 Method: SOP-QA-0028, SOP-QA-0038 Prep Date Yeast and Mold: 6/20/23 Date Analyzed Yeast and Mold: 6/23/23 Analyst: 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



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Collection		Date Generated	06/27/2023

Filth and Foreign Materials

Date Analyzed: 06/26/23 Instrument: Visual Inspection	Prep Date: 06/26/23 Method: SOP-QA-0018 Analyst: JG		t: 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