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Certificate of Analysis

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		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	1983	Strain	1:1 Capsule S: 15739
Sample ID	07296	Serving Mass (g)/	0 5004 / 10
METRC Sample ID	1A40D0300001451000015741	Package	0.5924 / 10
Date Received	05/26/2023	Collected Sample Weight	20 ea
Date/Time of	05/25/2023 02:00 PM	Collected By	High Brow
Collection		Date Generated	06/02/2023

Summary of Results

Filth and Foreign Materials ScreeningAll ResultsPass

Microbiological Screening
All Results Pass

Heavy Metals Screening				
All Results				

Homogeneity Profile			
%RSD THC 1.62			
%RSD CBD	N/A		
Pass/Fail Pass			
Pass/Fail Limit is 15%			

Potency Profile			
<u>Cannabinoid</u>	Result mg/g		
CBDV	0.0861		
ТНСУ	0.144		
CBDA	< RL		
CBD	14.8		
CBG	0.520		
CBN	0.156		
CBGA	< RL		
СВС	0.264		
exoTHC	< RL		
Δ9-THC	15.6		
Δ8THC	< RL		
ТНСА	< RL		
Total CBD mg/g	14.8		
Total THC mg/g	15.6 Pass		
Total CBD (mg/serving)	8.79		
Total CBD (mg/package)	87.9		
Total THC (mg/serving)	9.22		
Total THC (mg/package)	92.2		

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



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Homogeneity

Date Analyzed: 05/31/23 Instrument: UPLC CAT-0002	Prep Date: 05/30/23 Method: SOP-QA-0014	Analyst: AC	
Analyte		Finding (mg/g)	
Total THC Replicate 1		15.6	
Total THC Replicate 2		15.3	
Total THC Replicate 3		15.1	
%RSD THC		1.62	

Potency

Date Analyze Instrument: ເ	d: 05/31/23 JPLC CAT-0002/CA	NT-0151	Prep Date: 05/30/23 Method: SOP-QA-0016	Analyst: AC	
Potency	Result %	Result (mg/g)	Result (mg/serving)	Result (mg/package)	RL (mg/g)
CBDV	0.00861	0.0861	0.0510	0.510	0.0244
THCV	0.0144	0.144	0.0851	0.851	0.0244
CBDA	< RL	< RL	N/A	N/A	0.0244
CBD	1.48	14.8	8.79	87.9	0.0244
CBG	0.0520	0.520	0.308	3.08	0.0244
CBN	0.0156	0.156	0.0921	0.921	0.0244
CBGA	< RL	< RL	N/A	N/A	0.0244
CBC	0.0264	0.264	0.157	1.57	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
Δ9-THC	1.56	15.6	9.22	92.2	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

•		Prep Date: 5/31/23 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: 5/30/23 Date Analyzed Bacteria: 5/31/23 Instrument: CAT-0140, CAT-0152

Prep Date Ecoli/SLM: 5/30/23 Date Analyzed Ecoli/SLM: 6/2/23 Method: SOP-QA-0028, SOP-QA-0038 Prep Date Yeast and Mold: 5/30/23 Date Analyzed Yeast and Mold: 6/2/23 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

The incubator for yeast and mold was outside of its temperature criteria for a portion of the incubation period



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Filth and Foreign Materials

Date Analyzed: 06/01/23 Instrument: Visual Inspection	Prep Date: 06/01/23 Method: SOP-QA-0018	Analys	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



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Address	55 Topsham Fair Mall Rd. Topsham, ME 04086	Sample Type	Semi-solid edibles
Order ID	1983	Strain	THC Capsule S: 15740
Sample ID	07297	Serving Mass (g)/	0 5 6 7 0 / 1 0
METRC Sample ID	1A40D0300001451000015742	Package	0.5678 / 10
Date Received	05/26/2023	Collected Sample Weight	20 ea
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Summary of Results

Filth and Foreign Materials ScreeningAll ResultsPass

Microbiological Screening
All Results Pass

Heavy Metals Screening		
All Results	Pass	

Homogeneity Profile			
%RSD THC 0.602			
%RSD CBD N/A			
Pass/Fail Pass			
Pass/Fail Limit is 15%			

Potency Profile			
<u>Cannabinoid</u>	Result mg/g		
CBDV	< RL		
ТНСУ	0.150		
CBDA	< RL		
CBD	0.0392		
CBG	0.507		
CBN	0.167		
CBGA	0.0354		
СВС	0.257		
exoTHC	< RL		
Δ9-THC	16.0		
Δ8THC	0.0757		
ТНСА	< RL		
Total CBD mg/g	0.0392		
Total THC mg/g	16.0 Pass		
Total CBD (mg/serving)	0.0222		
Total CBD (mg/package)	0.222		
Total THC (mg/serving)	9.11		
Total THC (mg/package)	91.1		

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Order ID	1983	Strain	THC Capsule S: 15740
Sample ID	07297	Serving Mass (g)/	0.5678 / 10
METRC Sample ID	1A40D0300001451000015742	Package	0.3078710
Date Received	05/26/2023	Collected Sample Weight	20 ea
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Homogeneity

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Analyte		Finding (mg/g)	
Total THC Replicate 1		16.0	
Total THC Replicate 2		16.1	
Total THC Replicate 3		15.9	
%RSD THC		0.602	

Potency

Date Analyze Instrument: (ed: 05/31/23 JPLC CAT-0002/CA	NT-0151	Prep Date: 05/30/23 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	0.0150	0.150	0.0850	0.850	0.0244
CBDA	< RL	< RL	N/A	N/A	0.0244
CBD	0.00392	0.0392	0.0222	0.222	0.0244
CBG	0.0507	0.507	0.288	2.88	0.0244
CBN	0.0167	0.167	0.0946	0.946	0.0244
CBGA	0.00354	0.0354	0.0201	0.201	0.0244
CBC	0.0257	0.257	0.146	1.46	0.0244
exoTHC	< RL	< RL	N/A	N/A	0.0244
∆9-THC	1.60	16.0	9.11	91.1	0.0244
∆8THC	0.00757	0.0757	0.0430	0.430	0.0244
THCA	< RL	< RL	N/A	N/A	0.0244



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Total Enterobacter	< RL	100	1,000	Pass
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Escherichia Coli (E. Coli)	< RL	1	1	Pass
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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