

## BlackStack Brewing

755 Prior Ave N, STE 110  
Saint Paul, MN 55104  
bella.ludwig@blackstackbrewing.com  
(651) 373-5663

Sample: 2311AIT0723.1651

Strain: N/A  
Batch#: ; Batch Size: g  
Sample Received: 11/07/2023; Report Created: 11/15/2023

## Real Trees King Size: Blackberry Lemonade

Ingestible, Beverage



**0.002%**  
7.9 mg/container  
4.0 mg/serving  
**Total THC**

**<LOQ**  
<LOQ  
<LOQ  
**Total CBD**

**0.002%**  
9.0 mg/container  
4.5 mg/serving  
**Total Cannabinoids**

## Cannabinoids

Date Tested: 11/09/2023

Analytes	%	mg/g	mg/ml	mg/serving	LOQ
CBC	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBD	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBDa	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBG	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBGa	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBL	<LOQ	<LOQ	<LOQ	<LOQ	0.000
CBN	<LOQ	<LOQ	<LOQ	<LOQ	0.000
Δ8-THC	<LOQ	<LOQ	<LOQ	<LOQ	0.000
Δ9-THC	0.002	0.017	0.017	3.972	0.000
THCa	<LOQ	<LOQ	<LOQ	<LOQ	0.000
THCVa	0.000	0.002	0.002	0.548	0.000

Method: HPLC  
Total THC = THCa \* 0.877 + Δ9-THC  
Total CBD = CBDa \* 0.877 + CBD

Total Cannabinoids represents the sum of all cannabinoids in the table above.  
Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids %  
LOQ = Limit of Quantitation

## Summary

**Pass**  
Residual Solvents

**Pass**  
Pesticides

**Pass**  
Heavy Metals

**Pass**  
Microbials

4150 98th Ave S  
 Fargo, ND  
(888) 897-4367  
www.hempinspection.com



*John Schmidt*

John Schmidt  
Analytical Chemist



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## Microbials

Pass

Date Tested: 11/09/2023

Analyte	Limit	Units	Status
Aerobic Bacteria	1	CFU/g	NT
Bile-Tolerant Gram-Negative Bacteria	1	NR	NT
Coliforms	1	NR	NT
E. Coli	1	Not Detected	Not Present
Salmonella	1	Not Detected	Not Present
Yeast & Mold	1000	<LOQ	Not Present

Method: qPCR

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## Heavy Metals

Pass

Date Tested: 11/10/2023

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	0.10	1.50	<LOQ	Pass
Cadmium	0.10	0.50	<LOQ	Pass
Lead	0.10	0.50	<LOQ	Pass
Mercury	0.10	3.00	<LOQ	Pass



Method: ICPMS



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## Pesticides

Pass

Date Tested: 11/15/2023

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin	0.01	0.50	<LOQ	Pass
Acephate	0.01	0.40	<LOQ	Pass
Acequinocyl	0.01	2.00	<LOQ	Pass
Acetamiprid	0.01	0.20	<LOQ	Pass
Aldicarb	0.01	0.40	<LOQ	Pass
Azoxystrobin	0.01	0.20	<LOQ	Pass
Bifenazate	0.01	0.20	<LOQ	Pass
Bifenthrin	0.01	0.20	<LOQ	Pass
Boscalid	0.01	0.40	<LOQ	Pass
Carbaryl	0.01	0.20	<LOQ	Pass
Carbofuran	0.01	0.20	<LOQ	Pass
Chlorantraniliprole	0.01	0.20	<LOQ	Pass
Chlorfenapyr	0.01	1.00	<LOQ	Pass
Chlorpyrifos	0.01	0.20	<LOQ	Pass
Clofentezine	0.01	0.20	<LOQ	Pass
Cyfluthrin	0.01	1.00	<LOQ	Pass
Cypermethrin	0.01	1.00	<LOQ	Pass
Daminozide	0.01	1.00	<LOQ	Pass
DDVP	0.01	1.00	<LOQ	Pass
Diazinon	0.01	0.20	<LOQ	Pass
Dimethoate	0.01	0.20	<LOQ	Pass
Ethoprophos	0.01	0.20	<LOQ	Pass
Etofenprox	0.01	0.40	<LOQ	Pass
Etoxazole	0.01	0.20	<LOQ	Pass
Fenoxycarb	0.01	0.20	<LOQ	Pass

Methods: LCMS and GCMS

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## Pesticides

Pass

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Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Fenpyroximate	0.01	0.40	<LOQ	Pass
Fipronil	0.01	0.40	<LOQ	Pass
Fonicamid	0.01	1.00	<LOQ	Pass
Fludioxonil	0.01	0.40	<LOQ	Pass
Hexythiazox	0.01	1.00	<LOQ	Pass
Imazalil	0.01	0.20	<LOQ	Pass
Imidacloprid	0.01	0.40	<LOQ	Pass
Kresoxim Methyl	0.01	0.40	<LOQ	Pass
Malathion	0.01	0.20	<LOQ	Pass
Metalaxyl	0.01	0.20	<LOQ	Pass
Methiocarb	0.01	0.20	<LOQ	Pass
Methomyl	0.01	0.40	<LOQ	Pass
Methyl Parathion	0.01	0.20	<LOQ	Pass
MGK-264	0.01	0.20	<LOQ	Pass
Myclobutanil	0.01	0.20	<LOQ	Pass
Naled	0.01	0.50	<LOQ	Pass
Oxamyl	0.01	1.00	<LOQ	Pass
Paclobutrazol	0.01	0.40	<LOQ	Pass
Permethrins	0.01	0.20	<LOQ	Pass
Phosmet	0.01	0.20	<LOQ	Pass
Piperonyl Butoxide	0.01	2.00	<LOQ	Pass
Prallethrin	0.01	0.20	<LOQ	Pass
Propiconazole	0.01	0.40	<LOQ	Pass
Propoxur	0.01	0.20	<LOQ	Pass
Pyrethrins	0.01	1.00	<LOQ	Pass

Methods: LCMS and GCMS

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Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Pyridaben	0.01	0.20	<LOQ	Pass
Spinosad	0.01	0.20	<LOQ	Pass
Spiromesifen	0.01	0.20	<LOQ	Pass
Spirotetramat	0.01	0.20	<LOQ	Pass
Spiroxamine	0.01	0.40	<LOQ	Pass
Tebuconazole	0.01	0.40	<LOQ	Pass
Thiacloprid	0.01	0.20	<LOQ	Pass
Thiamethoxam	0.01	0.20	<LOQ	Pass
Trifloxystrobin	0.01	0.20	<LOQ	Pass

Methods: LCMS and GCMS

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## Residual Solvents

Pass

Date Tested: 11/10/2023

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,4-Dioxane	71.250	380.000	<LOQ	Pass
2-Butanol	437.500	5000.000	<LOQ	Pass
2-Ethoxy-Ethanol	30.000	160.000	<LOQ	Pass
2-Propanol IPA	437.500	5000.000	<LOQ	Pass
Acetone	437.500	5000.000	<LOQ	Pass
Acetonitrile	76.880	410.000	<LOQ	Pass
Benzene	0.375	2.000	<LOQ	Pass
Butanes	156.300	5000.000	<LOQ	Pass
Cumene	13.130	70.000	<LOQ	Pass
Cyclohexane	727.500	3880.000	<LOQ	Pass
Dichloromethane	112.500	600.000	<LOQ	Pass
Ethanol	437.500	5000.000	<LOQ	Pass
Ethyl-Acetate	437.500	5000.000	<LOQ	Pass
Ethyl-Ether	437.500	5000.000	<LOQ	Pass
Ethylene Glycol	116.300	620.000	<LOQ	Pass
Ethylene Oxide	9.375	50.000	<LOQ	Pass
Heptane	437.500	5000.000	<LOQ	Pass
Hexanes	217.500	290.000	<LOQ	Pass
Isopropyl-Acetate	437.500	5000.000	<LOQ	Pass
Methanol	312.500	3000.000	<LOQ	Pass
Pentanes	953.100	5000.000	<LOQ	Pass
Propane	31.250	5000.000	<LOQ	Pass
Tetrahydrofuran	135.000	720.000	<LOQ	Pass
Toluene	166.900	890.000	<LOQ	Pass
Xylenes	1221.000	2170.000	<LOQ	Pass

Method: GCMS (Headspace)

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