Certificate of Analysis

Jack Pine Brewery

15593 Edgewood Dr
Baxter, MN 56425

(218) 270-8072

Sample: 2411AIT1435.2948

Strain: N/A
Batch#: 1596; Batch Size: g
Sample Received: 11/01/2024; Report Created: 11/08/2024

High Pines - Tropical

Ingestible, Beverage

0.003%	<LOQ	0.003%
9.7 mg/container	<LOQ	9.7 mg/container
4.8 mg/serving	*<LOQ*	*4.8 mg/serving*
Total THC	Total CBD	Total Cannabinoids

Cannabinoids

Date Tested: 11/04/2024

Analytes	%	mg/g	mg/ml	mg/serving	LOQ
CBC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBD	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBG	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBGa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBL	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBN	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ8-THC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ9-THC	0.003	0.027	0.027	4.835	0.001
THCa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
THCVa	<LOQ	<LOQ	<LOQ	<LOQ	0.001

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	Pass	Pass
Pesticides	Mycotoxins	Heavy Metals

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

John Schmidt
Analytical Chemist

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Mycotoxins

Pass

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Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
Aflatoxin B1	1.00	20.00	<LOQ	Pass
Aflatoxin B2	1.00	20.00	<LOQ	Pass
Aflatoxin G1	1.00	20.00	<LOQ	Pass
Aflatoxin G2	1.00	20.00	<LOQ	Pass
Ochratoxin A	1.00	20.00	<LOQ	Pass

Method: LCMS

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Heavy Metals

Pass

Date Tested: 11/04/2024

Analyte	LOQ	Limit	Result	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

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Analyte	LOQ	Limit	Result	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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Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Fenpyroximate	0.01	0.40	<LOQ	Pass
Fipronil	0.01	0.40	<LOQ	Pass
Flonicamid	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	Result	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