BADGER LABS

CERTIFICATE OF ANALYSIS
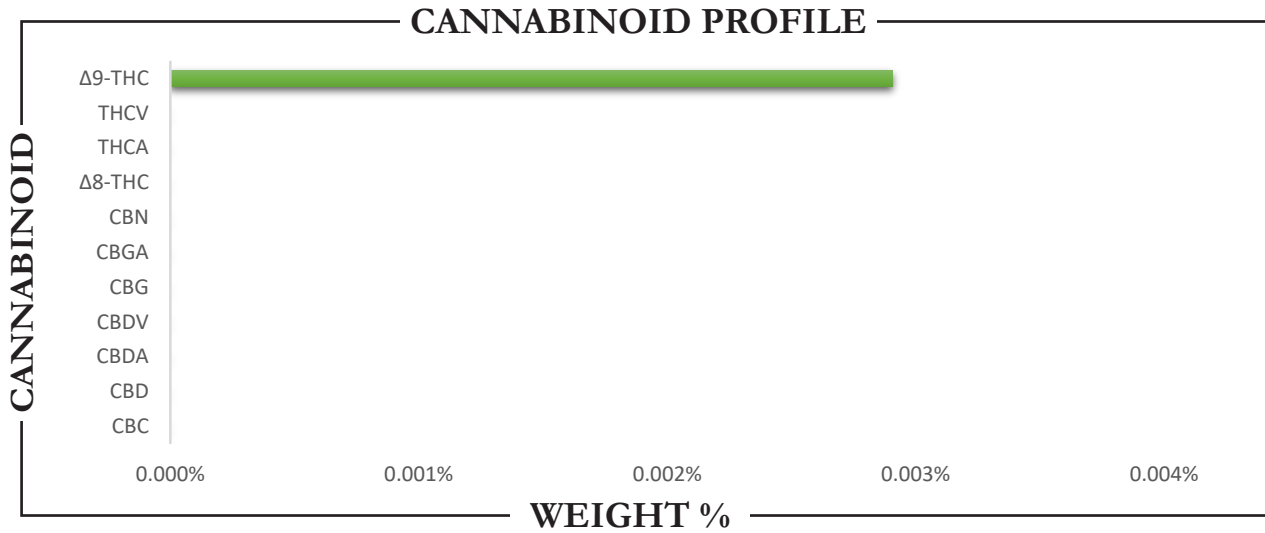
REPORT PREPARED FOR:

Bent Paddle Brewing Co
1912 W Michigan St
Duluth, MN 55806

PROJECT# 24020964
LAB ID 54049293
REPORT DATE 11/15/2024

SAMPLE NAME: 111224-HIPL
DATE RECEIVED: 11/8/2024

TOTAL Δ9-THC	TOTAL CBD	TOTAL CANNABINOIDS
10.32 MG	ND	10.32 MG

CANNABINOID PROFILE

Chart — CANNABINOID (y-axis): Δ9-THC, THCV, THCA, Δ8-THC, CBN, CBGA, CBG, CBDV, CBDA, CBD, CBC. WEIGHT % (x-axis): 0.000%, 0.001%, 0.002%, 0.003%, 0.004%. Δ9-THC bar extends to ~0.0029%.

CANNABINOID	WEIGHT (%)	MG/Can (355 mL)
CBC	ND	ND
CBD	ND	ND
CBDA	ND	ND
CBDV	ND	ND
CBG	ND	ND
CBGA	ND	ND
CBN	ND	ND
Δ8-THC	ND	ND
Δ9-THC	0.0029	10.32
THCA	ND	ND
THCV	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total THC	0.0029	10.32

Analysis Method: TP-POT-05
By HPLC-VWD
Total THC = (0.877 x THCA) + Δ9-THC
Total CBD = (0.877 x CBDA) + CBD
Total CBG = (0.877 x CBGA) + CBG
ND = Not Detected

Prepared By: RF
Prep Date: 11/8/2024
Batch ID: NOV0824A-POT

Analyzed By: RF
Analysis Date: 11/8/2024

Can labeled: 111224-HIPL Hightened Palo marita

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

SIGNATURE

11/15/2024

SIGNED ON

BADGER LABS

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BADGER LABS
3426 E. Maria Drive
Stevens Point, WI 54481
(715) 544-4900

CLIENT: Bent Paddle Brewing Co
PROJECT#: 24020964
SAMPLE NAME: 111224-HIPL
DATE RECEIVED: 11/8/2024   **LAB ID:** 54049293

PESTICIDES   PASS

PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)	PESTICIDE	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Acephate	100	ND	Imidacloprid	5000	ND
Acequinocyl	100	ND	Kresoxim methyl	100	ND
Acetamiprid	100	ND	Malathion	500	ND
Aldicarb	LOD	ND	Metalaxyl	100	ND
Avermectin B1a	100	ND	Methiocarb	LOD	ND
Avermectin B1b	100	ND	Methomyl	1000	ND
Azoxystrobin	100	ND	Methyl-Parathion	LOD	ND
Bifenazate	100	ND	Mevinphos	LOD	ND
Bifenthrin	3000	ND	Myclobutanil	100	ND
Boscalid	100	ND	Oxamyl	500	ND
Captan	100	ND	Paclobutrazol	LOD	ND
Carbaryl	500	ND	Pentachloronitrobenzene	LOD	ND
Carbofuran	LOD	ND	Permethrin I	500	ND
Chlorantraniliprole	10000	ND	Phosmet	100	ND
Chlorfenapyr	LOD	ND	Piperonyl butoxide	3000	ND
Chlorpyrifos	LOD	ND	Prallethrin	100	ND
Clofentezine	100	ND	Propicanozole	100	ND
Coumaphos	LOD	ND	Propoxur	LOD	ND
Cyfluthrin	2000	ND	Pyrethrin I	500	ND
Cypermethrin	1000	ND	Pyrethrin II	500	ND
Daminozide	LOD	ND	Pyridaben	100	ND
Diazinon	100	ND	Spinetoram J	100	ND
Dibrom (Naled)	100	ND	Spinetoram L	100	ND
Dichlorvos	LOD	ND	Spinosyn A	100	ND
Dimethoate	LOD	ND	Spinosyn D	100	ND
Dimethomorph I	2000	ND	Spiromesifen	100	ND
Dimethomorph II	2000	ND	Spirotetramat	100	ND
Ethoprophos	LOD	ND	Spiroxamine	LOD	ND
Etofenprox	LOD	ND	Tebuconazole	100	ND
Etoxazole	100	ND	Thiacloprid	LOD	ND
Fenhexamid	100	ND	Thiamethoxam	5000	ND
Fenoxycarb	LOD	ND	Trifloxystrobin	100	ND
Fenpyroximate	100	ND			
Fipronil	LOD	ND			
Flonicamid	100	ND			
Fludixonil	100	ND			
Hexythiazox	100	ND			
Imazalil	LOD	ND			

Prepared By: TJS   Analyzed By: TJS
Prepared Date: 11/13/2024   Analyzed Date: 11/14/2024
Analysis Batch: NOV1424A-PES
Analyzed by method TP-PES-01 on HPLC/MS/MS or GC/MS
ND = Analyte not detected
PPB = Parts per billion

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

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11/15/2024
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Stevens Point, WI 54481
(715) 544-4900

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PROJECT#: 24020964
SAMPLE NAME: 111224-HIPL
DATE RECEIVED: 11/8/2024   **LAB ID:** 54049293

RESIDUAL SOLVENTS   PASS

CATEGORY I	PPM	CATEGORY II	PPM
Ethylene Oxide	ND	Propane	ND
Methylene Chloride	ND	Butane/Isobutane	ND
Benzene	ND	Pentane	ND
1,2-Dichloroethane	ND	Acetone	ND
Chloroform	ND	Acetonitrile	ND
Trichloroethylene	ND	Hexane	ND
		Ethyl Acetate	ND
		Heptane	ND
		Methanol	ND
		Diethyl Ether	ND
		Ethanol	ND
		Isopropanol	ND
		Toluene	ND
		m+p Xylene	ND
		o-Xylene	ND

Prepared By: RF
Date Prepared: 11/14/2024
Analyzed By: RF
Analysis Date: 11/14/2024
Analysis Batch: NOV1424A-SOL

Analysis method: TP-SOL-01 by HS-GC/MS
No Category I solvent may be present to pass
ND = Not detected
PPM = Parts per million

METALS   PASS

METALS FDA - CATEGORY I	ACTION LEVEL (PPM)	SAMPLE LEVEL (PPM)
Arsenic (As)	1.5	ND
Cadmium (Cd)	0.5	ND
Lead (Pb)	0.5	ND
Mercury (Hg)	3.0	ND

Prepared By: HS
Date Prepared: 11/11/2024
Analyzed By: HS
Analysis Date 11/11/2024

Analyzed by EPA method 6020A via ICP-OES or ICP-MS
ND = Not detected
PPM = Parts per million

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

J. Hall
SIGNATURE

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MYCOTOXINS   PASS

MYCOTOXIN	ACTION LEVEL (PPB)	SAMPLE LEVEL (PPB)
Aflatoxin B1		ND
Aflatoxin B2	Sum of all alflatoxins	ND
Aflatoxin G1	not to exceed 20 PPB	ND
Aflatoxin G2		ND
Ochratoxin	20	ND

Prepared By: TJS
Date Prepared: 11/13/2024
Analyzed By: TJS
Analysis Date   11/14/2024
Analysis Batch: NOV1424A-MYC

Analyzed by TP-MYC-01 on HPLC/MS/MS
ND = Not detected
PPB = Parts per billion

MICROBIALS   PASS

	ACTION LEVEL (CFU/G)	SAMPLE LEVEL (CFU/G)
Total Coliform		ND
E. Coli	Presence	ND
Yeast & Mold		ND
Enterobacteriaceae		ND
Salmonella	Presence	ND
Total Count		ND

Prepared By: PS
Date Prepared: 11/11/2024
Analyzed By: PS
Analysis Date   11/13/2024

Analyzed by COMPACTDRY method.
ND = Not detected
CFU/G = Colony forming uniits per gram

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR   **SIGNATURE**   **11/15/2024**   **SIGNED ON**