

REPORT PREPARED FOR:

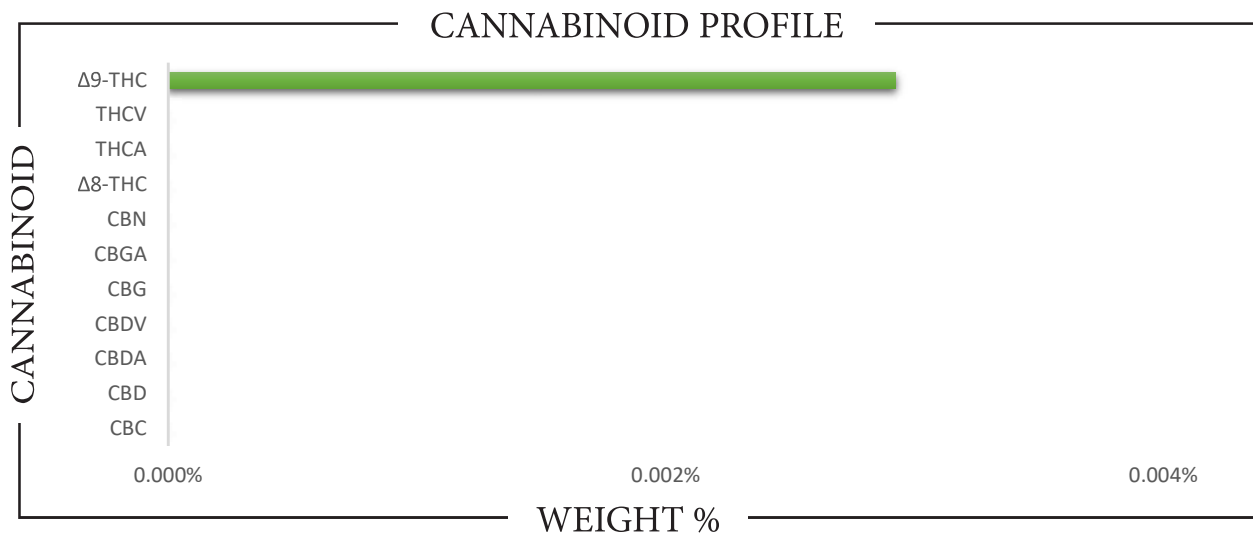
Bent Paddle Brewing Co
1912 W Michigan St
Duluth, MN 55806

PROJECT# 26017117
LAB ID 56043774
RECEIVED DATE 8/3/2026
REPORT DATE 8/12/2026



SAMPLE NAME: EXP-080527-PDP

TOTAL Δ9-THC	TOTAL CBD	TOTAL CANNABINOIDS
10.39 MG	ND	10.39 MG



CANNABINOID	WEIGHT (%)	MG/12 FL OZ
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	10.39
THCA	ND	ND
THCV	ND	ND
Total CBD	ND	ND
Total CBG	ND	ND
Total THC	0.0029	10.39



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: BRB
Prep Date: 8/3/2026
Batch ID: AUG0326A-POT

Analyzed By: BRB
Analysis Date: 8/3/2026



APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

Justin Hall
SIGNATURE

8/12/2026
SIGNED ON

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SAMPLE NAME: EXP-080527-PDP

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 ¹	100	ND	Methiocarb	LOD	ND
Avermectin B1b ¹	100	ND	Methomyl	1000	ND
Azadirachtin	100	ND	Methyl-Parathion	LOD	ND
Azoxystrobin	100	ND	Mevinphos	LOD	ND
Bifenazate	100	ND	Myclobutanil	100	ND
Bifenthrin	3000	ND	Oxamyl	500	ND
Boscalid	100	ND	Paclobutrazol	LOD	ND
Captan	100	ND	Pentachloronitrobenzene	LOD	ND
Carbaryl	500	ND	Permethrin I	500	ND
Carbofuran	LOD	ND	Phosmet	100	ND
Chlorantraniliprole	10000	ND	Piperonyl butoxide	3000	ND
Chlordane	100	ND	Prallethrin	100	ND
Chlorfenapyr	LOD	ND	Propicanazole	100	ND
Chloromequat chloride	LOD	ND	Propoxur	LOD	ND
Chlorpyrifos	LOD	ND	Pyrethrin I	500	ND
Clofentezine	100	ND	Pyrethrin II	500	ND
Coumaphos	LOD	ND	Pyridaben	100	ND
Cyfluthrin	2000	ND	Spinetoram J	100	ND
Cypermethrin	1000	ND	Spinetoram L	100	ND
Daminozide	LOD	ND	Spinosyn A ²	100	ND
Diazinon	100	ND	Spinosyn D ²	100	ND
Dibrom (Naled)	100	ND	Spiromesifen	100	ND
Dichlorvos	LOD	ND	Spirotetramat	100	ND
Dimethoate	LOD	ND	Spiroxamine	LOD	ND
Dimethomorph I	2000	ND	Tebuconazole	100	ND
Dimethomorph II	2000	ND	Thiacloprid	LOD	ND
Ethoprophos	LOD	ND	Thiamethoxam	5000	ND
Etofenprox	LOD	ND	Trifloxystrobin	100	ND
Etoazole	100	ND			
Fenhexamid	100	ND			
Fenoxycarb	LOD	ND			
Fenpyroximate	100	ND			
Fipronil	LOD	ND			
Flonicamid	100	ND			
Fludixonil	100	ND			
Hexythiazox	100	ND			
Imazalil	LOD	ND			

Prepared By: HM Analyzed By: HM
 Prepared Date: 8/4/2026 Analyzed Date: 8/4/2026
 Analysis Batch: AUG0426A-PES
 Analyzed by method TP-PES-01 on HPLC/MS/MS or GC/MS
 ND = Analyte not detected
 PPB = Parts per billion
¹Abamectin is a mixture of Avermectin B1a and Avermectin B1b
²Spinosad is a mixture of isomers Spinosyn A and Spinosyn D

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SAMPLE NAME: EXP-080527-PDP

RESIDUAL SOLVENTS

PASS

CATEGORY I	PPM	CATEGORY II	PPM	CATEGORY II	PPM
Ethylene Oxide	ND	Propane	ND	1-propanol	ND
Methylene Chloride	ND	Butane/isobutane	ND	Ethyl acetate	ND
Benzene	ND	2,2-dimethylpropane	ND	2-butanone	ND
1,2-Dichloroethane	ND	Methanol	ND	2-butanol	ND
Chloroform	ND	2-methylbutane	ND	Tetrahydrofuran	ND
Trichloroethylene	ND	Pentane	ND	Chloroform	ND
Prepared By: KAM		Ethanol	ND	Cyclohexane	ND
Date Prepared: 8/10/2026		Ethyl ether	ND	1,1-dichloroethane	ND
Analyzed By: KAM		Acetone	ND	1,1-dichloroethene	ND
Analysis Date: 8/10/2026		2,2-dimethylbutane	ND	Heptane	ND
Analysis Batch: AUG1026A-SOL		Isopropanol	ND	1-butanol	ND
Analysis method: TP-SOL-01 by HS-GC/MS		Acetonitrile	ND	1,4-dioxane	ND
No Category I solvent may be present to pass		2,3-dimethylbutane	ND	Toluene	ND
ND = Not detected		2-methylpentane	ND	Ethyl benzene	ND
PPM = Parts per million		3-methylpentane	ND	o-xylene	ND
		Hexane	ND	m+p-xylene	ND

METALS

PASS

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

Prepared By: HB
 Date Prepared: 8/11/2026
 Analyzed By: HB
 Analysis Date: 8/11/2026

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

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SAMPLE NAME: EXP-080527-PDP

MYCOTOXINS

PASS

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

Prepared By: HM
 Date Prepared: 8/4/2026
 Analyzed By: HM
 Analysis Date: 8/4/2026
 Analysis Batch: AUG0426A-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 ¹	1 CFU/G	ND
Total Yeast & Mold		ND
A. niger	1 CFU/G	ND
A. fumigatus	1 CFU/G	ND
A. flavus	1 CFU/G	ND
A. terreus	1 CFU/G	ND
Enterobacteriaceae		ND
Salmonella	1 CFU/G	ND
L. monocytogenes	1 CFU/G	ND
Total Count		ND

Prepared By: PS
 Date Prepared: 8/10/2026
 Analyzed By: PS
 Analysis Date: 8/7/2026

ND = Not detected
 CFU/G = Colony forming units per gram

¹Includes Shiga toxin-producing Escherichia coli (STEC)

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SAMPLE NAME: EXP-080527-PDP

FOREIGN MATERIAL

	PASS/FAIL
Foreign Material	PASS

Prepared By: JPH
Prep Date 8/5/2026
Analyzed By: JPH
Analysis Date 8/5/2026

ND = Not Detected

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

SIGNATURE

8/12/2026

SIGNED ON