

**REPORT PREPARED FOR:**

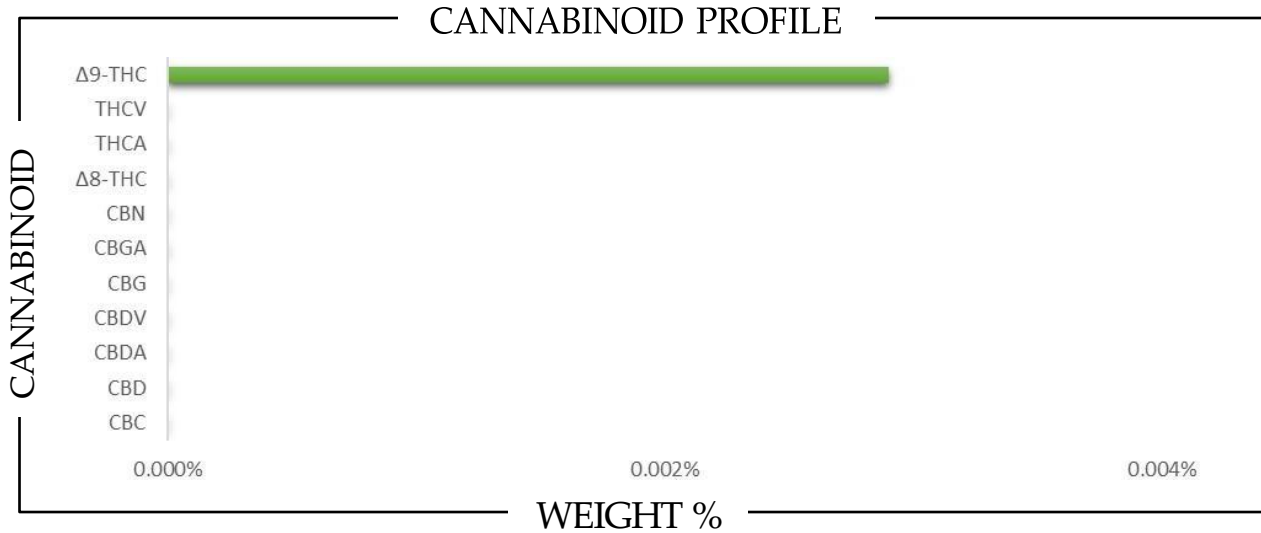
**Bent Paddle Brewing Co.**  
1912 W Michigan St  
Duluth, MN 55806

PROJECT# 26004961  
LAB ID 56012768  
RECEIVED DATE 2/18/2026  
REPORT DATE 2/27/2026

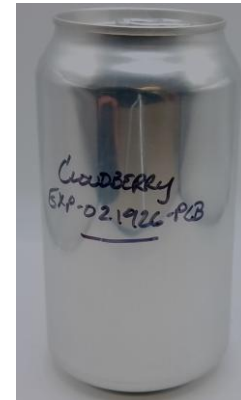


SAMPLE NAME: EXP-021927-PCB

|                     |                  |                           |
|---------------------|------------------|---------------------------|
| <b>TOTAL Δ9-THC</b> | <b>TOTAL CBD</b> | <b>TOTAL CANNABINOIDS</b> |
| 10.292 MG           | ND               | 10.292 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   | 10.292      |
| THCA             | ND       | ND          |
| THCV             | ND       | ND          |
| <b>Total CBD</b> | ND       | ND          |
| <b>Total CBG</b> | ND       | ND          |
| <b>Total THC</b> | 0.0029   | 10.292      |



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: HM  
Prep Date: 2/18/2026  
Batch ID: FEB1826A-POT

Analyzed By: HM  
Analysis Date: 2/18/2026



APPROVED BY:  
**JUSTIN HALL**  
LAB DIRECTOR

*Justin Hall*  
SIGNATURE

2/27/2026  
SIGNED ON

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Duluth, MN 55806

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SAMPLE NAME: EXP-021927-PCB

## 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 <sup>1</sup> | 100                | ND                 | Methiocarb              | LOD                | ND                 |
| Avermectin B1b <sup>1</sup> | 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                 | Pacloutrazol            | LOD                | ND                 |
| Carbaryl                    | 500                | ND                 | Pentachloronitrobenzene | LOD                | ND                 |
| Carbofuran                  | LOD                | ND                 | Permethrin I            | 500                | ND                 |
| Chlorantraniliprole         | 10000              | ND                 | Phosmet                 | 100                | ND                 |
| Chlordane                   | 100                | ND                 | Piperonyl butoxide      | 3000               | ND                 |
| Chlorfenapyr                | LOD                | ND                 | Prallethrin             | 100                | ND                 |
| Chloromequat chloride       | LOD                | ND                 | Propiconazole           | 100                | ND                 |
| Chlorpyrifos                | LOD                | ND                 | Propoxur                | LOD                | ND                 |
| Clofentezine                | 100                | ND                 | Pyrethrin I             | 500                | ND                 |
| Coumaphos                   | LOD                | ND                 | Pyrethrin II            | 500                | ND                 |
| Cyfluthrin                  | 2000               | ND                 | Pyridaben               | 100                | ND                 |
| Cypermethrin                | 1000               | ND                 | Spinetoram J            | 100                | ND                 |
| Daminozide                  | LOD                | ND                 | Spinetoram L            | 100                | ND                 |
| Diazinon                    | 100                | ND                 | Spinosyn A <sup>2</sup> | 100                | ND                 |
| Dibrom (Naled)              | 100                | ND                 | Spinosyn D <sup>2</sup> | 100                | ND                 |
| Dichlorvos                  | LOD                | ND                 | Spiromesifen            | 100                | ND                 |
| Dimethoate                  | LOD                | ND                 | Spirotetramat           | 100                | ND                 |
| Dimethomorph I              | 2000               | ND                 | Spiroxamine             | LOD                | ND                 |
| Dimethomorph II             | 2000               | ND                 | Tebuconazole            | 100                | ND                 |
| Ethoprophos                 | LOD                | ND                 | Thiacloprid             | LOD                | ND                 |
| Etofenprox                  | LOD                | ND                 | Thiamethoxam            | 5000               | ND                 |
| Etoxazole                   | 100                | ND                 | Trifloxystrobin         | 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: 2/25/2026      Analyzed Date: 2/25/2026  
 Analysis Batch: FEB2526A-PES  
 Analyzed by method TP-PES-01 on HPLC/MS/MS or GC/MS  
 ND = Analyte not detected  
 PPB = Parts per billion  
<sup>1</sup>Abamectin is a mixture of Avermectin B1a and Avermectin B1b  
<sup>2</sup>Spinosad is a mixture of isomers Spinosyn A and Spinosyn D

APPROVED BY:  
**JUSTIN HALL**  
LAB DIRECTOR

  
SIGNATURE

2/27/2026  
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 1912 W Michigan St  
 Duluth, MN 55806

**PROJECT#** 26004961  
**LAB ID** 56012768  
**RECEIVED DATE** 2/18/2026  
**REPORT DATE** 2/27/2026

**SAMPLE NAME:** EXP-021927-PCB

## 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  |
| Prepared By: RF                              |     | Ethyl Acetate    | ND  |
| Date Prepared: 10/23/2025                    |     | Heptane          | ND  |
| Analyzed By: RF                              |     | Methanol         | ND  |
| Analysis Date: 11/25/2025                    |     | Diethyl Ether    | ND  |
| Analysis Batch: OCT2325A-SOL                 |     | Ethanol          | ND  |
| Analysis method: TP-SOL-01 by HS-GC/MS       |     | Isopropanol      | ND  |
| No Category I solvent may be present to pass |     | Toluene          | ND  |
| ND = Not detected                            |     | m+p Xylene       | ND  |
| PPM = Parts per million                      |     | o-Xylene         | ND  |

## METALS

**PASS**

| METALS<br>FDA - CATEGORY I | ACTION LEVEL<br>(PPM) | SAMPLE LEVEL<br>(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: 2/26/2026  
 Analyzed By: HB  
 Analysis Date: 2/26/2026

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

|   |  |                        |
|---|--|------------------------|
| <u>APPROVED BY:</u><br><b>JUSTIN HALL</b><br>LAB DIRECTOR | <br>SIGNATURE | 2/27/2026<br>SIGNED ON |
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## MYCOTOXINS

**PASS**

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

Prepared By: HM  
 Date Prepared: 2/25/2026  
 Analyzed By: HM  
 Analysis Date: 2/25/2026  
 Analysis Batch: FEB2526A-MYC

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

## MICROBIALS

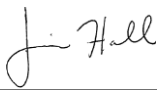
**PASS**

|                    | 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: 2/18/2026  
 Analyzed By: PS  
 Analysis Date: 2/20/2026

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

APPROVED BY:  
**JUSTIN HALL**  
 LAB DIRECTOR

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|--|------------------------|
| <br>SIGNATURE | 2/27/2026<br>SIGNED ON |
|--|------------------------|