

## REPORT PREPARED FOR:

**Bent Paddle Brewing**

 1912 W Michigan St  
 Duluth, MN 55806

PROJECT# 25013396

LAB ID 55033725

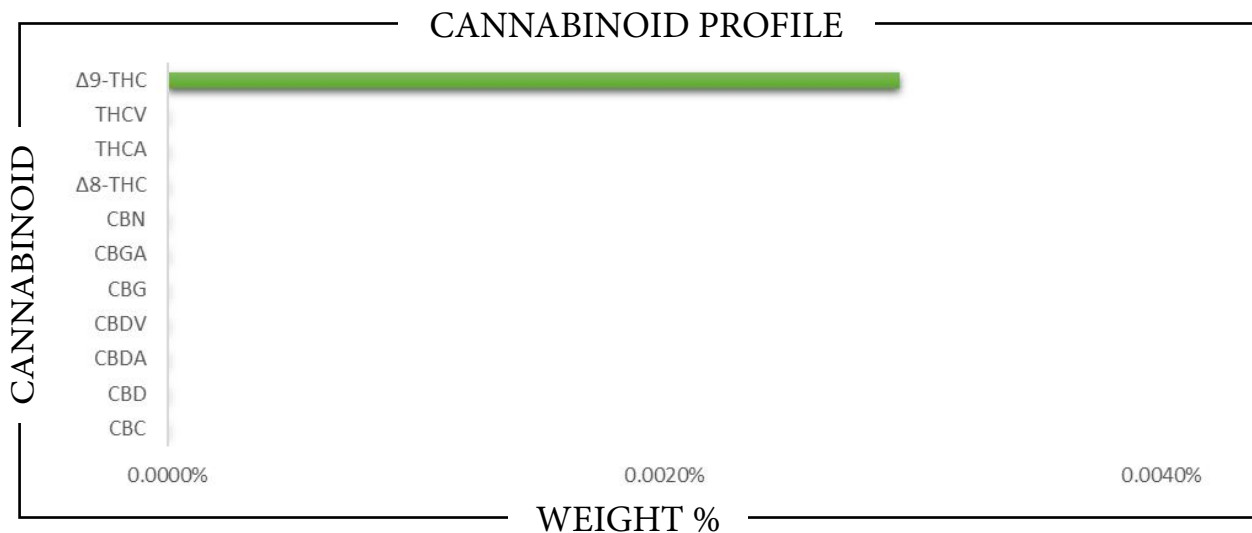
RECEIVED DATE 7/1/2025

REPORT DATE 7/10/2025

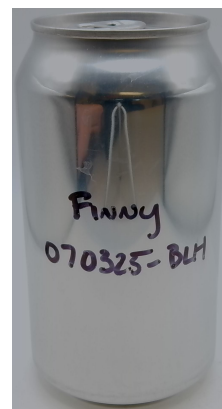


SAMPLE NAME: 070325-BLH

| TOTAL Δ9-THC | TOTAL CBD | TOTAL CANNABINOIDS |
|--------------|-----------|--------------------|
| 10.457 MG    | ND        | 10.457 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   | 10.457      |
| THCA        | ND       | ND          |
| THCV        | ND       | ND          |
| Total CBD   | ND       | ND          |
| Total CBG   | ND       | ND          |
| Total THC   | 0.0029   | 10.457      |


 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: 7/1/2025  
 Batch ID: JUL0125A-POT

 Analyzed By: BRB  
 Analysis Date: 7/1/2025

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## 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                 | Paclobutrazol           | 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                 | Propicanazole           | 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                 |                         |                    |                    |
| Fludionil                   | 100                | ND                 |                         |                    |                    |
| Hexythiazox                 | 100                | ND                 |                         |                    |                    |
| Imazalil                    | LOD                | ND                 |                         |                    |                    |

Prepared By: RF Analyzed By: RF  
 Prepared Date: 6/9/2025 Analyzed Date: 6/9/2025

Analysis Batch: JUN0925A-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

*J. Hall*  
 SIGNATURE

7/10/2025  
 SIGNED ON

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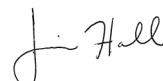
**METALS****PASS**

| 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: 7/7/2025  
Analyzed By: HB  
Analysis Date 7/8/2025

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

APPROVED BY:  
**JUSTIN HALL**  
LAB DIRECTOR

  
SIGNATURE

7/10/2025  
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SAMPLE NAME: 070325-BLH

**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: RF

Date Prepared: 7/9/2025

Analyzed By: RF

Analysis Date 7/9/2025

Analysis Batch: JUL0925A-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: AJ

Date Prepared: 7/1/2025

Analyzed By: AJ

Analysis Date 7/3/2025

Analyzed by COMPACTDRY method.

ND = Not detected

CFU/G = Colony forming units per gram

APPROVED BY:  
**JUSTIN HALL**  
LAB DIRECTOR

  
SIGNATURE

7/10/2025  
SIGNED ON