

## C-250410-MHM

BioTrack Lot ID: 5406 7263 2214 6243

**Sample ID: 2505ANSCT0333-2085** Completed: 05/19/2025  
Strain: MIXED Expiration: 05/19/2026  
Ingestible, Chocolate, , , ,

### Client

**Advanced Grow Labs**  
Lic. # MMBR.0002721  
40 Frontage Rd  
West Haven, CT 06516

Sample Size: 3 units

COC #: 2505ANSCT0333; Number of Servings: ; Amended: No; Sample Condition: Intact;



## Summary

| Test              | Date Tested | Result             |
|-------------------|-------------|--------------------|
| Batch             |             | Pass               |
| Cannabinoids      | 05/06/2025  | Complete           |
| Water Activity    | 05/06/2025  | 0.68 aw - Complete |
| Residual Solvents | 05/06/2025  | Pass               |
| Microbials        | 05/06/2025  | Pass               |
| Mycotoxins        | 05/19/2025  | Pass               |
| Pesticides        | 05/19/2025  | Pass               |
| Heavy Metals      | 05/07/2025  | Pass               |

Water Activity Entered By: 012

Instrument ID: WA-1

Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

## Cannabinoids

Complete

**4.234 mg/serving**

Total Active THC

**ND**

Total Active CBD

**4.737 mg/serving**

Total Active Cannabinoids

| Analyte                      | LOD<br>mg/serving | LOQ<br>mg/serving | Result<br>mg/serving | Result<br>% | Qualifiers |
|------------------------------|-------------------|-------------------|----------------------|-------------|------------|
| Δ9-THC                       | 0.00068           | 0.00225           | 4.23                 | 0.188       |            |
| CBG                          | 0.00092           | 0.00225           | 0.50                 | 0.022       |            |
| Total Available THC          |                   |                   | 4.23                 | 0.188       |            |
| Total Active THC             |                   |                   | 4.23                 | 0.188       |            |
| Total Available CBD          |                   |                   | ND                   | ND          |            |
| Total Active CBD             |                   |                   | ND                   | ND          |            |
| Total Available Cannabinoids |                   |                   | 4.74                 | 0.211       |            |
| Total Active Cannabinoids    |                   |                   | 4.74                 | 0.211       |            |

Entered by: 5; Instrument ID: 1; Date Tested: 05/06/2025; 1 servings per container. Serving Weight: 2.25 grams.

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCA. Total Active THC = Δ9-THC + (THCA0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCA0.877+ Δ9 THC+ Δ8 THC+ THCA0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVA 0.867+ CBNA0.876+ CBN + CBGA0.878+ CBG + CBCA\*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.





Ryan Picard  
Lab Director  
05/19/2025

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## Pesticides

Pass

| Analyte             | LOD    | LOQ | Limit    | Result | Status | Analyte                 | LOD    | LOQ | Limit    | Result | Status |
|---------------------|--------|-----|----------|--------|--------|-------------------------|--------|-----|----------|--------|--------|
|                     | PPB    | PPB | PPB      | PPB    |        |                         | PPB    | PPB | PPB      | PPB    |        |
| Abamectin           | 0.0270 | 5.0 | 300.00   | ND     | Pass   | Fludioxonil             | 0.0220 | 5.0 | 3000.00  | ND     | Pass   |
| Acephate            | 0.0130 | 5.0 | 5000.00  | ND     | Pass   | Hexythiazox             | 0.0150 | 5.0 | 2000.00  | ND     | Pass   |
| Acequinocyl         | 0.0100 | 5.0 | 4000.00  | ND     | Pass   | Imazalil                | 0.0120 | 5.0 | 100.00   | ND     | Pass   |
| Acetamiprid         | 0.0110 | 5.0 | 5000.00  | ND     | Pass   | Imidacloprid            | 0.0110 | 5.0 | 3000.00  | ND     | Pass   |
| Aldicarb            | 0.0130 | 5.0 | 100.00   | ND     | Pass   | Kresoxim Methyl         | 0.0150 | 5.0 | 1000.00  | ND     | Pass   |
| Azoxystrobin        | 0.0210 | 5.0 | 40000.00 | ND     | Pass   | Malathion               | 0.0180 | 5.0 | 5000.00  | ND     | Pass   |
| Bifenazate          | 0.0270 | 5.0 | 5000.00  | ND     | Pass   | Metalaxyl               | 0.0160 | 5.0 | 15000.00 | ND     | Pass   |
| Bifenthrin          | 0.0280 | 5.0 | 500.00   | ND     | Pass   | Methiocarb              | 0.0180 | 5.0 | 100.00   | ND     | Pass   |
| Boscalid            | 0.0110 | 5.0 | 10000.00 | ND     | Pass   | Methomyl                | 0.0110 | 5.0 | 100.00   | ND     | Pass   |
| Captan              | 0.0900 | 5.0 | 5000.00  | ND     | Pass   | Methyl Parathion        | 0.0080 | 5.0 | 100.00   | ND     | Pass   |
| Carbaryl            | 0.0110 | 5.0 | 500.00   | ND     | Pass   | Mevinphos               | 0.0080 | 5.0 | 100.00   | ND     | Pass   |
| Carbofuran          | 0.0130 | 5.0 | 100.00   | ND     | Pass   | Myclobutanil            | 0.0170 | 5.0 | 9000.00  | ND     | Pass   |
| Chlorantraniliprole | 0.0120 | 5.0 | 40000.00 | ND     | Pass   | Naled                   | 0.0110 | 5.0 | 500.00   | ND     | Pass   |
| Chlordane           | 0.0320 | 5.0 | 100.00   | ND     | Pass   | Oxamyl                  | 0.0110 | 5.0 | 200.00   | ND     | Pass   |
| Chlorfenapyr        | 0.0280 | 5.0 | 100.00   | ND     | Pass   | Paclobutrazol           | 0.0190 | 5.0 | 100.00   | ND     | Pass   |
| Chlorpyrifos        | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Pentachloronitrobenzene | 0.0160 | 5.0 | 200.00   | ND     | Pass   |
| Clofentezine        | 0.0120 | 5.0 | 500.00   | ND     | Pass   | Permethrin              | 0.0230 | 5.0 | 20000.00 | ND     | Pass   |
| Coumaphos           | 0.0090 | 5.0 | 100.00   | ND     | Pass   | Phosmet                 | 0.0100 | 5.0 | 200.00   | ND     | Pass   |
| Cyfluthrin          | 0.0170 | 5.0 | 1000.00  | ND     | Pass   | Piperonyl Butoxide      | 0.0200 | 5.0 | 8000.00  | ND     | Pass   |
| Cypermethrin        | 0.0230 | 5.0 | 1000.00  | ND     | Pass   | Prallethrin             | 0.0150 | 5.0 | 4000.00  | ND     | Pass   |
| Daminozide          | 0.0100 | 5.0 | 100.00   | ND     | Pass   | Propiconazole           | 0.0100 | 5.0 | 20000.00 | ND     | Pass   |
| DDVP                | 0.0120 | 5.0 | 100.00   | ND     | Pass   | Pyrethrins              | 0.0100 | 5.0 | 1000.00  | ND     | Pass   |
| Diazinon            | 0.0050 | 5.0 | 200.00   | ND     | Pass   | Pyridaben               | 0.0240 | 5.0 | 3000.00  | ND     | Pass   |
| Dimethoate          | 0.0090 | 5.0 | 100.00   | ND     | Pass   | Spinetoram              | 0.0190 | 5.0 | 3000.00  | ND     | Pass   |
| Dimethomorph        | 0.0140 | 5.0 | 20000.00 | ND     | Pass   | Spinosad                | 0.0150 | 5.0 | 3000.00  | ND     | Pass   |
| Ethoprophos         | 0.0160 | 5.0 | 100.00   | ND     | Pass   | Spiromesifen            | 0.0190 | 5.0 | 12000.00 | ND     | Pass   |
| Etofenprox          | 0.0270 | 5.0 | 100.00   | ND     | Pass   | Spirotetramat           | 0.0130 | 5.0 | 13000.00 | ND     | Pass   |
| Etoazole            | 0.0200 | 5.0 | 1500.00  | ND     | Pass   | Spiroxamine             | 0.0110 | 5.0 | 100.00   | ND     | Pass   |
| Fenhexamid          | 0.0250 | 5.0 | 10000.00 | ND     | Pass   | Tebuconazole            | 0.0230 | 5.0 | 2000.00  | ND     | Pass   |
| Fenoxycarb          | 0.0160 | 5.0 | 100.00   | ND     | Pass   | Thiacloprid             | 0.0120 | 5.0 | 100.00   | ND     | Pass   |
| Fenpyroximate       | 0.0290 | 5.0 | 2000.00  | ND     | Pass   | Thiamethoxam            | 0.0080 | 5.0 | 4500.00  | ND     | Pass   |
| Fipronil            | 0.0190 | 5.0 | 100.00   | ND     | Pass   | Trifloxystrobin         | 0.0230 | 5.0 | 30000.00 | ND     | Pass   |
| Flonicamid          | 0.0130 | 5.0 | 2000.00  | ND     | Pass   |                         |        |     |          |        |        |

Entered by: 72

Instrument ID 1: LCMS-1

Instrument ID 2: 0

Date Tested (LC): 05/19/2025

Date Tested (GC):

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008




Ryan Picard  
Lab Director  
05/19/2025

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Sample Size: 3 units

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## Microbials

Pass

| Analyte                       | Limit              | Results      | Qualifiers | Status |
|-------------------------------|--------------------|--------------|------------|--------|
|                               | CFU/g              | CFU/g        |            |        |
| Total Viable Aerobic Bacteria | 100000             | <100         |            | Pass   |
| Total Yeast & Mold            | 100000             | <100         |            | Pass   |
| E. coli                       | Not Detected in 1g | Not Detected |            | Pass   |
| Listeria monocytogenes        | Not Detected in 1g | Not Detected |            | Pass   |
| Salmonella                    | Not Detected in 1g | Not Detected |            | Pass   |
| Shiga Toxin E. Coli           | Not Detected in 1g | Not Detected |            | Pass   |

Entered by: 010

Instrument ID: PCR-1

Date Tested: 05/06/2025

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

## Mycotoxins

Pass

| Analyte      | LOD   | LOQ   | Limit | Results | Qualifiers | Status |
|--------------|-------|-------|-------|---------|------------|--------|
|              | ug/kg | ug/kg | ug/kg | ug/kg   |            |        |
| B1           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| B2           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| G1           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| G2           | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |
| Ochratoxin A | 0.0   | 1.0   | 20.0  | ND      |            | Pass   |

Entered by: 72

Instrument ID: LCMS-1

Date Tested: 05/06/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

## Heavy Metals

Pass

| Analyte  | LOD   | LOQ   | Limit    | Results | Qualifiers | Status |
|----------|-------|-------|----------|---------|------------|--------|
|          | ug/kg | ug/kg | ug/kg    | ug/kg   |            |        |
| Arsenic  | 0.236 | 0.500 | 500.000  | ND      |            | Pass   |
| Cadmium  | 0.115 | 0.500 | 1500.000 | ND      |            | Pass   |
| Chromium | 0.216 | 1.000 | 2000.000 | 552.131 |            | Pass   |
| Lead     | 0.088 | 1.000 | 3000.000 | ND      |            | Pass   |
| Mercury  | 0.188 | 0.250 | 500.000  | ND      |            | Pass   |

Entered by: 3

Instrument ID: ICPMS-1

Date Tested: 05/06/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005




Ryan Picard  
Lab Director  
05/19/2025

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## Residual Solvents

Pass

| Analyte                 | LOQ<br>PPM | Limit<br>PPM | Results<br>PPM | Status | Qualifiers |
|-------------------------|------------|--------------|----------------|--------|------------|
| Acetone                 | 100.000    | 1000.000     | ND             | Pass   |            |
| Ethanol                 | 100.000    | 5000.000     | ND             | Pass   |            |
| Ethyl-Acetate           | 100.000    | 1000.000     | ND             | Pass   |            |
| Ethyl-Ether             | 100.000    | 1000.000     | ND             | Pass   |            |
| Ethyl-Formate           | 100.000    | 1000.000     | ND             | Pass   |            |
| Heptane                 | 100.000    | 1000.000     | ND             | Pass   |            |
| Isobutane               | 100.000    | 1000.000     | ND             | Pass   |            |
| Isobutyl-Acetate        | 100.000    | 1000.000     | ND             | Pass   |            |
| Isopropyl-Acetate       | 100.000    | 1000.000     | ND             | Pass   |            |
| n-Butane                | 100.000    | 1000.000     | ND             | Pass   |            |
| n-Pentane               | 100.000    | 1000.000     | ND             | Pass   |            |
| Propane                 | 100.000    | 1000.000     | ND             | Pass   |            |
| Tert-Butyl-Methyl-Ether | 100.000    | 1000.000     | ND             | Pass   |            |

Entered by: 007

Instrument ID: GC-1

Date Tested: 05/06/2025

LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011




Ryan Picard  
 Lab Director  
 05/19/2025

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