

## subFull

BioTrack Lot ID: 9848267409887439

**Sample ID: 2412ANSCT0116.0701**

Strain: AST.TB

Ingestible, Chocolate, , , ,

Completed: 12/17/2024

Expiration: 12/17/2025

Client

**Connecticut Contract Manufacturing**

Lic. # ACFB.0001847

1244 Old Clinton Rd

Westbrook, CT 06498

Sample Size: 2 units

COC #: 2412ANSCT0116; Number of Servings: 20; Amended: No; Sample Condition: Intact;



## Summary

| Test           | Date Tested | Result             |
|----------------|-------------|--------------------|
| Batch          |             | Pass               |
| Cannabinoids   | 12/13/2024  | Complete           |
| Water Activity | 12/12/2024  | 0.34 aw - Complete |
| Microbials     | 12/11/2024  | Pass               |
| Mycotoxins     | 12/12/2024  | Pass               |
| Pesticides     | 12/12/2024  | Pass               |
| Heavy Metals   | 12/16/2024  | Pass               |

Water Activity Entered By: 008

Instrument ID: WA-1

Water Activity analyzed per SOP-020. NT= Not

Tested, NR = Not Reported.

Cannabinoids

Complete

**4.124 mg/serving**

Total Active THC

**ND**

Total Active CBD

**4.124 mg/serving**

Total Active Cannabinoids

| Analyte                      | LOD        | LOQ        | Result     | Result | Qualifiers |
|------------------------------|------------|------------|------------|--------|------------|
|                              | mg/serving | mg/serving | mg/serving | mg/g   |            |
| THCa                         | 0.00111    | 0.00410    | ND         | ND     |            |
| Δ9-THC                       | 0.00123    | 0.00410    | 4.12       | 1.010  |            |
| Δ8-THC                       | 0.00193    | 0.00410    | ND         | ND     |            |
| THCVa                        | 0.00057    | 0.00410    | ND         | ND     |            |
| THCV                         | 0.00111    | 0.00410    | ND         | ND     |            |
| CBDa                         | 0.00062    | 0.00410    | ND         | ND     |            |
| CBD                          | 0.00062    | 0.00410    | ND         | ND     |            |
| CBDVa                        | 0.00053    | 0.00410    | ND         | ND     |            |
| CBDV                         | 0.00037    | 0.00410    | ND         | ND     |            |
| CBNa                         | 0.00299    | 0.00410    | ND         | ND     |            |
| CBN                          | 0.00098    | 0.00410    | ND         | ND     |            |
| CBGa                         | 0.00111    | 0.00410    | ND         | ND     |            |
| CBG                          | 0.00168    | 0.00410    | ND         | ND     |            |
| CBCa                         | 0.00230    | 0.00410    | ND         | ND     |            |
| CBC                          | 0.00172    | 0.00410    | ND         | ND     |            |
| CBL                          | 0.00283    | 0.00410    | ND         | ND     |            |
| CBT                          | 0.00103    | 0.00410    | ND         | ND     |            |
| Total Available THC          |            |            | 4.12       | 1.006  |            |
| Total Active THC             |            |            | 4.12       | 1.006  |            |
| Total Available CBD          |            |            | ND         | ND     |            |
| Total Active CBD             |            |            | ND         | ND     |            |
| Total Available Cannabinoids |            |            | 4.12       | 1.006  |            |
| Total Active Cannabinoids    |            |            | 4.12       | 1.006  |            |

Entered by: 5; Instrument ID: 1; Date Tested: 12/13/2024; 20 servings per container.

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+ THCVa0.867+ 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*

Ryan Picard  
Lab Director  
12/17/2024

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The sampling was performed by Analytics Labs CT LLC, in accordance with established sampling protocols. Samples were received intact and underwent testing following all appropriate chain of custody and sample control protocols. All pass limits are as specified in the most recent version of Chapter 420f Sec. 21a 408-414, Chapter 420h Sec. 21a 420-429 and 21a 421j-(1-40). This product has been tested by Analytics Labs using internally validated testing methodologies and a quality management system. Uncertainty and test condition information is available upon request. Decision Rule (measurement of uncertainty) is not used to determine Pass/Fail. Analytics Labs makes no claim as to the efficacy, safety, or other risk associated with any detected, or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced, except in full, without the written consent of Analytics Labs CT.

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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   |                         |        |     |          |        |        |

Qualifiers: C-01

Entered by: 11

Instrument ID 1: LCMS-1

Instrument ID 2: 0

Date Tested (LC): 12/12/2024

Date Tested (GC):

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




Ryan Picard  
Lab Director  
12/17/2024

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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: 009

Instrument ID: PCR-1

Date Tested: 12/11/2024

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   |

Qualifiers: C-01

Entered by: 11

Instrument ID: LCMS-1

Date Tested: 12/11/2024

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 | 0.500 | 2000.000 | 544.565 |            | Pass   |
| Lead     | 0.088 | 0.500 | 3000.000 | ND      |            | Pass   |
| Mercury  | 0.188 | 0.200 | 500.000  | ND      |            | Pass   |

Entered by: 3

Instrument ID: ICPMS-1

Date Tested: 12/11/2024

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




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12/17/2024

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