



**Phyto-farma Labs**  
 49 John Hicks Drive  
 Warwick, NY 10990  
 Permit#: OCM-CPL-2022-00004  
 Phone: 845-988-0937

Compliance

# Certificate Of Analysis

## Results Summary

|  |      |
|--|------|
| <b>Cannabinoids Profile</b>                              |      |
| <b>Terpenes</b>  |      |
| Trace Metals   | PASS |
| Mycotoxins   | PASS |
| Pesticides LC  | PASS |
| Pesticides GC  | PASS |
| Microbial Impurities (MDG for STEC, Salmonella, Asp sp.) | PASS |
| Microbial Impurities (Total Aerobic Bacteria/CDP-TC)     | PASS |
| Microbial Impurities (Total Yeast and Mold/CDP-YMR)      | PASS |
| Filth and Foreign Material                               | PASS |
| Moisture Content   | PASS |
| Water Activity   | PASS |

**Client Name:** Canna Cure Farms LLC  
**Contact Name:** Matthew White  
**Address:** 665 Ralph Rd  
 Lake Luzerne, NY 12846  
**Phone:** 518-360-7196  
**License Number:** OCM-AUCC-22-000164

**Sample Description:** Super Lemon Haze  
**Lot Number:** LL - 2024 - 0002  
**Regulatory Category:** Adult Use  
**Sample Matrix:** Un-Extracted  
**Delivery Method:** Inhalation  
**Sample Type:** Flower  
**Sample Subtype:** Jar of flower  
**Sampling Site:** 665 Ralph Rd Lake Luzerne, NY 12846  
**Sampling Date and Time:** 02/02/2024 01:23 PM

This is a Phyto-farma certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Phyto-farma. Test results are confidential, unless explicitly waived. All Pass/Fail results please reference state regulations released on 04.JAN.2023. Pass/Fail results do not use uncertainty, but is available upon request. The product represented has been tested by Phyto-farma Labs using validated scientific methodologies. Note action levels are state determined thresholds for human safety and consumption. Acronym Definitions: ND - Not Detected, LOQ - Limit of Quantification, ULOQ - Upper Limit of Quantification; are terms used to describe the reliably measured smallest and largest concentrations. <LOQ\* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units. Cannabis Product Sampling SOP# SOP.T.20.010.

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 02/07/2024

**Method:** NY.SOP.T.40.260

**Analyst:** Stephanie Knapp

**Date started:** 02/05/2024 03:19 PM

| Analyte                                    | Result (%w/w) | LOQ (µg/mL) | Result (mg/serving) |
|--|---------------|-------------|---------------------|
| Cannabichromene (CBC)                      | <LOQ          | 0.5         | <LOQ                |
| Cannabidiol (CBD)                          | <LOQ          | 0.5         | <LOQ                |
| Cannabidivarin (CBDV)                      | <LOQ          | 0.5         | <LOQ                |
| Cannabigerol (CBG)                         | 0.07          | 0.5         | 0.34                |
| Cannabigerolic acid (CBGA)                 | 1.11          | 0.5         | 5.53                |
| Cannabinadiolic acid (CBDA)                | 0.1           | 0.5         | 0.52                |
| Cannabinol (CBN)                           | <LOQ          | 0.5         | <LOQ                |
| Tetrahydrocannabinolic acid (THCA)         | 24.05         | 0.5         | 120.24              |
| Tetrahydrocannabivarin (THCV)              | <LOQ          | 0.5         | <LOQ                |
| Tetrahydrocannabivarinic Acid (THCVA)      | 0.08          | 0.5         | 0.38                |
| Δ10-THC-RR                                 | <LOQ          | 0.5         | <LOQ                |
| Δ10-THC-RS                                 | <LOQ          | 0.5         | <LOQ                |
| Δ8-THC                                     | 3.2           | 0.5         | 16                  |
| Δ9-THC                                     | 0.12          | 0.5         | 0.58                |
| Total Active Cannabidiol (CBD)             | 0.09          | -           | 0.46                |
| Total Active Cannabigerol (CBG)            | 1.04          | -           | 5.2                 |
| Total Active Tetrahydrocannabinol (THC)    | 24.41         | -           | 122.03              |
| Total Active Tetrahydrocannabivarin (THCV) | 0.07          | -           | 0.33                |
| Total Active Cannabinoids                  | 25.61         | -           | 128.02              |

*Note: Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA); Total Active THCVA = THCVA + (0.867 x THCVA)*

Analyzed by HPLC

# Certificate Of Analysis

## Terpenes

**Date analyzed:** 02/07/2024

**Method:** NY.SOP.T.40.090

**Analyst:** Lucia Orellana

**Date started:** 02/05/2024 10:18 AM

| Analyte             | Result (%w/w) | LOQ  |
|---------------------|---------------|------|
| 3-Carene            | <LOQ          | 0.02 |
| alpha-Bisabolol     | <LOQ          | 0.02 |
| alpha-Humulene      | 0.18          | 0.03 |
| alpha-Phellandrene  | <LOQ          | 0.03 |
| alpha-Pinene        | <LOQ          | 0.02 |
| alpha-Terpinene     | <LOQ          | 0.01 |
| alpha-Terpineol     | <LOQ          | 0.02 |
| beta-Myrcene        | 0.06          | 0.03 |
| beta-Pinene         | <LOQ          | 0.03 |
| Borneol             | <LOQ          | 0.02 |
| Camphene            | <LOQ          | 0.02 |
| Camphor             | <LOQ          | 0.02 |
| Caryophyllene oxide | <LOQ          | 0.03 |
| Cedrene             | <LOQ          | 0.02 |
| Cedrol              | <LOQ          | 0.03 |
| cis-Nerolidol       | <LOQ          | 0.03 |
| cis-Ocimene         | <LOQ          | 0.03 |
| Eucalyptol          | <LOQ          | 0.04 |
| Farnesene           | <LOQ          | 0.04 |
| Fenchol             | <LOQ          | 0.02 |
| Fenchone            | <LOQ          | 0.03 |
| gamma-Terpinene     | <LOQ          | 0.02 |
| gamma-Terpineol     | <LOQ          | 0.02 |
| Geraniol            | <LOQ          | 0.02 |
| Geranyl Acetate     | <LOQ          | 0.03 |



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|                     |      |                            |
|---------------------|------|----------------------------|
| Guaiol              | <LOQ | 0.03                       |
| Isoborneol          | <LOQ | 0.02                       |
| Isopulegol          | <LOQ | 0.03                       |
| Limonene            | <LOQ | 0.04                       |
| Linalool            | <LOQ | 0.02                       |
| Menthol             | <LOQ | 0.02                       |
| Nerol               | <LOQ | 0.03                       |
| Pulegone            | <LOQ | 0.03                       |
| Sabinene            | <LOQ | 0.02                       |
| Sabinene Hydrate    | <LOQ | 0.02                       |
| Terpinolene         | 0.22 | 0.02                       |
| trans-b-Ocimene     | <LOQ | 0.02                       |
| trans-Caryophyllene | 0.54 | 0.03                       |
| trans-Nerolidol     | <LOQ | 0.04                       |
| Valencene           | <LOQ | 0.03                       |
| TOTAL (%)           | 1    | Overall Status (Pass/Fail) |
| Limit (%)           | 10   | <b>PASS</b>                |

Analyzed by GCMS

V151.12



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# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 02/09/2024

**Method:** NY.SOP.T.40.050

**Analyst:** Moni Kaneti

**Date started:** 02/06/2024 08:30 AM

| Analyte        | Result (µg/g) | LOQ  | Allowable Limit | Pass/Fail |
|----------------|---------------|------|-----------------|-----------|
| Antimony (Sb)  | <LOQ          | 0.13 | 2               | PASS      |
| Arsenic (As)   | <LOQ          | 0.07 | 0.2             | PASS      |
| Cadmium (Cd)   | <LOQ          | 0.06 | 0.3             | PASS      |
| Chromium (Cr)  | <LOQ          | 0.36 | 110             | PASS      |
| Copper (Cu)    | 21.043        | 0.39 | 30              | PASS      |
| Lead (Pb)      | <LOQ          | 0.08 | 0.5             | PASS      |
| Mercury (Hg)   | 0.017         | 0.01 | 0.1             | PASS      |
| Nickel (Ni)    | 1.046         | 0.11 | 5               | PASS      |
| Overall Status |               |      |                 | PASS      |

Analyzed by ICP-MS

V114.36



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## Mycotoxins

**PASS**

**Date analyzed:** 02/07/2024

**Method:** NY.SOP.T.40.180

**Analyst:** Lucia Orellana

**Date started:** 02/05/2024 10:22 AM

| Analyte           | Result (µg/g) | LOQ (µg/g) | Allowable Limit | Pass/Fail |
|-------------------|---------------|------------|-----------------|-----------|
| Aflatoxin B1      | <LOQ          | 0.001      | 0.02            | PASS      |
| Aflatoxin B2      | <LOQ          | 0.002      | 0.02            | PASS      |
| Aflatoxin G1      | <LOQ          | 0.001      | 0.02            | PASS      |
| Aflatoxin G2      | <LOQ          | 0.002      | 0.02            | PASS      |
| Sum of Aflatoxins | 0             | -          | 0.02            | PASS      |
| Ochratoxin A      | <LOQ          | 0.002      | 0.02            | PASS      |
|                   |               |            | Overall Status  | PASS      |

*Analysis Instrument*      30 LC-MS TQ

V141.3

# Certificate Of Analysis

## Pesticides LC

**PASS**

**Date analyzed:** 02/09/2024

**Method:** NY.SOP.T.040.270

**Analyst:** Stephanie Knapp

**Date started:** 02/05/2024 10:31 AM

| Analyte              | Result (µg/g) | LOQ  | Allowable Limit | Pass/Fail |
|----------------------|---------------|------|-----------------|-----------|
| Abamectin            | <LOQ          | 0.02 | 0.5             | PASS      |
| Acephate             | <LOQ          | 0.01 | 0.4             | PASS      |
| Acequinocyl          | <LOQ          | 0.02 | 2               | PASS      |
| Acetamiprid          | <LOQ          | 0.01 | 0.2             | PASS      |
| Aldicarb             | <LOQ          | 0.01 | 0.4             | PASS      |
| Azadirachtin         | <LOQ          | 0.02 | 1               | PASS      |
| Azoxystrobin         | <LOQ          | 0.01 | 0.2             | PASS      |
| Bifenazate           | <LOQ          | 0.01 | 0.2             | PASS      |
| Bifenthrin           | <LOQ          | 0    | 0.2             | PASS      |
| Boscalid             | <LOQ          | 0.01 | 0.4             | PASS      |
| Carbaryl             | <LOQ          | 0.01 | 0.2             | PASS      |
| Carbofuran           | <LOQ          | 0.01 | 0.2             | PASS      |
| Chlorantraniliprole  | <LOQ          | 0.01 | 0.2             | PASS      |
| Chlormequat chloride | <LOQ          | 0.02 | 1               | PASS      |
| Chlorpyrifos         | <LOQ          | 0.01 | 0.2             | PASS      |
| Clofentezine         | <LOQ          | 0.01 | 0.2             | PASS      |
| Daminozide           | <LOQ          | 0    | 1               | PASS      |
| Diazinon             | <LOQ          | 0.01 | 0.2             | PASS      |
| Dichlorvos           | <LOQ          | 0.01 | 1               | PASS      |
| Dimethoate           | <LOQ          | 0.01 | 0.2             | PASS      |
| Dimethomorph         | <LOQ          | 0.01 | 1               | PASS      |
| Ethoprophos          | <LOQ          | 0.01 | 0.2             | PASS      |
| Etofenprox           | <LOQ          | 0    | 0.4             | PASS      |
| Etoxazole            | <LOQ          | 0.01 | 0.2             | PASS      |
| Fenhexamid           | <LOQ          | 0.01 | 1               | PASS      |

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|                       |      |      |     |      |
|-----------------------|------|------|-----|------|
| Fenoxycarb            | <LOQ | 0.01 | 0.2 | PASS |
| Fenpyroximate         | <LOQ | 0    | 0.4 | PASS |
| Flonicamid            | <LOQ | 0.01 | 1   | PASS |
| Fludioxonil           | <LOQ | 0.02 | 0.4 | PASS |
| Hexythiazox           | <LOQ | 0    | 1   | PASS |
| Imidacloprid          | <LOQ | 0.01 | 0.4 | PASS |
| Indole-3-butyric acid | <LOQ | 0.01 | 1   | PASS |
| Kresoxim methyl       | <LOQ | 0.01 | 0.4 | PASS |
| Malathion             | <LOQ | 0.01 | 0.2 | PASS |
| Metalaxyl             | <LOQ | 0.01 | 0.2 | PASS |
| Methiocarb            | <LOQ | 0    | 0.2 | PASS |
| Methomyl              | <LOQ | 0.01 | 0.4 | PASS |
| Mevinphos             | <LOQ | 0.02 | 1   | PASS |
| MGK-264               | <LOQ | 0.01 | 0.2 | PASS |
| Myclobutanil          | <LOQ | 0.01 | 0.2 | PASS |
| Naled                 | <LOQ | 0    | 0.5 | PASS |
| Oxamyl                | <LOQ | 0.01 | 1   | PASS |
| Paclobutrazol         | <LOQ | 0.01 | 0.4 | PASS |
| Permethrins, Total    | <LOQ | 0.01 | 0.2 | PASS |
| Phosmet               | <LOQ | 0.01 | 0.2 | PASS |
| Piperonyl Butoxide    | <LOQ | 0.01 | 2   | PASS |
| Prallethrin           | <LOQ | 0.01 | 0.2 | PASS |
| Propiconazole         | <LOQ | 0.01 | 0.4 | PASS |
| Propoxur              | <LOQ | 0.01 | 0.2 | PASS |
| Pyrethrins            | <LOQ | 0.01 | 1   | PASS |
| Pyridaben             | <LOQ | 0.01 | 0.2 | PASS |
| Spinetoram, Total     | <LOQ | 0    | 1   | PASS |
| Spinosad, Total       | <LOQ | 0.01 | 0.2 | PASS |
| Spiromesifen          | <LOQ | 0.01 | 0.2 | PASS |
| Spirotetramat         | <LOQ | 0.01 | 0.2 | PASS |
| Spiroxamine           | <LOQ | 0    | 0.2 | PASS |



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|                |      |      |     |             |
|----------------|------|------|-----|-------------|
| Tebuconazole   | <LOQ | 0.01 | 0.4 | <b>PASS</b> |
| Thiacloprid    | <LOQ | 0.01 | 0.2 | <b>PASS</b> |
| Thiamethoxam   | <LOQ | 0.01 | 0.2 | <b>PASS</b> |
| Overall Status |      |      |     | <b>PASS</b> |

Analysis Instrument      30 Agilent LS-MS TQ

V144.9

## Pesticides GC

**PASS**

**Date analyzed:** 02/08/2024      **Method:** NYS.SOP.T.040.271      **Analyst:** Stephanie Knapp

**Date started:** 02/05/2024 10:28 AM

| Analyte                 | Result (µg/g) | LOQ (µg/g) | Allowable Limit | Pass/Fail   |
|-------------------------|---------------|------------|-----------------|-------------|
| Captan                  | <LOQ          | 0.3        | 1               | <b>PASS</b> |
| Chlordane               | <LOQ          | 0.07       | 1               | <b>PASS</b> |
| Chlorfenapyr            | <LOQ          | 0.1        | 1               | <b>PASS</b> |
| Coumaphos               | <LOQ          | 0.19       | 1               | <b>PASS</b> |
| Cyfluthrin              | <LOQ          | 0.11       | 1               | <b>PASS</b> |
| Cypermethrin            | <LOQ          | 0.24       | 1               | <b>PASS</b> |
| Fipronil                | <LOQ          | 0.17       | 0.4             | <b>PASS</b> |
| Imazalil                | <LOQ          | 0.17       | 0.2             | <b>PASS</b> |
| Methyl parathion        | <LOQ          | 0.09       | 0.2             | <b>PASS</b> |
| Pentachloronitrobenzene | <LOQ          | 0.17       | 1               | <b>PASS</b> |
| Trifloxystrobin         | <LOQ          | 0.11       | 0.2             | <b>PASS</b> |
| Overall Status          |               |            |                 | <b>PASS</b> |

Analysis Instrument      141 GC/TQ

V177.8



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# Certificate Of Analysis

## Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)

**PASS**

Date analyzed: 02/08/2024

Method: NYS.SOP.T.40.273

Analyst: Kristy Lee

Date started: 02/06/2024 03:19 PM

| Microbial Species                      | Microbial Type | Detection Status | Pass/Fail |
|--|----------------|------------------|-----------|
| Shiga toxin-producing Escherichia coli | Bacteria       | Not Detected     | PASS      |
| Salmonella species                     | Bacteria       | Not Detected     | PASS      |
| Aspergillus flavus                     | Fungal         | Not Detected     | PASS      |
| Aspergillus niger                      | Fungal         | Not Detected     | PASS      |
| Aspergillus terreus                    | Fungal         | Not Detected     | PASS      |
| Aspergillus fumigatus                  | Fungal         | Not Detected     | PASS      |
|  |                | Overall Status   | PASS      |

Analysis Instrument

125 Agilent AriaMx Real-time PCR System

V182.2

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 02/08/2024

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 02/07/2024 03:50 PM

| Result (CFU/g) | LOQ | Allowable Limit | Pass/Fail |
|----------------|-----|-----------------|-----------|
| 11000000       | 5   | N/A             | PASS      |

Analysis Instrument

87 Colony Counter

V149.7



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## Microbial Impurities (Total Yeast and Mold/CDP-YMR)

**PASS**

Date analyzed: 02/09/2024

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 02/08/2024 04:40 PM

| Microbial Species    | Result (cfu/g) | LOQ               | Allowable Limit | Pass/Fail |
|----------------------|----------------|-------------------|-----------------|-----------|
| Mold Count           | 200000         | 5                 | N/A             | PASS      |
| Yeast Count          | <LOQ           | 5                 | N/A             | PASS      |
| Total Yeast and Mold | 200000         |                   | N/A             | PASS      |
|                      |                |                   | Overall Status  | PASS      |
| Analysis Instrument  |                | 87 Colony Counter |                 |           |

V150.9

## Filth and Foreign Material

**PASS**

Date analyzed: 02/05/2024

Method: NYS.SOP.T.040.250

Analyst: Destiny Ribadeneyra

Date started: 02/05/2024 11:17 AM

| Analyte                    | Result | LOQ | Allowable Limit | Pass/Fail |
|----------------------------|--------|-----|-----------------|-----------|
| Mammalian excreta (mg/lb)  | 0      | 0   | 1               | PASS      |
| Stems >3mm in diameter (%) | 0      | 0   | 5               | PASS      |
| Other Foreign Material (%) | 0      | 0   | 2               | PASS      |
|                            |        |     | Overall Status  | PASS      |

V142.8



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# Certificate Of Analysis

## Moisture Content

**PASS**

**Date analyzed:** 02/08/2024

**Method:** NY.SOP.T.040.220

**Analyst:** Lucia Orellana

**Date started:** 02/06/2024 04:45 PM

| Result (%) | LOQ | Allowable Limit | Pass/Fail   |
|------------|-----|-----------------|-------------|
| 13.1       | 0.0 | 5.0 - 15.0      | <b>PASS</b> |

*Analysis Instrument*

*4 Moisture Balance*

V140.31

## Water Activity

**PASS**

**Date analyzed:** 02/08/2024

**Method:** NY.SOP.T.040.210

**Analyst:** Destiny Ribadeneyra

**Date started:** 02/06/2024 04:44 PM

| Result (Aw) | LOQ  | Allowable Limit | Pass/Fail   |
|-------------|------|-----------------|-------------|
| 0.42        | 0.25 | 0.65            | <b>PASS</b> |

*Analyzed by Water Activity Meter*

V131.63

Sample Comment: N/A

*Alicia Caruso-Thomas*

Alicia Caruso-Thomas  
 Laboratory Director  
 02/09/2024