**Mill Lane Chemist**
Address: 6309 Mill Lane, Brooklyn, NY 11234
Contact Name: Craig Sheikowitz
Contact Phone:
License #: OCM-PROC-24-000034
Sample ID: 5254

Phyto-Farma Labs
a Smithers company

# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

**Certificate:** 5254.1

## Chemdawg

**Lot #:** HH-CD-0724-001
**Sample ID:** 5254
**Regulatory Category:** Adult Use
**Received:** 06/27/2024
**Sampling Location:** West Babylon, NY

**Lot Size:** 1
**Sample Type:** Flower
**Amount Received:** 1
**Sample Collected:** 06/26/2024 12:00 AM
**Published:** 07/03/2024


## COMPLIANCE FOR RETAIL

| | | |
|---|---|---|
| Cannabinoid Profile: Pass | Terpenes Total: Pass | Residual Solvents: Not Tested |
| Pesticides: Pass | Mycotoxins: Pass | Water Activity: Pass |
| Trace Metals: Pass | Microbial Contaminants: Pass | Moisture Analysis: Pass |
| | Filth & Foreign: Pass | |

**Pass**
Sample Status

**24.2%**
Total THC

**0.0540%**
Total CBD

**25.5 %**
Total Cannabinoids

**Report Notes:** N/A

**Alicia Caruso-Thomas**
Laboratory Director

07/03/2024
Alicia Caruso-Thomas

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PJLA Testing
Accreditation #:121747

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## Average Cannabinoid Profile

**Pass**

## Sample Analysis

**Date:** 07/01/2024 05:05 PM
**SOP:** NY.SOP.T.40.260
**Analyzed By:** HPLC
**Sample Weight:** N/A
**Analyst:** Stephanie Knapp

| Analyte | LOQ (%) | Average % (w/w) | mg/serving | Homogeneity† |
|---|---|---|---|---|
| Total Tetrahydrocannabinol (THC) | - | 24.2 | 242 | |
| Tetrahydrocannabinolic acid (THCA) | 0.500 | 20.1 | 201 | |
| Δ8-THC | 0.500 | 0.0389 | 0.389 | |
| Δ9-THC | 0.500 | 6.48 | 64.8 | |
| Δ10-THC-RS | 0.500 | <LOQ | <LOQ | |
| Δ10-THC-RR | 0.500 | 0.0492 | 0.492 | |
| Total Cannabidiol (CBD) | - | 0.0540 | 0.540 | |
| Cannabinadiolic acid (CBDA) | 0.500 | 0.0616 | 0.616 | |
| Cannabidiol (CBD) | 0.500 | <LOQ | <LOQ | |
| Total Active Tetrahydrocannabivarin (THCV) | - | 0.120 | 1.20 | |
| Tetrahydrocannabivarinic acid (THCVA)* | 0.500 | 0.101 | 1.01 | |
| Tetrahydrocannabivarin (THCV) | 0.500 | 0.0322 | 0.322 | |
| Total Active Cannabigerol (CBG) | - | 1.12 | 11.2 | |
| Cannabigerolic acid (CBGA) | 0.500 | 0.998 | 9.98 | |
| Cannabigerol (CBG) | 0.500 | 0.240 | 2.40 | |
| Cannabidivarin (CBDV) | 0.500 | <LOQ | <LOQ | |
| Cannabinol (CBN) | 0.500 | <LOQ | <LOQ | |
| Cannabichromene (CBC) | 0.500 | 0.0729 | 0.729 | |

| Cannabinoid Totals | Actual % (w/w) | mg/serving | Homogeneity† |
|---|---|---|---|
| Total Cannabinoids | 25.5 | 255 | |

*** Analyte is not included in ISO 17025 scope of accreditation**
**† Concentration of individual samples must be ±25% of the mean concentration**
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 THCV = THCV + (0.867 x THCVA);

Serving Weight: 1 g

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# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

**Certificate:** 5254.1

## Terpene Total

**Pass (2.280%)**

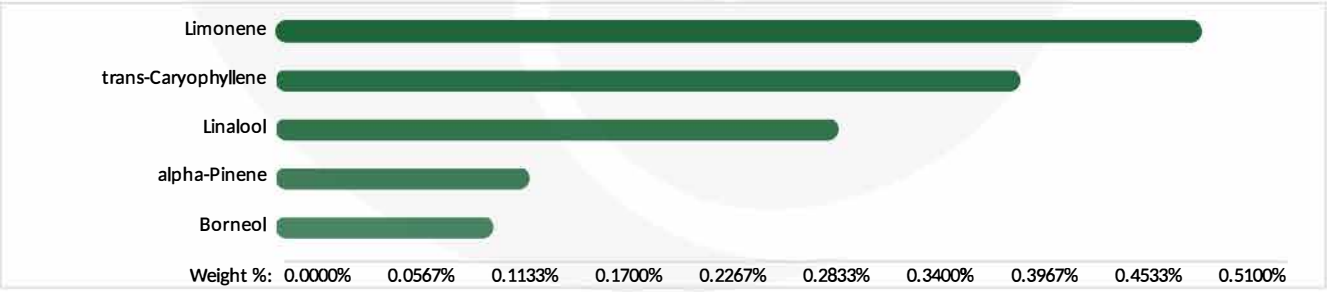
## Sample Analysis

**Date:** 07/03/2024 12:04 PM
**SOP:** NY.SOP.T.40.090
**Sample Weight:** 0.2028 g
**Analyzed By:** GC-MS
**Analyst:** Destiny Ribadeneyra

| Analyte | LOQ (%) | Results (%) |
|---|---|---|
| 3-Carene | 0.0004200 | <LOQ |
| alpha-Bisabolol | 0.0005000 | 0.06000 |
| alpha-Humulene | 0.0005600 | 0.1100 |
| alpha-Phellandrene | 0.0006600 | <LOQ |
| alpha-Pinene | 0.0004800 | 0.1400 |
| alpha-Terpinene | 0.0002600 | <LOQ |
| alpha-Terpineol | 0.0003400 | 0.09000 |
| beta-Myrcene | 0.0006400 | 0.03000 |
| beta-Pinene | 0.0006600 | 0.09000 |
| Borneol | 0.0004600 | 0.1200 |
| Camphene | 0.0004400 | 0.01000 |
| Camphor | 0.0004000 | <LOQ |
| Caryophyllene oxide | 0.0005800 | 0.01000 |
| Cedrene | 0.0004400 | <LOQ |
| Cedrol | 0.0005600 | <LOQ |
| cis-Nerolidol | 0.0006800 | 0.02000 |
| cis-Ocimene | 0.0005200 | <LOQ |
| Eucalyptol | 0.0007200 | <LOQ |
| Farnesene | 0.0008400 | 0.03000 |
| Fenchone | 0.0005000 | 0.01000 |

| Analyte | LOQ (%) | Results (%) |
|---|---|---|
| gamma-Terpinene | 0.0004400 | <LOQ |
| gamma-Terpineol | 0.0003000 | <LOQ |
| Geraniol | 0.0004800 | 0.01000 |
| Geranyl acetate | 0.0006200 | <LOQ |
| Guaiol | 0.0006000 | 0.01000 |
| Isoborneol | 0.0003400 | 0.02000 |
| Isopulegol | 0.0006600 | <LOQ |
| Limonene | 0.0007400 | 0.5100 |
| Linalool | 0.0004600 | 0.3100 |
| Menthol | 0.0004600 | <LOQ |
| Nerol | 0.0005000 | <LOQ |
| Pulegone (+) | 0.0005600 | <LOQ |
| Sabinene | 0.0003400 | 0.09000 |
| Sabinene Hydrate | 0.0004200 | <LOQ |
| Terpinolene | 0.0005000 | <LOQ |
| trans-b-Ocimene | 0.0004200 | 0.03000 |
| trans-Caryophyllene | 0.0006600 | 0.4100 |
| trans-Nerolidol | 0.0007200 | 0.05000 |
| Valencene | 0.0005600 | 0.05000 |

| Terpene Totals | % | Pass/Fail |
|---|---|---|
| Total Terpenes | 2.280 | PASS |

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# CERTIFICATE OF ANALYSIS

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**Certificate:** 5254.1

## Trace Metals

**Pass**

### Sample Analysis

**Date:** 07/03/2024 09:30 AM
**SOP:** NY.SOP.T.40.050
**Analyzed By:** ICP-MS
**Sample Weight:** 0.1263 g
**Analyst:** Moni Kaneti

| Analyte | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|---|---|---|---|---|
| Antimony (Sb)* | 0.130 | 2.00 | <LOQ | PASS |
| Arsenic (As)* | 0.0700 | 0.200 | <LOQ | PASS |
| Cadmium (Cd)* | 0.0600 | 0.300 | <LOQ | PASS |
| Chromium (Cr)* | 0.360 | 110 | <LOQ | PASS |
| Copper (Cu)* | 0.390 | 30.0 | 7.05 | PASS |
| Lead (Pb)* | 0.0800 | 0.500 | <LOQ | PASS |
| Mercury (Hg)* | 0.0100 | 0.100 | <LOQ | PASS |
| Nickel (Ni)* | 0.110 | 5.00 | <LOQ | PASS |

*** Analyte is not included in ISO 17025 scope of accreditation**

## Mycotoxin Analysis

**Pass**

### Sample Analysis

**Date:** 07/02/2024 03:53 PM
**SOP:** NY.SOP.T.40.180
**Analyzed By:** LC-MS/MS
**Sample Weight:** 0.1 g
**Analyst:** Destiny Ribadeneyra

| Analyte | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|---|---|---|---|---|
| Sum of Aflatoxins | - | 0.020 | 0 | PASS |
| Aflatoxin B1 | 0.0010 | 0.020 | <LOQ | PASS |
| Aflatoxin B2 | 0.0020 | 0.020 | <LOQ | PASS |
| Aflatoxin G1 | 0.0010 | 0.020 | <LOQ | PASS |
| Aflatoxin G2 | 0.0020 | 0.020 | <LOQ | PASS |
| Ochratoxin A | 0.0020 | 0.020 | <LOQ | PASS |

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# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

**Certificate:** 5254.1

## Pesticides LC

**Pass**

## Sample Analysis

**Date:** 07/02/2024 04:05 PM
**SOP:** NY.SOP.T.040.270
**Analyzed By:** LC-MS/MS
**Sample Weight:** 1 g
**Analyst:** Destiny Ribadeneyra

| Analyte | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|---|---|---|---|---|
| Abamectin* | 0.0180 | 0.500 | <LOQ | PASS |
| Acephate* | 0.00700 | 0.400 | <LOQ | PASS |
| Acequinocyl* | 0.0160 | 2.00 | <LOQ | PASS |
| Acetamiprid* | 0.00500 | 0.200 | <LOQ | PASS |
| Aldicarb* | 0.00500 | 0.400 | <LOQ | PASS |
| Azadirachtin* | 0.0220 | 1.00 | <LOQ | PASS |
| Azoxystrobin* | 0.00600 | 0.200 | <LOQ | PASS |
| Bifenazate* | 0.00600 | 0.200 | <LOQ | PASS |
| Bifenthrin* | 0.00300 | 0.200 | <LOQ | PASS |
| Boscalid* | 0.0110 | 0.400 | <LOQ | PASS |
| Carbaryl* | 0.00600 | 0.200 | <LOQ | PASS |
| Carbofuran* | 0.00500 | 0.200 | <LOQ | PASS |
| Chlorantraniliprole* | 0.00600 | 0.200 | <LOQ | PASS |
| Chlormequat chloride* | 0.0190 | 1.00 | <LOQ | PASS |
| Chlorpyrifos* | 0.00900 | 0.200 | <LOQ | PASS |
| Clofentezine* | 0.0100 | 0.200 | <LOQ | PASS |
| Daminozide* | 0.00400 | 1.00 | <LOQ | PASS |
| Diazinon* | 0.00700 | 0.200 | <LOQ | PASS |
| Dichlorvos* | 0.0120 | 1.00 | <LOQ | PASS |
| Dimethoate* | 0.00600 | 0.200 | <LOQ | PASS |
| Dimethomorph* | 0.00500 | 1.00 | <LOQ | PASS |
| Ethoprophos* | 0.0130 | 0.200 | <LOQ | PASS |
| Etofenprox* | 0.00300 | 0.400 | <LOQ | PASS |
| Etoxazole* | 0.00500 | 0.200 | <LOQ | PASS |
| Fenhexamid* | 0.0150 | 1.00 | <LOQ | PASS |
| Fenoxycarb* | 0.0110 | 0.200 | <LOQ | PASS |
| Fenpyroximate* | 0.00200 | 0.400 | <LOQ | PASS |
| Flonicamid* | 0.00700 | 1.00 | <LOQ | PASS |
| Fludioxonil* | 0.0170 | 0.400 | <LOQ | PASS |
| Hexythiazox* | 0.00500 | 1.00 | <LOQ | PASS |

| Analyte | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|---|---|---|---|---|
| Imidacloprid* | 0.00800 | 0.400 | <LOQ | PASS |
| Indole-3-butyric acid* | 0.00700 | 1.00 | <LOQ | PASS |
| Kresoxim methyl* | 0.0120 | 0.400 | <LOQ | PASS |
| Malathion* | 0.0110 | 0.200 | <LOQ | PASS |
| Metalaxyl* | 0.0120 | 0.200 | <LOQ | PASS |
| Methiocarb* | 0.00400 | 0.200 | <LOQ | PASS |
| Methomyl* | 0.0120 | 0.400 | <LOQ | PASS |
| Mevinphos* | 0.0190 | 1.00 | <LOQ | PASS |
| MGK-264* | 0.0110 | 0.200 | <LOQ | PASS |
| Myclobutanil* | 0.0130 | 0.200 | <LOQ | PASS |
| Naled* | 0.00500 | 0.500 | <LOQ | PASS |
| Oxamyl* | 0.00800 | 1.00 | <LOQ | PASS |
| Paclobutrazol* | 0.0150 | 0.400 | <LOQ | PASS |
| Permethrins, Total* | 0.00900 | 0.200 | <LOQ | PASS |
| Phosmet* | 0.00700 | 0.200 | <LOQ | PASS |
| Piperonyl Butoxide* | 0.00600 | 2.00 | <LOQ | PASS |
| Prallethrin* | 0.00800 | 0.200 | <LOQ | PASS |
| Propiconazole* | 0.00600 | 0.400 | <LOQ | PASS |
| Propoxur* | 0.00800 | 0.200 | <LOQ | PASS |
| Pyrethrins* | 0.0140 | 1.00 | <LOQ | PASS |
| Pyridaben* | 0.00600 | 0.200 | <LOQ | PASS |
| Spinetoram, Total* | 0.00500 | 1.00 | <LOQ | PASS |
| Spinosad, Total* | 0.00600 | 0.200 | <LOQ | PASS |
| Spiromesifen* | 0.0130 | 0.200 | <LOQ | PASS |
| Spirotetramat* | 0.00600 | 0.200 | <LOQ | PASS |
| Spiroxamine* | 0.00400 | 0.200 | <LOQ | PASS |
| Tebuconazole* | 0.0120 | 0.400 | <LOQ | PASS |
| Thiacloprid* | 0.00800 | 0.200 | <LOQ | PASS |
| Thiamethoxam* | 0.00800 | 0.200 | <LOQ | PASS |

*** Analyte is not included in ISO 17025 scope of accreditation**

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# CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

**Certificate:** 5254.1

## Pesticides GC

**Pass**

### Sample Analysis

**Date:** 07/03/2024 08:56 PM
**Analyzed By:** GC-MS/MS
**Analyst:** Destiny Ribadeneyra
**SOP:** NYS.SOP.T.040.271
**Sample Weight:** N/A

| Analyte | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|---|---|---|---|---|
| Captan* | 0.300 | 1.00 | <LOQ | PASS |
| Chlordane* | 0.0700 | 1.00 | <LOQ | PASS |
| Chlorfenapyr* | 0.100 | 1.00 | <LOQ | PASS |
| Coumaphos* | 0.190 | 1.00 | <LOQ | PASS |
| Cyfluthrin* | 0.110 | 1.00 | <LOQ | PASS |
| Cypermethrin* | 0.240 | 1.00 | <LOQ | PASS |
| Fipronil* | 0.170 | 0.400 | <LOQ | PASS |
| Imazalil* | 0.170 | 0.200 | <LOQ | PASS |
| Methyl parathion* | 0.0900 | 0.200 | <LOQ | PASS |
| Pentachloronitrobenzene* | 0.170 | 1.00 | <LOQ | PASS |
| Trifloxystrobin* | 0.110 | 0.200 | <LOQ | PASS |

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**Certificate:** 5254.1

## Microbial Impurities - MDG

**Pass**

### Sample Analysis

**Date:** 07/03/2024 08:45 AM **SOP:** NYS.SOP.T.40.273

**Analyzed By:** PCR

**Analyst:** Kristy Lee

| Analyte | Microbial Type | LOQ (CFU/g) | Allowable Limit | Results | Pass/Fail |
|---|---|---|---|---|---|
| Shiga toxin-producing Escherichia coli | Bacterial | 1 | Not Detected | Not Detected | PASS |
| Salmonella species | Bacterial | 1 | Not Detected | Not Detected | PASS |
| Aspergillus flavus | Fungal | 1 | Not Detected | Not Detected | PASS |
| Aspergillus niger | Fungal | 1 | Not Detected | Not Detected | PASS |
| Aspergillus terreus | Fungal | 1 | Not Detected | Not Detected | PASS |
| Aspergillus fumigatus | Fungal | 1 | Not Detected | Not Detected | PASS |

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## Microbial Impurities - TAPC

**Pass**

### Sample Analysis

**Date:** 06/28/2024 06:05 PM **SOP:** NYS.SOP.T.040.200

**Analyzed By:** Plating

**Analyst:** Lindsey Vento

| Analyte | LOQ (CFU/g) | Action Limit (CFU/g) | Results (CFU/g) | Pass/Fail |
|---|---|---|---|---|
| Total Aerobic Bacteria/CDP-TC | 5 | N/A | <LOQ | PASS |

## Microbial Impurities - TYMC

**Pass**

### Sample Analysis

**Date:** 07/01/2024 04:54 PM **SOP:** NYS.SOP.T.040.200

**Analyzed By:** Plating

**Analyst:** Kristy Lee

| Analyte | LOQ (CFU/g) | Action Limit (CFU/g) | Results (CFU/g) | Pass/Fail |
|---|---|---|---|---|
| Total Yeast and Mold | 5 | N/A | <LOQ | PASS |
| Mold Count | 5 | N/A | <LOQ | PASS |
| Yeast Count | 5 | N/A | <LOQ | PASS |

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# CERTIFICATE OF ANALYSIS

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**Certificate:** 5254.1

## Foreign Matter

**Pass**

### Sample Analysis

**Date:** 06/28/2024 12:32 PM **SOP:** NYS.SOP.T.040.250
**Analyzed By:** Microscopy
**Analyst:** Stephanie Knapp

| Analyte | LOQ | Action Limit | Results | Pass/Fail |
|---|---|---|---|---|
| Mammalian excreta (mg/lb) | 0 | 1.0 | 0 | PASS |
| Stems >3mm in diameter (%) | 0 | 5.0 | 0 | PASS |
| Other Foreign Material (%) | 0 | 2.0 | 0 | PASS |

## Moisture Content

**Pass**

### Sample Analysis

**Date:** 07/01/2024 05:00 PM **SOP:** NY.SOP.T.040.220
**Analyzed By:** Moisture Balance
**Analyst:** Stephanie Knapp

| Analyte | LOQ (%) | Action Limit (%) | Results (%) | Pass/Fail |
|---|---|---|---|---|
| Moisture Content | 0.0 | 5.0 - 15.0 | 13.2 | PASS |

## Water Activity

**Pass**

### Sample Analysis

**Date:** 07/01/2024 04:58 PM **SOP:** NY.SOP.T.040.210
**Analyzed By:** Water Activity Meter
**Analyst:** Stephanie Knapp

| Analyte | LOQ (Aw) | Action Limit (Aw) | Results (Aw) | Pass/Fail |
|---|---|---|---|---|
| Water Activity | 0.25 | 0.65 | 0.58 | PASS |

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