



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

| | |
|--|------|
| Cannabinoids Profile | |
| Filth and Foreign Material | 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 |
| Moisture Content | PASS |
| Mycotoxins | PASS |
| Pesticides | PASS |
| Pesticides cont. | PASS |
| Trace Metals | PASS |
| Water Activity | PASS |

Client Name: NYHO Labs LLC
Contact Name: Michael Stoker
Address: 185 Main St
Cortland, NY 13045
Phone: 607-821-1182
License Number: OCM-AUCP-22-000003

Sample Description: Black Scotti

Lot Number: WF00117

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: whole flower

Sampling Site: 37 Huntington St, Cortland NY 13045

Sampling Date and Time: 12/04/2023 10:57 AM

Certificate Of Analysis

Cannabinoids Profile

Date analyzed: 12/08/2023

Method: NY.SOP.T.40.260

Analyst: Moni Kaneti

Date started: 12/06/2023 08:30 AM

| Analyte | Result (%w/w) | LOQ (%w/w) | mg/serving |
|-------------------------------------|---------------|------------|------------|
| Δ8-THC† | <LOQ | 0.02 | <LOQ |
| Δ9-THC† | <LOQ | 0.02 | <LOQ |
| Δ10-THC-RS† | <LOQ | 0.02 | <LOQ |
| Δ10-THC-RR† | <LOQ | 0.02 | <LOQ |
| Tetrahydrocannabinolic acid (THCA)† | 28.95 | 0.02 | 289.5 |
| Tetrahydrocannabivarin (THCV) | <LOQ | 0.02 | <LOQ |
| Cannabidiol (CBD)* | <LOQ | 0.02 | <LOQ |
| Cannabinadiolic acid (CBDA)* | <LOQ | 0.02 | <LOQ |
| Cannabidivarin (CBDV) | <LOQ | 0.02 | <LOQ |
| Cannabinol (CBN) | <LOQ | 0.02 | <LOQ |
| Cannabigerol (CBG) | <LOQ | 0.02 | <LOQ |
| Cannabigerolic acid (CBGA) | 1.75 | 0.02 | 17.5 |
| Cannabichromene (CBC) | <LOQ | 0.02 | <LOQ |
| †Total Tetrahydrocannabinol (THC) | 25.39 | N/A | 253.89 |
| *Total Cannabidiol (CBD) | 0 | N/A | 0 |

Analysis Instrument

3 HPLC

V125.32

Certificate Of Analysis

Filth and Foreign Material

PASS

Date analyzed: 12/11/2023

Method: NYS.SOP.T.040.250

Analyst: Moni Kaneti

Date started: 12/08/2023 03:31 PM

| 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 |

Analysis Instrument

129 Bonvoisin Lab Analytical Electronic Balance 1

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

PASS

Date analyzed: 12/07/2023

Method: NYS.SOP.T.40.273

Analyst: Lindsey Vento

Date started: 12/05/2023 12:58 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

Certificate Of Analysis

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 12/08/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/05/2023 12:55 PM

| Result (CFU/g) | LOQ | Allowable Limit | Pass/Fail |
|----------------|-----|-----------------|-------------|
| 1100000 | 5 | N/A | PASS |

Analysis Instrument

87 Colony Counter

V149.7

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

PASS

Date analyzed: 12/11/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/05/2023 12:56 PM

| Microbial Species | Result (cfu/g) | LOQ | Allowable Limit | Pass/Fail |
|----------------------|----------------|-----|-----------------|-------------|
| Mold Count | 90000 | 5 | N/A | PASS |
| Yeast Count | 60000 | 5 | N/A | PASS |
| Total Yeast and Mold | 150000 | | N/A | PASS |
| | | | Overall Status | PASS |

Analysis Instrument

87 Colony Counter

V150.9

Certificate Of Analysis

Moisture Content

PASS

Date analyzed: 12/07/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 12/07/2023 03:01 PM

| Result (%) | LOQ | Allowable Limit | Pass/Fail |
|------------|-----|-----------------|-------------|
| 13.2 | 0.0 | 5.0 - 15.0 | PASS |

Analysis Instrument

4 Moisture Balance

V140.28

Mycotoxins

PASS

Date analyzed: 12/11/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 12/06/2023 10:46 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

PASS

Date analyzed: 12/11/2023

Method: NY.SOP.T.040.270

Analyst: Stephanie Knapp

Date started: 12/06/2023 03:38 PM

| 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 |

Certificate Of Analysis

| | | | | |
|-----------------------|------|------|-----|------|
| 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 | PASS |
| Thiacloprid | <LOQ | 0.01 | 0.2 | PASS |
| Thiamethoxam | <LOQ | 0.01 | 0.2 | PASS |
| Overall Status | | | | PASS |

Analysis Instrument 30 Agilent LS-MS TQ

V144.9

Pesticides cont.

PASS

Date analyzed: 12/11/2023 **Method:** NYS.SOP.T.040.271 **Analyst:** Destiny Ribadeneyra
Date started: 12/06/2023 03:38 PM

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

Analysis Instrument 141 GC/TQ

V177.7

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

Trace Metals

PASS

Date analyzed: 12/11/2023

Method: NY.SOP.T.40.050

Analyst: Moni Kaneti

Date started: 12/11/2023 08:44 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) | 0.291 | 0.06 | 0.3 | PASS |
| Chromium (Cr) | <LOQ | 0.36 | 110 | PASS |
| Copper (Cu) | 16.868 | 0.39 | 30 | PASS |
| Lead (Pb) | <LOQ | 0.08 | 0.5 | PASS |
| Mercury (Hg) | <LOQ | 0.01 | 0.1 | PASS |
| Nickel (Ni) | 0.544 | 0.11 | 5 | PASS |
| Overall Status | | | | PASS |

Analyzed by ICP-MS

V114.33

Water Activity

PASS

Date analyzed: 12/07/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 12/06/2023 08:57 AM

| Result (Aw) | LOQ | Allowable Limit | Pass/Fail |
|-------------|------|-----------------|-----------|
| 0.43 | 0.25 | 0.65 | PASS |

Analysis Instrument

103 Aqualab TDL 2

V131.60

Sample Comment: N/A



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Alicia Caruso-Thomas

Alicia Caruso-Thomas
Laboratory Director
12/11/2023