



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

Compliance

# Certificate Of Analysis

**Client Name:** NG Growers Inc. dba Nanticoke Gardens

**Address:** 1543 Union Center Maine Highway  
Endicott, NY 13760

**Phone:** 607-754-5008

**License Number:** OCM-AUCC-22-000079

**Sample Description:** Trainwreck

**Lot Number:** 100821PR

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

## Results Summary

|                                                          |      |
|----------------------------------------------------------|------|
| Average Cannabinoid Profile                              |      |
| Microbial Impurities (CDP-TC)                            | PASS |
| Microbial Impurities (CDP-YMR)                           | PASS |
| Microbial Impurities (PdX for STEC, Salmonella, Asp sp.) | PASS |
| Moisture Content                                         | PASS |
| Mycotoxins                                               | PASS |
| Pesticides                                               | PASS |
| Trace Metals                                             | PASS |

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. 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 are terms used to describe the reliably measured smallest concentrations. LOQ\* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units.

v28.1

# Certificate Of Analysis

Water Activity

PASS

## Average Cannabinoid Profile

Date analyzed: 03/31/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

| Analyte                                | Average (%w/<br>w) | mg/<br>serving | Standard Deviation (mg/<br>serving) | Homogeneity Pass/<br>Fail* |
|----------------------------------------|--------------------|----------------|-------------------------------------|----------------------------|
| Δ8-THC†                                | <LOQ               | <LOQ           | -                                   | -                          |
| Δ9-THC†                                | <LOQ               | <LOQ           | -                                   | -                          |
| Δ10-THC-RS†                            | <LOQ               | <LOQ           | -                                   | -                          |
| Δ10-THC-RR†                            | <LOQ               | <LOQ           | -                                   | -                          |
| Tetrahydrocannabinolic acid<br>(THCA)† | 20.07              | 200.68         | 3.45                                | -                          |
| Tetrahydrocannabivarin (THCV)          | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabidiol (CBD)                      | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabinadiolic acid (CBDA)            | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabidivarin (CBDV)                  | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabinol (CBN)                       | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabigerol (CBG)                     | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabigerolic acid (CBGA)             | <LOQ               | <LOQ           | -                                   | -                          |
| Cannabichromene (CBC)                  | <LOQ               | <LOQ           | -                                   | -                          |
| †Total Tetrahydrocannabinol (THC)      | 17.6               | 176            | 3.04                                | -                          |

\*Not required for flower products

V158.11



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## Microbial Impurities (CDP-TC)

**PASS**

Date analyzed: 04/06/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

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

Analysis Instrument

87 Colony Counter

V149.7

## Microbial Impurities (CDP-YMR)

**PASS**

Date analyzed: 04/03/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

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

Analysis Instrument

87 Colony Counter

V150.9

# Certificate Of Analysis

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

**PASS**

Date analyzed: 04/05/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

| Microbial Species                 | Microbial Type | Detection Status | Pass/Fail |
|-----------------------------------|----------------|------------------|-----------|
| Escherichia coli specific gene    | Bacteria       | Not Detected     | PASS      |
| Escherichia coli/Shigella species | Bacteria       | Not Detected     | PASS      |
| Salmonella species                | Bacteria       | Not Detected     | PASS      |
| stx1 gene (Shiga Toxin Gene 1)    | Bacteria       | Not Detected     | PASS      |
| stx2 gene (Shiga Toxin Gene 2)    | 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

PathogenDX-Sensovation AG 33

V133.11

## Moisture Content

**PASS**

Date analyzed: 04/05/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

| Result (%) | LOQ | Allowable Limit | Pass/Fail |
|------------|-----|-----------------|-----------|
| 10.9       | 0.0 | 5.0 - 15.0      | PASS      |

Analysis Instrument

4 Moisture Balance

V140.28

# Certificate Of Analysis

## Mycotoxins

**PASS**

Date analyzed: 04/05/2023

Method: NY.SOP.T.40.180

Analyst: Alicia Caruso-Thomas

| 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

## Pesticides

**PASS**

Date analyzed: 04/05/2023

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

| Analyte               | Result (µg/g) | LOQ  | Allowable Limit | Pass/Fail |
|-----------------------|---------------|------|-----------------|-----------|
| Azadirachtin          | <LOQ          | 0.37 | 1               | PASS      |
| Cinerin I†            | <LOQ          | 0.02 | 1               | PASS      |
| Indole-3-butyric Acid | <LOQ          | 1.26 | 1               | PASS      |
| Jasmolin I†           | <LOQ          | 0.02 | 1               | PASS      |
| Myclobutanil          | <LOQ          | 0.3  | 0.2             | PASS      |
| Piperonyl butoxide    | <LOQ          | 0.21 | 2               | PASS      |
| Pyrethrin I†          | <LOQ          | 0.43 | 1               | PASS      |
| Total Pyrethrins†     | 0             |      | 1               | PASS      |
| Overall Status        |               |      |                 | PASS      |

Analysis Instrument 30 LC-MS TQ

V144.5

# Certificate Of Analysis

## Trace Metals

**PASS**

Date analyzed: 04/06/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

| 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)    | 8.05          | 0.39 | 30              | PASS      |
| Lead (Pb)      | <LOQ          | 0.08 | 0.5             | PASS      |
| Mercury (Hg)   | <LOQ          | 0.01 | 0.1             | PASS      |
| Nickel (Ni)    | <LOQ          | 0.11 | 2               | PASS      |
| Overall Status |               |      |                 | PASS      |

Analysis Instrument

Equipment ID: 1 ICP-MS

## Water Activity

**PASS**

Date analyzed: 04/03/2023

Method: NY.SOP.T.040.210

Analyst: Destiny Ribadeneyra

| Result (Aw) | LOQ  | Allowable Limit | Pass/Fail |
|-------------|------|-----------------|-----------|
| 0.38        | 0.25 | 0.65            | PASS      |

Analysis Instrument

103 Aqualab TDL 2

V131.60

*Alicia Caruso-Thomas*

Alicia Caruso-Thomas  
Laboratory Director  
04/06/2023