



1906 c/o Hudson Valley Hemp Company, LLC  
Address: 67 Pine Wood Rd  
Hudson, NY 12534  
Contact Name: Suvi Freccia  
Contact Phone: 518-567-2247  
License #: OCM-AUCC-22-000064/OCM-AUCP-22-000019  
Sample ID: 5153



**Phyto-Farma Labs**  
a Smithers company

## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5153.1

### Genius Drop Pouch

Lot #: GNS2.5NY24103-P

Sample ID: 5153

Regulatory Category: Adult Use

Received: 06/18/2024

Sampling Location: 67 Pine Wood Rd  
Hudson, NY 12534

Lot Size: 12000

Sample Type: Edible

Amount Received: 32 units

Sample Collected: 06/18/2024 10:56 AM

Published: 06/21/2024



## COMPLIANCE FOR RETAIL

Cannabinoid Profile

**Pass**

Terpenes Total

**Tested**

Residual Solvents

**Pass**

**Pass**  
Sample Status

Pesticides

**Pass**

Mycotoxins

**Pass**

Water Activity

**Pass**

**0.365%**  
Total THC

Trace Metals

**Pass**

Microbial Contaminants

**Pass**

Moisture Analysis

**Not Tested**

**0.354%**  
Total CBD

Filth & Foreign

**Not Tested**

**1.09 %**  
Total Cannabinoids

Report Notes: N/A

Alicia Caruso-Thomas

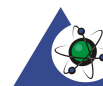
Laboratory Director

06/21/2024

*Alicia Caruso-Thomas*

Phyto-Farma Labs

49 John Hicks Drive  
Warwick, NY 10990  
(845) 988-0937



Accreditation #: 121747

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### Average Cannabinoid Profile

**Pass**

### Sample Analysis

Date: 06/20/2024 04:05 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

| Analyte                                    | LOQ (%) | Average % (w/w) | mg/serving | Homogeneity <sup>†</sup> |
|--------------------------------------------|---------|-----------------|------------|--------------------------|
| Total Tetrahydrocannabinol (THC)           | -       | 0.365           | 2.37       |                          |
| Tetrahydrocannabinolic acid (THCA)         | 0.500   | <LOQ            | <LOQ       |                          |
| Δ8-THC                                     | 0.500   | 0.00484         | 0.0314     |                          |
| Δ9-THC                                     | 0.500   | 0.360           | 2.34       |                          |
| Δ10-THC-RS                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Δ10-THC-RR                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Total Cannabidiol (CBD)                    | -       | 0.354           | 2.30       |                          |
| Cannabinadiolic acid (CBDA)                | 0.500   | <LOQ            | <LOQ       |                          |
| Cannabidiol (CBD)                          | 0.500   | 0.354           | 2.30       |                          |
| Total Active Tetrahydrocannabivarin (THCV) | -       | <LOQ            | <LOQ       |                          |
| Tetrahydrocannabivarinic acid (THCVA)*     | 0.500   | <LOQ            | <LOQ       |                          |
| Tetrahydrocannabivarin (THCV)              | 0.500   | <LOQ            | <LOQ       |                          |
| Total Active Cannabigerol (CBG)            | -       | 0.360           | 2.34       |                          |
| Cannabigerolic acid (CBGA)                 | 0.500   | <LOQ            | <LOQ       |                          |
| Cannabigerol (CBG)                         | 0.500   | 0.360           | 2.34       |                          |
| Cannabidivarin (CBDV)                      | 0.500   | 0.00352         | 0.0228     |                          |
| Cannabinol (CBN)                           | 0.500   | 0.00939         | 0.0610     |                          |
| Cannabichromene (CBC)                      | 0.500   | <LOQ            | <LOQ       |                          |

| Cannabinoid Totals | Actual % (w/w) | mg/serving | Homogeneity <sup>†</sup> |
|--------------------|----------------|------------|--------------------------|
| Total Cannabinoids | 1.09           | 7.09       |                          |

\* 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: 0.649 g

Alicia Caruso-Thomas

06/21/2024

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### Terpene Total

Tested (0.0000%)

### Sample Analysis

Date: 06/21/2024 01:50 PM

SOP: NY.SOPT.40.090

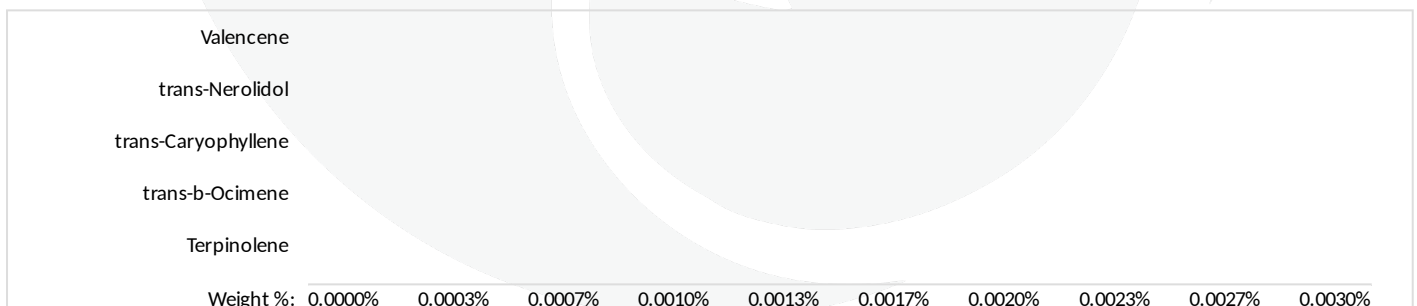
Sample Weight: 0.1746 g

Analyzed By: GC-MS

Analyst: Destiny Ribadeneyra

| Analyte             | LOQ (%)   | Results (%) | Analyte             | LOQ (%)   | Results (%) |
|---------------------|-----------|-------------|---------------------|-----------|-------------|
| 3-Carene            | 0.0004200 | <LOQ        | gamma-Terpinene     | 0.0004400 | <LOQ        |
| alpha-Bisabolol     | 0.0005000 | <LOQ        | gamma-Terpineol     | 0.0003000 | <LOQ        |
| alpha-Humulene      | 0.0005600 | <LOQ        | Geraniol            | 0.0004800 | <LOQ        |
| alpha-Phellandrene  | 0.0006600 | <LOQ        | Geranyl acetate     | 0.0006200 | <LOQ        |
| alpha-Pinene        | 0.0004800 | <LOQ        | Guaial              | 0.0006000 | <LOQ        |
| alpha-Terpinene     | 0.0002600 | <LOQ        | Isoborneol          | 0.0003400 | <LOQ        |
| alpha-Terpineol     | 0.0003400 | <LOQ        | Isopulegol          | 0.0006600 | <LOQ        |
| beta-Myrcene        | 0.0006400 | <LOQ        | Limonene            | 0.0007400 | <LOQ        |
| beta-Pinene         | 0.0006600 | <LOQ        | Linalool            | 0.0004600 | <LOQ        |
| Borneol             | 0.0004600 | <LOQ        | Menthol             | 0.0004600 | <LOQ        |
| Camphene            | 0.0004400 | <LOQ        | Nerol               | 0.0005000 | <LOQ        |
| Camphor             | 0.0004000 | <LOQ        | Pulegone (+)        | 0.0005600 | <LOQ        |
| Caryophyllene oxide | 0.0005800 | <LOQ        | Sabinene            | 0.0003400 | <LOQ        |
| Cedrene             | 0.0004400 | <LOQ        | Sabinene Hydrate    | 0.0004200 | <LOQ        |
| Cedrol              | 0.0005600 | <LOQ        | Terpinolene         | 0.0005000 | <LOQ        |
| cis-Nerolidol       | 0.0006800 | <LOQ        | trans-b-Ocimene     | 0.0004200 | <LOQ        |
| cis-Ocimene         | 0.0005200 | <LOQ        | trans-Caryophyllene | 0.0006600 | <LOQ        |
| Eucalyptol          | 0.0007200 | <LOQ        | trans-Nerolidol     | 0.0007200 | <LOQ        |
| Farnesene           | 0.0008400 | <LOQ        | Valencene           | 0.0005600 | <LOQ        |
| Fenchone            | 0.0005000 | <LOQ        |                     |           |             |

| Terpene Totals | % | Pass/Fail |
|----------------|---|-----------|
| Total Terpenes | 0 | N/A       |



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### Trace Metals

Pass

#### Sample Analysis

Date: 06/20/2024 06:16 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1321 g

Analyst: Moni Kaneti

| Analyte        | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|----------------|------------|---------------------|----------------|-----------|
| Antimony (Sb)* | 0.130      | 120                 | <LOQ           | PASS      |
| Arsenic (As)*  | 0.0700     | 1.50                | 0.231          | PASS      |
| Cadmium (Cd)*  | 0.0600     | 0.500               | <LOQ           | PASS      |
| Chromium (Cr)* | 0.360      | 1100                | 0.474          | PASS      |
| Copper (Cu)*   | 0.390      | 300                 | 6.18           | PASS      |
| Lead (Pb)*     | 0.0800     | 0.500               | 0.0810         | PASS      |
| Mercury (Hg)*  | 0.0100     | 3.00                | <LOQ           | PASS      |
| Nickel (Ni)*   | 0.110      | 20.0                | 1.37           | PASS      |

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

### Mycotoxin Analysis

Pass

#### Sample Analysis

Date: 06/21/2024 08:54 AM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1033 g

Analyst: Stephanie Knapp

| 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: 5153.1

### Pesticides LC

Pass

### Sample Analysis

Date: 06/21/2024 10:47 AM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 g

Analyst: Destiny Ribadeneyra

| Analyte               | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail | Analyte                | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|-----------------------|-----------|--------------------|---------------|-----------|------------------------|-----------|--------------------|---------------|-----------|
| Abamectin*            | 0.0180    | 0.500              | <LOQ          | PASS      | Imidacloprid*          | 0.00800   | 0.400              | <LOQ          | PASS      |
| Acephate*             | 0.00700   | 0.400              | <LOQ          | PASS      | Indole-3-butyric acid* | 0.00700   | 1.00               | <LOQ          | PASS      |
| Acequinocyl*          | 0.0160    | 2.00               | <LOQ          | PASS      | Kresoxim methyl*       | 0.0120    | 0.400              | <LOQ          | PASS      |
| Acetamiprid*          | 0.00500   | 0.200              | <LOQ          | PASS      | Malathion*             | 0.0110    | 0.200              | <LOQ          | PASS      |
| Aldicarb*             | 0.00500   | 0.400              | <LOQ          | PASS      | Metalaxyl*             | 0.0120    | 0.200              | <LOQ          | PASS      |
| Azadirachtin*         | 0.0220    | 1.00               | <LOQ          | PASS      | Methiocarb*            | 0.00400   | 0.200              | <LOQ          | PASS      |
| Azoxystrobin*         | 0.00600   | 0.200              | <LOQ          | PASS      | Methomyl*              | 0.0120    | 0.400              | <LOQ          | PASS      |
| Bifenazate*           | 0.00600   | 0.200              | <LOQ          | PASS      | Mevinphos*             | 0.0190    | 1.00               | <LOQ          | PASS      |
| Bifenthrin*           | 0.00300   | 0.200              | <LOQ          | PASS      | MGK-264*               | 0.0110    | 0.200              | <LOQ          | PASS      |
| Boscalid*             | 0.0110    | 0.400              | <LOQ          | PASS      | Myclobutanil*          | 0.0130    | 0.200              | <LOQ          | PASS      |
| Carbaryl*             | 0.00600   | 0.200              | <LOQ          | PASS      | Naled*                 | 0.00500   | 0.500              | <LOQ          | PASS      |
| Carbofuran*           | 0.00500   | 0.200              | <LOQ          | PASS      | Oxamyl*                | 0.00800   | 1.00               | <LOQ          | PASS      |
| Chlorantraniliprole*  | 0.00600   | 0.200              | <LOQ          | PASS      | Paclobutrazol*         | 0.0150    | 0.400              | <LOQ          | PASS      |
| Chlormequat chloride* | 0.0190    | 1.00               | <LOQ          | PASS      | Permethrins, Total*    | 0.00900   | 0.200              | <LOQ          | PASS      |
| Chlorpyrifos*         | 0.00900   | 0.200              | <LOQ          | PASS      | Phosmet*               | 0.00700   | 0.200              | <LOQ          | PASS      |
| Clofentezine*         | 0.0100    | 0.200              | <LOQ          | PASS      | Piperonyl Butoxide*    | 0.00600   | 2.00               | <LOQ          | PASS      |
| Daminozide*           | 0.00400   | 1.00               | <LOQ          | PASS      | Prallethrin*           | 0.00800   | 0.200              | <LOQ          | PASS      |
| Diazinon*             | 0.00700   | 0.200              | <LOQ          | PASS      | Propiconazole*         | 0.00600   | 0.400              | <LOQ          | PASS      |
| Dichlorvos*           | 0.0120    | 1.00               | <LOQ          | PASS      | Propoxur*              | 0.00800   | 0.200              | <LOQ          | PASS      |
| Dimethoate*           | 0.00600   | 0.200              | <LOQ          | PASS      | Pyrethrins*            | 0.0140    | 1.00               | <LOQ          | PASS      |
| Dimethomorph*         | 0.00500   | 1.00               | <LOQ          | PASS      | Pyridaben*             | 0.00600   | 0.200              | <LOQ          | PASS      |
| Ethoprophos*          | 0.0130    | 0.200              | <LOQ          | PASS      | Spinetoram, Total*     | 0.00500   | 1.00               | <LOQ          | PASS      |
| Etofenprox*           | 0.00300   | 0.400              | <LOQ          | PASS      | Spinosad, Total*       | 0.00600   | 0.200              | <LOQ          | PASS      |
| Etoazole*             | 0.00500   | 0.200              | <LOQ          | PASS      | Spiromesifen*          | 0.0130    | 0.200              | <LOQ          | PASS      |
| Fenhexamid*           | 0.0150    | 1.00               | <LOQ          | PASS      | Spirotetramat*         | 0.00600   | 0.200              | <LOQ          | PASS      |
| Fenoxycarb*           | 0.0110    | 0.200              | <LOQ          | PASS      | Spiroxamine*           | 0.00400   | 0.200              | <LOQ          | PASS      |
| Fenpyroximate*        | 0.00200   | 0.400              | <LOQ          | PASS      | Tebuconazole*          | 0.0120    | 0.400              | <LOQ          | PASS      |
| Flonicamid*           | 0.00700   | 1.00               | <LOQ          | PASS      | Thiacloprid*           | 0.00800   | 0.200              | <LOQ          | PASS      |
| Fludioxonil*          | 0.0170    | 0.400              | <LOQ          | PASS      | Thiamethoxam*          | 0.00800   | 0.200              | <LOQ          | PASS      |
| Hexythiazox*          | 0.00500   | 1.00               | <LOQ          | PASS      |                        |           |                    |               |           |

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Alicia Caruso-Thomas

06/21/2024

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### Pesticides GC

**Pass**

### Sample Analysis

Date: 06/21/2024 12:39 PM

SOP: NYS.SOPT.040.271

Analyzed By: GC-MS/MS

Sample Weight: N/A

Analyst: Destiny Ribadeneyra

| 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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### Residual Solvents

**Pass**

### Sample Analysis

Date: 06/21/2024 05:21 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.1036 g

Analyst: Destiny Ribadeneyra

| Analyte                                                     | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|-------------------------------------------------------------|-----------|--------------------|---------------|-----------|
| 1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride) | 0.670     | 5.00               | <LOQ          | PASS      |
| 2-Propanol (Isopropanol, Isopropyl alcohol)                 | 21.7      | 5000               | <LOQ          | PASS      |
| Acetone (2-Propanone)                                       | 15.9      | 5000               | <LOQ          | PASS      |
| Acetonitrile                                                | 0.850     | 410                | <LOQ          | PASS      |
| Benzene                                                     | 0.710     | 2.00               | <LOQ          | PASS      |
| Butanes, Total                                              | 4.85      | 5000               | <LOQ          | PASS      |
| Chloroform                                                  | 0.540     | 60.0               | <LOQ          | PASS      |
| Dichloromethane (Methylene chloride)                        | 1.07      | 600                | <LOQ          | PASS      |
| Dimethyl sulfoxide (DMSO)                                   | 0.660     | 5000               | <LOQ          | PASS      |
| Ethanol (Ethyl alcohol)                                     | 10.0      | 5000               | <LOQ          | PASS      |
| Ethyl acetate (Acetic acid ethyl ester)                     | 18.4      | 5000               | <LOQ          | PASS      |
| Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)              | 0.440     | 5000               | <LOQ          | PASS      |
| Heptane (n-Heptane)                                         | 0.360     | 5000               | <LOQ          | PASS      |
| Hexanes, Total                                              | 0.420     | 290                | <LOQ          | PASS      |
| Methanol (Methyl alcohol)                                   | 2.47      | 3000               | <LOQ          | PASS      |
| Pentanes, Total                                             | 0.370     | 5000               | <LOQ          | PASS      |
| Propane                                                     | 0.530     | 5000               | <LOQ          | PASS      |
| Toluene (Methylbenzene)                                     | 2.34      | 890                | <LOQ          | PASS      |
| Trichloroethane (1,1,1-)                                    | 0.410     | 1500               | <LOQ          | PASS      |
| Tetrafluoroethane (1,1,1,2-) (HFC134a)*                     | 10.0      | 1000               | <LOQ          | PASS      |
| Xylenes, Total (ortho-, meta-, para-)                       | 3.63      | 2170               | <LOQ          | PASS      |

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

Alicia Caruso-Thomas

06/21/2024

*Alicia Caruso-Thomas*

Laboratory Director

Phyto-Farma Labs

49 John Hicks Drive  
Warwick, NY 10990  
(845) 988-0937



Accreditation #: 121747

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 01FEB2024. 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.



1906 c/o Hudson Valley Hemp Company, LLC  
Address: 67 Pine Wood Rd  
Hudson, NY 12534  
Contact Name: Suvi Freccia  
Contact Phone: 518-567-2247  
License #: OCM-AUCC-22-000064/OCM-AUCP-22-000019  
Sample ID: 5153



**Phyto-Farma Labs**  
a Smithers company

## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5153.1

### Microbial Impurities - MDG

**Pass**

#### Sample Analysis

Date: 06/21/2024 12:50 PM

SOP: NYS.SOPT.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      |

Alicia Caruso-Thomas

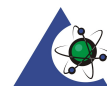
Laboratory Director

06/21/2024

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a Smithers company

## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5153.1

### Microbial Impurities - TAPC

Pass

#### Sample Analysis

Date: 06/21/2024 01:42 PM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Kristy Lee

| Analyte                       | LOQ (CFU/g) | Action Limit (CFU/g) | Results (CFU/g) | Pass/Fail |
|-------------------------------|-------------|----------------------|-----------------|-----------|
| Total Aerobic Bacteria/CDP-TC | 5           | 10000                | <LOQ            | PASS      |

### Microbial Impurities - TYMC

Pass

#### Sample Analysis

Date: 06/21/2024 05:28 PM

SOP: NYS.SOPT.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           | 1000                 | <LOQ            | PASS      |
| Mold Count           | 5           | 1000                 | <LOQ            | PASS      |
| Yeast Count          | 5           | 1000                 | <LOQ            | PASS      |

### Water Activity

Pass

#### Sample Analysis

Date: 06/20/2024 09:46 AM

SOP: NY.SOPT.040.210

Analyzed By: Water Activity Meter

Analyst: Moni Kaneti

| Analyte        | LOQ (Aw) | Action Limit (Aw) | Results (Aw) | Pass/Fail |
|----------------|----------|-------------------|--------------|-----------|
| Water Activity | 0.25     | 0.85              | 0.41         | PASS      |

Alicia Caruso-Thomas

Laboratory Director

06/21/2024

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