



NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.  
 Address: 415 Airport Rd, Endicott NY 13760  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000002  
 Sample ID: 2505SMNY0339.1463



**CERTIFICATE OF ANALYSIS**  
 Permit #: OCM-CPL-00004

Certificate: 9409.1

## Larry Burger 1g Vape AIO

Lot #: 01M-022  
 Sample ID: 2505SMNY0339.1463  
 Regulatory Category: Adult Use  
 Received: 05/21/2025  
 Sampling Location: 415 Airport Rd, Endicott NY 13760

Lot Size: 5000  
 Sample Type: Concentrate  
 Amount Received: 5  
 Sample Collected: 05/20/2025 10:16 AM  
 Published: 05/28/2025



## COMPLIANCE FOR RETAIL

|                                    |                                       |  |  |
|------------------------------------|---------------------------------------|--|--|
| Cannabinoid Profile<br><b>Pass</b> | Terpenes Total<br><b>Pass</b>         | Residual Solvents<br><b>Pass</b>       | <b>Pass</b><br>Sample Status<br><br><b>83.1%</b><br>Total THC<br><br><b>0.168%</b><br>Total CBD<br><br><b>88.8 %</b><br>Total Cannabinoids |
| Pesticides<br><b>Pass</b>          | Mycotoxins<br><b>Pass</b>             | Water Activity<br><b>Not Tested</b>    |  |
| Trace Metals<br><b>Pass</b>        | Microbial Contaminants<br><b>Pass</b> | Moisture Analysis<br><b>Not Tested</b> |  |
|                                    | Filth & Foreign<br><b>Not Tested</b>  |  |  |
|                                    |                                       |  |  |
|                                    |                                       |  |  |

Report Notes: N/A

Lindsey Vento     05/28/2025  
 Micro Director

*Lindsey Vento*

Smithers CTS New York LLC  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 202-9737



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**Average Cannabinoid Profile**

**Pass**

**Sample Analysis**

Date: 05/28/2025 12:46 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)           | -       | 83.1            | 831        |                          |
| Tetrahydrocannabinolic acid (THCA)         | 0.500   | 0.749           | 7.49       |                          |
| Δ8-THC                                     | 0.500   | <LOQ            | <LOQ       |                          |
| Δ9-THC                                     | 0.500   | 82.4            | 824        |                          |
| Δ10-THC-RS                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Δ10-THC-RR                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Total Cannabidiol (CBD)                    | -       | 0.168           | 1.68       |                          |
| Cannabinadiolic acid (CBDA)                | 0.500   | <LOQ            | <LOQ       |                          |
| Cannabidiol (CBD)                          | 0.500   | 0.168           | 1.68       |                          |
| Total Active Tetrahydrocannabivarin (THCV) | -       | 0.778           | 7.78       |                          |
| Tetrahydrocannabivarinic acid (THCVA)*     | 0.500   | 0.102           | 1.02       |                          |
| Tetrahydrocannabivarin (THCV)              | 0.500   | 0.690           | 6.90       |                          |
| Total Active Cannabigerol (CBG)            | -       | 2.35            | 23.5       |                          |
| Cannabigerolic acid (CBGA)                 | 0.500   | 0.162           | 1.62       |                          |
| Cannabigerol (CBG)                         | 0.500   | 2.21            | 22.1       |                          |
| Cannabidivarin (CBDV)                      | 0.500   | <LOQ            | <LOQ       |                          |
| Cannabinol (CBN)                           | 0.500   | 0.922           | 9.22       |                          |
| Cannabichromene (CBC)                      | 0.500   | 1.51            | 15.1       |                          |

| Cannabinoid Totals | Actual % (w/w) | mg/serving | Homogeneity <sup>†</sup> |
|--------------------|----------------|------------|--------------------------|
| Total Cannabinoids | 88.8           | 888        |                          |

\* 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: 1g

Lindsey Vento 05/28/2025

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Accreditation #: 121747

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**Terpene Total**

**Pass (4.358%)**

**Sample Analysis**

Date: 05/22/2025 02:05 PM

SOP: NY.SOPT.40.090

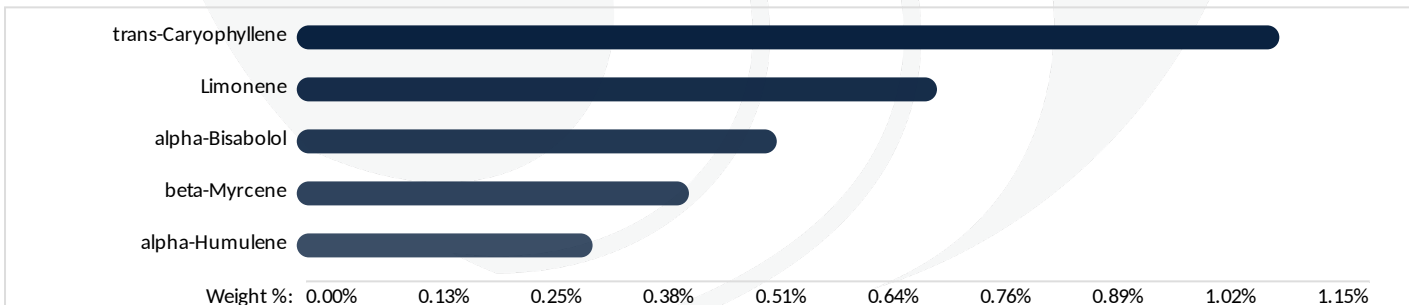
Sample Weight: 0.2371 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

| Analyte             | LOQ (%)   | Results (%) | Analyte             | LOQ (%)   | Results (%) |
|---------------------|-----------|-------------|---------------------|-----------|-------------|
| 3-Carene            | 0.0004200 | <LOQ        | gamma-Terpinene     | 0.0004400 | <LOQ        |
| alpha-Bisabolol     | 0.0005000 | 0.5603      | gamma-Terpineol     | 0.0003000 | <LOQ        |
| alpha-Humulene      | 0.0005600 | 0.3453      | Geraniol            | 0.0004800 | 0.003500    |
| alpha-Phellandrene  | 0.0006600 | <LOQ        | Geranyl acetate     | 0.0006200 | <LOQ        |
| alpha-Pinene        | 0.0004800 | 0.06400     | Guaiol              | 0.0006000 | 0.01530     |
| alpha-Terpinene     | 0.0002600 | <LOQ        | Isoborneol          | 0.0003400 | 0.04220     |
| alpha-Terpineol     | 0.0003400 | 0.1535      | Isopulegol          | 0.0006600 | <LOQ        |
| beta-Myrcene        | 0.0006400 | 0.4578      | Limonene            | 0.0007400 | 0.7473      |
| beta-Pinene         | 0.0006600 | 0.09420     | Linalool            | 0.0004600 | 0.2181      |
| Borneol             | 0.0004600 | 0.03160     | Menthol             | 0.0004600 | <LOQ        |
| Camphene            | 0.0004400 | 0.01760     | Nerol               | 0.0005000 | <LOQ        |
| Camphor             | 0.0004000 | <LOQ        | Pulegone (+)        | 0.0005600 | <LOQ        |
| Caryophyllene oxide | 0.0005800 | 0.06470     | Sabinene            | 0.0003400 | 0.1053      |
| Cedrene             | 0.0004400 | <LOQ        | Sabinene Hydrate    | 0.0004200 | <LOQ        |
| Cedrol              | 0.0005600 | <LOQ        | Terpinolene         | 0.0005000 | 0.01520     |
| cis-Nerolidol       | 0.0006800 | 0.03830     | trans-b-Ocimene     | 0.0004200 | <LOQ        |
| cis-Ocimene         | 0.0005200 | <LOQ        | trans-Caryophyllene | 0.0006600 | 1.147       |
| Eucalyptol          | 0.0007200 | <LOQ        | trans-Nerolidol     | 0.0007200 | 0.03660     |
| Farnesene           | 0.0008400 | 0.03790     | Valencene           | 0.0005600 | 0.03420     |
| Fenchone            | 0.0005000 | <LOQ        |                     |           |             |

| Terpene Totals | %     | Pass/Fail |
|----------------|-------|-----------|
| Total Terpenes | 4.358 | PASS      |



Lindsey Vento 05/28/2025  
 Micro Director

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**Trace Metals**

**Pass**

**Sample Analysis**

Date: 05/28/2025 12:48 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1382 g

Analyst: Moni Kaneti

| Analyte        | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|----------------|------------|---------------------|----------------|-----------|
| Antimony (Sb)* | 0.00200    | 2.00                | <LOQ           | PASS      |
| Arsenic (As)*  | 0.00200    | 0.200               | 0.0270         | PASS      |
| Cadmium (Cd)*  | 0.00200    | 0.200               | <LOQ           | PASS      |
| Chromium (Cr)* | 0.00200    | 110                 | 0.0350         | PASS      |
| Copper (Cu)*   | 0.00200    | 30.0                | 0.0950         | PASS      |
| Lead (Pb)*     | 0.00200    | 0.500               | 0.0130         | PASS      |
| Mercury (Hg)*  | 0.00200    | 0.100               | 0.0350         | PASS      |
| Nickel (Ni)*   | 0.00200    | 2.00                | 0.0330         | PASS      |

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

**Mycotoxin Analysis**

**Pass**

**Sample Analysis**

Date: 05/27/2025 04:08 PM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1 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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**Pesticides LC**

**Pass**

**Sample Analysis**

Date: 05/27/2025 03:53 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 g

Analyst: Stephanie Knapp

| 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      |
| Chloromequat 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      |
| Fonicamid*             | 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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Lindsey Vento 05/28/2025  
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**Pesticides GC**

**Pass**

**Sample Analysis**

**Date:** 05/27/2025 05:38 PM

**SOP:** NYS.SOPT.040.271

**Analyzed By:** GC-MS/MS

**Sample Weight:** N/A

**Analyst:** Stephanie Knapp

| 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:** 05/22/2025 10:38 AM

**SOP:** NYS.SOPT.040.272

**Analyzed By:** GC-MS

**Sample Weight:** 0.0916 g

**Analyst:** Destiny Ribadeneyra

| Analyte   | LOQ (ppm) | Action Limit (ppm) | Results (ppm) | Pass/Fail |
|---|-----------|--------------------|---------------|-----------|
| 1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride) | 0.100     | 5.00               | <LOQ          | PASS      |
| 2-Propanol (Isopropanol, Isopropyl alcohol)                 | 125       | 5000               | <LOQ          | PASS      |
| Acetone (2-Propanone)                                       | 125       | 5000               | <LOQ          | PASS      |
| Acetonitrile  | 23.6      | 410                | <LOQ          | PASS      |
| Benzene   | 0.100     | 2.00               | <LOQ          | PASS      |
| Butanes, Total  | 62.5      | 5000               | <LOQ          | PASS      |
| Chloroform  | 1.50      | 60.0               | <LOQ          | PASS      |
| Dichloromethane (Methylene chloride)                        | 15.0      | 600                | <LOQ          | PASS      |
| Dimethyl sulfoxide (DMSO)                                   | 125       | 5000               | <LOQ          | PASS      |
| Ethanol (Ethyl alcohol)                                     | 125       | 5000               | <LOQ          | PASS      |
| Ethyl acetate (Acetic acid ethyl ester)                     | 125       | 5000               | <LOQ          | PASS      |
| Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)              | 125       | 5000               | <LOQ          | PASS      |
| Heptane (n-Heptane)   | 125       | 5000               | <LOQ          | PASS      |
| Hexanes, Total  | 14.5      | 290                | <LOQ          | PASS      |
| Methanol (Methyl alcohol)                                   | 75.1      | 3000               | <LOQ          | PASS      |
| Pentanes, Total   | 195       | 5000               | <LOQ          | PASS      |
| Propane   | 63.0      | 5000               | <LOQ          | PASS      |
| Toluene (Methylbenzene)                                     | 22.3      | 890                | <LOQ          | PASS      |
| Trichloroethane (1,1,1-)                                    | 37.6      | 1500               | <LOQ          | PASS      |
| Tetrafluoroethane (1,1,1,2-) (HFC134a)*                     | 10.0      | 1000               | <LOQ          | PASS      |
| Xylenes, Total (ortho-, meta-, para-)                       | 109       | 2170               | <LOQ          | PASS      |

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

**Lindsey Vento**     05/28/2025  
 Micro Director

*Lindsey Vento*

**Smithers CTS New York LLC**  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 202-9737



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NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.  
 Address: 415 Airport Rd, Endicott NY 13760  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000002  
 Sample ID: 2505SMNY0339.1463



**SMITHERS**

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 9409.1

**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

**Date:** 05/28/2025 08:57 AM

**SOP:** NYS.SOPT.40.273

**Analyzed By:** PCR

**Analyst:** Lindsey Vento

| 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      |

**Lindsey Vento**

05/28/2025

Micro Director

*Lindsey Vento*

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Accreditation #: 121747

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NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.  
 Address: 415 Airport Rd, Endicott NY 13760  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000002  
 Sample ID: 2505SMNY0339.1463



**SMITHERS**

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 9409.1

**Microbial Impurities - TAPC**

**Pass**

**Sample Analysis**

Date: 05/23/2025 03:28 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 Aerobic Bacteria/CDP-TC | 5           | 10000                | <LOQ            | PASS      |

**Microbial Impurities - TYMC**

**Pass**

**Sample Analysis**

Date: 05/28/2025 11:23 AM

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      |

**Lindsey Vento**     05/28/2025  
 Micro Director

*Lindsey Vento*

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