



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: 2505SMNY0339.1465



SMITHERS

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 9411.1

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 [†] |
|--|---------|-----------------|------------|--------------------------|
| Total Tetrahydrocannabinol (THC) | - | 81.2 | 812 | |
| Tetrahydrocannabinolic acid (THCA) | 0.500 | 1.29 | 12.9 | |
| Δ8-THC | 0.500 | <LOQ | <LOQ | |
| Δ9-THC | 0.500 | 80.1 | 801 | |
| Δ10-THC-RS | 0.500 | <LOQ | <LOQ | |
| Δ10-THC-RR | 0.500 | <LOQ | <LOQ | |
| Total Cannabidiol (CBD) | - | 0.141 | 1.41 | |
| Cannabinadiolic acid (CBDA) | 0.500 | <LOQ | <LOQ | |
| Cannabidiol (CBD) | 0.500 | 0.141 | 1.41 | |
| Total Active Tetrahydrocannabivarin (THCV) | - | 0.628 | 6.28 | |
| Tetrahydrocannabivarinic acid (THCVA)* | 0.500 | 0.171 | 1.71 | |
| Tetrahydrocannabivarin (THCV) | 0.500 | 0.480 | 4.80 | |
| Total Active Cannabigerol (CBG) | - | 1.96 | 19.6 | |
| Cannabigerolic acid (CBGA) | 0.500 | 0.0562 | 0.562 | |
| Cannabigerol (CBG) | 0.500 | 1.91 | 19.1 | |
| Cannabidivarin (CBDV) | 0.500 | <LOQ | <LOQ | |
| Cannabinol (CBN) | 0.500 | 1.16 | 11.6 | |
| Cannabichromene (CBC) | 0.500 | 1.21 | 12.1 | |

| Cannabinoid Totals | Actual % (w/w) | mg/serving | Homogeneity [†] |
|--------------------|----------------|------------|--------------------------|
| Total Cannabinoids | 86.3 | 863 | |

* 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

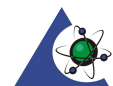
Lindsey Vento 05/28/2025

Micro Director

Lindsey Vento

Smithers CTS New York LLC

John Hicks Drive
 Warwick, NY 10990
 (845) 202-9737



Accreditation #: 121747

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Terpene Total

Pass (4.517%)

Sample Analysis

Date: 05/22/2025 02:05 PM

SOP: NY.SOPT.40.090

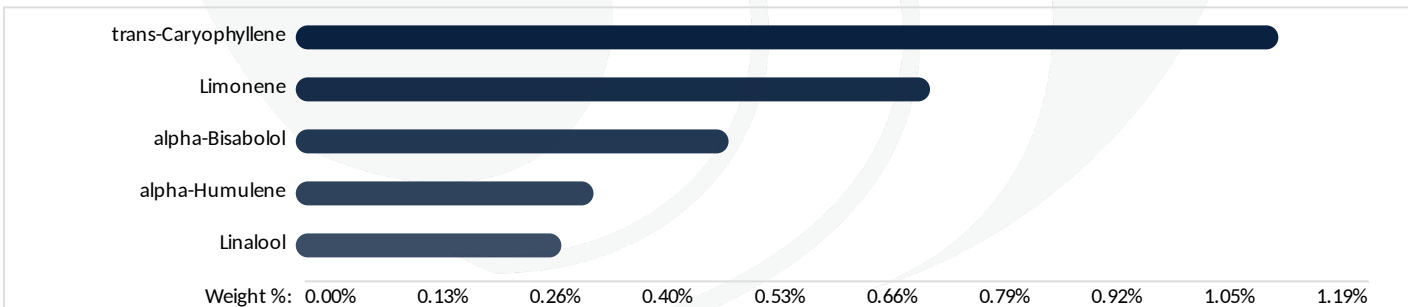
Sample Weight: 0.1818 g

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 | 0.5224 | gamma-Terpineol | 0.0003000 | <LOQ |
| alpha-Humulene | 0.0005600 | 0.3594 | Geraniol | 0.0004800 | 0.008400 |
| alpha-Phellandrene | 0.0006600 | <LOQ | Geranyl acetate | 0.0006200 | <LOQ |
| alpha-Pinene | 0.0004800 | 0.1016 | Guaiol | 0.0006000 | <LOQ |
| alpha-Terpinene | 0.0002600 | <LOQ | Isoborneol | 0.0003400 | 0.04590 |
| alpha-Terpineol | 0.0003400 | 0.1939 | Isopulegol | 0.0006600 | <LOQ |
| beta-Myrcene | 0.0006400 | 0.1920 | Limonene | 0.0007400 | 0.7656 |
| beta-Pinene | 0.0006600 | 0.1049 | Linalool | 0.0004600 | 0.3206 |
| Borneol | 0.0004600 | 0.03430 | Menthol | 0.0004600 | <LOQ |
| Camphene | 0.0004400 | 0.01960 | Nerol | 0.0005000 | <LOQ |
| Camphor | 0.0004000 | <LOQ | Pulegone (+) | 0.0005600 | <LOQ |
| Caryophyllene oxide | 0.0005800 | 0.09360 | Sabinene | 0.0003400 | 0.1170 |
| Cedrene | 0.0004400 | <LOQ | Sabinene Hydrate | 0.0004200 | <LOQ |
| Cedrol | 0.0005600 | <LOQ | Terpinolene | 0.0005000 | 0.01890 |
| cis-Nerolidol | 0.0006800 | 0.07310 | trans-b-Ocimene | 0.0004200 | 0.01300 |
| cis-Ocimene | 0.0005200 | <LOQ | trans-Caryophyllene | 0.0006600 | 1.186 |
| Eucalyptol | 0.0007200 | 0.006800 | trans-Nerolidol | 0.0007200 | 0.06990 |
| Farnesene | 0.0008400 | 0.06260 | Valencene | 0.0005600 | 0.04810 |
| Fenchone | 0.0005000 | 0.007700 | | | |

| Terpene Totals | % | Pass/Fail |
|----------------|-------|-----------|
| Total Terpenes | 4.517 | PASS |



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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: 0.1252 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 | 0.0100 | PASS |
| Cadmium (Cd)* | 0.00200 | 0.200 | <LOQ | PASS |
| Chromium (Cr)* | 0.00200 | 110 | 0.0180 | PASS |
| Copper (Cu)* | 0.00200 | 30.0 | 0.144 | PASS |
| Lead (Pb)* | 0.00200 | 0.500 | 0.0120 | PASS |
| Mercury (Hg)* | 0.00200 | 0.100 | <LOQ | PASS |
| Nickel (Ni)* | 0.00200 | 2.00 | 0.0590 | 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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Certificate: 9411.1

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
 Micro Director

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SMITHERS

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Permit #: OCM-CPL-00004

Certificate: 9411.1

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: 0.0908 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 |

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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 |

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05/28/2025

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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

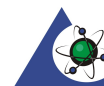
05/28/2025

Micro Director

Lindsey Vento

Smithers CTS New York LLC

John Hicks Drive
 Warwick, NY 10990
 (845) 202-9737



Accreditation #: 121747

This is a Smithers CTS New York LLC certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Smithers CTS New York LLC. 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 Smithers CTS New York LLC 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# SOPT.20.010.