



NanoCann Independent Research  
Address: 399 Smith St  
Farmingdale, NY 11735  
Contact Name:  
Contact Phone:  
License #: OCM-PROC-24-000176  
Sample ID: 2509SMNY0664.3311



SMITHERS

## CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 11272.1

### Turn - AIO - 1.0g - Distillate - Watermelon Sugar High

Lot #: TD-BB-AIO-1G-WSH-090825

Sample ID: 2509SMNY0664.3311

Regulatory Category: Adult Use

Received: 09/09/2025

Sampling Location: None

Lot Size: 1900

Sample Type: Concentrate

Amount Received: 4

Sample Collected: 09/09/2025 01:51 PM

Published: 09/16/2025



## COMPLIANCE FOR RETAIL

Cannabinoid Profile

Pass

Terpenes Total

Pass

Residual Solvents

Pass

Pass

Sample Status

Pesticides

Pass

Mycotoxins

Pass

Water Activity

Not Tested

81.0%

Total THC

Trace Metals

Pass

Microbial Contaminants

Pass

Moisture Analysis

Not Tested

0.156%

Total CBD

Filth & Foreign

Not Tested

84.5 %

Total Cannabinoids

Report Notes: N/A

Kristofer Marsh, Ph.D.

State Director

09/16/2025

*Kristofer Marsh*

Smithers CTS New York LLC

49 John Hicks Drive

Warwick, NY 10990

(845) 202-9737



Accreditation #: 121747

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### Average Cannabinoid Profile

Pass

### Sample Analysis

Date: 09/15/2025 12:20 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

| Analyte                                    | LOQ (%) | Average % (w/w) | mg/serving |
|--------------------------------------------|---------|-----------------|------------|
| Total Tetrahydrocannabinol (THC)           | -       | 80.96           | 809.6      |
| Tetrahydrocannabinolic acid (THCA)         | 0.1205  | <LOQ            | <LOQ       |
| Δ8-THC                                     | 0.1205  | <LOQ            | <LOQ       |
| Δ9-THC                                     | 0.1205  | 80.96           | 809.6      |
| Δ10-THC-RS                                 | 0.1205  | <LOQ            | <LOQ       |
| Δ10-THC-RR                                 | 0.1205  | <LOQ            | <LOQ       |
| Total Cannabidiol (CBD)                    | -       | 0.1557          | 1.557      |
| Cannabidiolic acid (CBDA)                  | 0.1205  | <LOQ            | <LOQ       |
| Cannabidiol (CBD)                          | 0.1205  | 0.1557          | 1.557      |
| Total Active Tetrahydrocannabivarin (THCV) | -       | 0.4451          | 4.451      |
| Tetrahydrocannabivarinic acid (THCVA)      | 0.1205  | <LOQ            | <LOQ       |
| Δ9-THCV                                    | 0.1205  | 0.4451          | 4.451      |
| Total Active Cannabigerol (CBG)            | -       | 1.675           | 16.75      |
| Cannabigerolic acid (CBGA)                 | 0.1205  | <LOQ            | <LOQ       |
| Cannabigerol (CBG)                         | 0.1205  | 1.675           | 16.75      |
| Cannabidivarin (CBDV)                      | 0.1205  | <LOQ            | <LOQ       |
| Cannabinol (CBN)                           | 0.1205  | 0.866           | 8.66       |
| Cannabichromene (CBC)                      | 0.1205  | 0.3827          | 3.827      |

| Cannabinoid Totals | Average % (w/w) | mg/serving |
|--------------------|-----------------|------------|
| Total Cannabinoids | 84.48           | 844.8      |

Total THC = THCa\*0.877 + Δ9-THC

Total CBD = CBDa\*0.877 + CBD

Total Cannabinoids = Sum of all analytes

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

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PJLA  
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### Terpene Total

Pass (2.675%)

### Sample Analysis

Date: 09/15/2025 10:03 AM

SOP: NY.SOPT.40.090

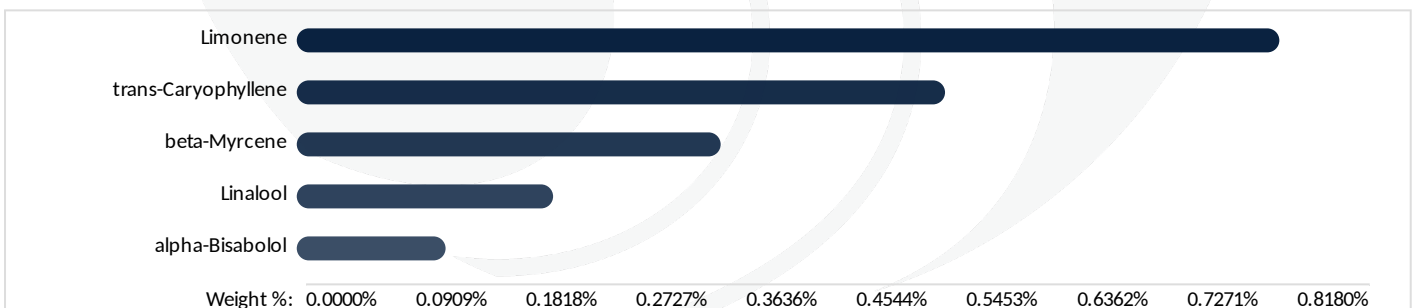
Sample Weight: 0.2075 g

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 | 0.1239      | gamma-Terpineol     | 0.0003000 | 0.01640     |
| alpha-Humulene      | 0.0005600 | 0.01670     | Geraniol            | 0.0004800 | 0.01630     |
| alpha-Phellandrene  | 0.0006600 | 0.02260     | Geranyl acetate     | 0.0006200 | <LOQ        |
| alpha-Pinene        | 0.0004800 | 0.07610     | Guaial              | 0.0006000 | <LOQ        |
| alpha-Terpinene     | 0.0002600 | <LOQ        | Isoborneol          | 0.0003400 | <LOQ        |
| alpha-Terpineol     | 0.0003400 | 0.07930     | Isopulegol          | 0.0006600 | <LOQ        |
| beta-Myrcene        | 0.0006400 | 0.3529      | Limonene            | 0.0007400 | 0.8180      |
| beta-Pinene         | 0.0006600 | 0.1117      | Linalool            | 0.0004600 | 0.2134      |
| Borneol             | 0.0004600 | <LOQ        | Menthol             | 0.0004600 | <LOQ        |
| Camphene            | 0.0004400 | 0.01860     | Nerol               | 0.0005000 | <LOQ        |
| Camphor             | 0.0004000 | <LOQ        | Pulegone (+)        | 0.0005600 | <LOQ        |
| Caryophyllene oxide | 0.0005800 | 0.05630     | Sabinene            | 0.0003400 | 0.1117      |
| Cedrene             | 0.0004400 | <LOQ        | Sabinene Hydrate    | 0.0004200 | <LOQ        |
| Cedrol              | 0.0005600 | <LOQ        | Terpinolene         | 0.0005000 | 0.01500     |
| cis-Nerolidol       | 0.0006800 | <LOQ        | trans-b-Ocimene     | 0.0004200 | <LOQ        |
| cis-Ocimene         | 0.0005200 | <LOQ        | trans-Caryophyllene | 0.0006600 | 0.5397      |
| 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 | 2.675 | PASS      |



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### Trace Metals

Pass

#### Sample Analysis

Date: 09/16/2025 10:23 AM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.119 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               | <LOQ           | PASS      |
| Cadmium (Cd)  | 0.00200    | 0.200               | <LOQ           | PASS      |
| Chromium (Cr) | 0.00200    | 110                 | 0.0350         | PASS      |
| Copper (Cu)   | 0.00200    | 30.0                | 0.143          | PASS      |
| Lead (Pb)     | 0.00200    | 0.500               | 0.0150         | PASS      |
| Mercury (Hg)  | 0.00200    | 0.100               | <LOQ           | PASS      |
| Nickel (Ni)   | 0.00200    | 2.00                | 0.0510         | PASS      |

### Mycotoxin Analysis

Pass

#### Sample Analysis

Date: 09/15/2025 10:30 AM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: N/A

Analyst: Destiny Ribadeneyra

| Analyte           | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|-------------------|------------|---------------------|----------------|-----------|
| Sum of Aflatoxins | -          | 0.020               |                |           |
| 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: 11272.1

**Pesticides LC**

**Pass**

**Sample Analysis**

**Date:** 09/15/2025 10:48 AM

**SOP:** NY.SOPT.040.270

**Analyzed By:** LC-MS/MS

**Sample Weight:** 1.0179 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      |                       |           |                    |               |           |

**Kristofer Marsh, Ph.D.**

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Pesticides GC

Pass

Sample Analysis

Date: 09/15/2025 02:23 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: 09/15/2025 11:16 AM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.1 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      |

Kristofer Marsh, Ph.D.

09/16/2025

*Kristofer Marsh*

State Director

Smithers CTS New York LLC

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



Accreditation #: 121747

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NanoCann Independent Research  
Address: 399 Smith St  
Farmingdale, NY 11735  
Contact Name:  
Contact Phone:  
License #: OCM-PROC-24-000176  
Sample ID: 2509SMNY0664.3311



SMITHERS

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 11272.1

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 09/15/2025 07:37 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      |

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09/16/2025

Kristy Marsh

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Contact Name:  
Contact Phone:  
License #: OCM-PROC-24-000176  
Sample ID: 2509SMNY0664.3311



SMITHERS

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 11272.1

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 09/15/2025 09:52 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 Aerobic Bacteria/CDP-TC | 5           | 10000                | <LOQ            | PASS      |

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 09/15/2025 05:34 PM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Destiny Ribadeneyra

| Analyte              | LOQ (CFU/g) | Action Limit (CFU/g) | Results (CFU/g) | Pass/Fail |
|----------------------|-------------|----------------------|-----------------|-----------|
| Total Yeast and Mold | 5           | 1000                 | <LOQ            | PASS      |

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State Director

09/16/2025

*Kristofer Marsh*

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