



Hudson Valley Hemp Company, LLC  
 Address: 67 PINE WOOD RD  
 1  
 Hudson, NY 12534  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000208  
 Sample ID: 2507SMNY0476.2281



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

Certificate: 10238.1

## Bliss Drop Tins

Lot #: BLS5NY25153-T  
 Sample ID: 2507SMNY0476.2281  
 Regulatory Category: Adult Use  
 Received: 07/10/2025  
 Sampling Location: 67 PINE WOOD RD 1  
 Hudson, NY 12534

Lot Size: 12300  
 Sample Type: Edible  
 Amount Received: 5  
 Sample Collected: 07/10/2025 11:48 AM  
 Published: 07/17/2025



## COMPLIANCE FOR RETAIL

|                                    |                                       |  |                              |                                     |
|------------------------------------|---------------------------------------|--|------------------------------|-------------------------------------|
| Cannabinoid Profile<br><b>Pass</b> | Terpenes Total<br><b>Tested</b>       | Residual Solvents<br><b>Pass</b>       | <b>Pass</b><br>Sample Status |                                     |
| Pesticides<br><b>Pass</b>          | Mycotoxins<br><b>Pass</b>             | Water Activity<br><b>Pass</b>          |                              | <b>0.669%</b><br>Total THC          |
| Trace Metals<br><b>Pass</b>        | Microbial Contaminants<br><b>Pass</b> | Moisture Analysis<br><b>Not Tested</b> |                              | <b>0.648%</b><br>Total CBD          |
|                                    | Filth & Foreign<br><b>Not Tested</b>  |  |                              | <b>1.40 %</b><br>Total Cannabinoids |

Report Notes: N/A

Kristofer Marsh, Ph.D.  
 State Director

07/17/2025

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: 07/15/2025 01:03 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Destiny Ribadeneyra

| Analyte                                    | LOQ (%) | Average % (w/w) | mg/serving | Homogeneity <sup>†</sup> |
|--|---------|-----------------|------------|--------------------------|
| Total Tetrahydrocannabinol (THC)           | -       | 0.669           | 4.97       |                          |
| Tetrahydrocannabinolic acid (THCA)         | 0.500   | <LOQ            | <LOQ       |                          |
| Δ8-THC                                     | 0.500   | <LOQ            | <LOQ       |                          |
| Δ9-THC                                     | 0.500   | 0.669           | 4.97       |                          |
| Δ10-THC-RS                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Δ10-THC-RR                                 | 0.500   | <LOQ            | <LOQ       |                          |
| Total Cannabidiol (CBD)                    | -       | 0.648           | 4.82       |                          |
| Cannabinadiolic acid (CBDA)                | 0.500   | <LOQ            | <LOQ       |                          |
| Cannabidiol (CBD)                          | 0.500   | 0.648           | 4.82       |                          |
| Total Active Tetrahydrocannabivarin (THCV) | -       | 0.00960         | 0.0713     |                          |
| Tetrahydrocannabivarinic acid (THCVA)*     | 0.500   | <LOQ            | <LOQ       |                          |
| Tetrahydrocannabivarin (THCV)              | 0.500   | 0.00960         | 0.0713     |                          |
| Total Active Cannabigerol (CBG)            | -       | 0.0283          | 0.210      |                          |
| Cannabigerolic acid (CBGA)                 | 0.500   | 0.00318         | 0.0236     |                          |
| Cannabigerol (CBG)                         | 0.500   | 0.0255          | 0.189      |                          |
| Cannabidivarin (CBDV)                      | 0.500   | 0.0130          | 0.0964     |                          |
| Cannabinol (CBN)                           | 0.500   | 0.0153          | 0.114      |                          |
| Cannabichromene (CBC)                      | 0.500   | 0.0212          | 0.157      |                          |

| Cannabinoid Totals | Actual % (w/w) | mg/serving | Homogeneity <sup>†</sup> |
|--------------------|----------------|------------|--------------------------|
| Total Cannabinoids | 1.40           | 10.4       |                          |

\* 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: 0.743 g

Kristofer Marsh, Ph.D.

07/17/2025

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Accreditation #: 121747

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**Terpene Total**

**Tested (0.0000%)**

**Sample Analysis**

Date: 07/17/2025 08:50 AM

SOP: NY.SOPT.40.090

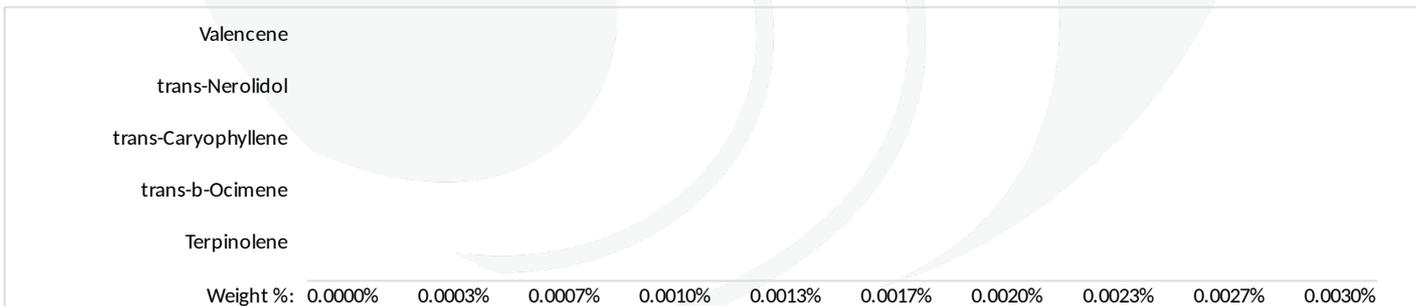
Sample Weight: 0.2081 g

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        | Guaiol              | 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       |



Kristofer Marsh, Ph.D.  
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*Kristofer Marsh*

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### Trace Metals

Pass

### Sample Analysis

Date: 07/16/2025 11:47 AM  
 Analyzed By: ICP-MS  
 Analyst: Moni Kaneti

SOP: NY.SOPT.40.050  
 Sample Weight: 0.1192 g

| Analyte        | LOQ (µg/g) | Action Limit (µg/g) | Results (µg/g) | Pass/Fail |
|----------------|------------|---------------------|----------------|-----------|
| Antimony (Sb)* | 0.00200    | 120                 | <LOQ           | PASS      |
| Arsenic (As)*  | 0.00200    | 1.50                | 0.0400         | PASS      |
| Cadmium (Cd)*  | 0.00200    | 0.500               | 0.0420         | PASS      |
| Chromium (Cr)* | 0.00200    | 1100                | 0.630          | PASS      |
| Copper (Cu)*   | 0.00200    | 300                 | 0.332          | PASS      |
| Lead (Pb)*     | 0.00200    | 0.500               | 0.0630         | PASS      |
| Mercury (Hg)*  | 0.00200    | 3.00                | <LOQ           | PASS      |
| Nickel (Ni)*   | 0.00200    | 20.0                | 0.263          | PASS      |

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

### Mycotoxin Analysis

Pass

### Sample Analysis

Date: 07/15/2025 03:46 PM  
 Analyzed By: LC-MS/MS  
 Analyst: Destiny Ribadeneyra

SOP: NY.SOPT.40.180  
 Sample Weight: 0.1 g

| 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: 07/16/2025 12:25 PM

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      |
| 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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**SMITHERS**

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**Pesticides GC**

**Pass**

**Sample Analysis**

**Date:** 07/16/2025 03:47 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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**SMITHERS**

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**Residual Solvents**

**Pass**

**Sample Analysis**

Date: 07/14/2025 04:47 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.0926 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

Kristofer Marsh, Ph.D.

07/17/2025

State Director

Smithers CTS New York LLC

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



Accreditation #: 121747

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Hudson Valley Hemp Company, LLC  
 Address: 67 PINE WOOD RD  
 1  
 Hudson, NY 12534  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000208  
 Sample ID: 2507SMNY0476.2281



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

Certificate: 10238.1

**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

**Date:** 07/14/2025 05:20 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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**CERTIFICATE OF ANALYSIS**  
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Certificate: 10238.1

**Microbial Impurities - TAPC**

**Pass**

**Sample Analysis**

Date: 07/17/2025 04:01 PM      SOP: NYS.SOPT.040.200  
 Analyzed By: Plating  
 Analyst: Lindsey Vento

| 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: 07/14/2025 05:50 PM      SOP: NYS.SOPT.040.200  
 Analyzed By: Plating  
 Analyst: Lindsey Vento

| 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      |

**Kristofer Marsh, Ph.D.**

07/17/2025

State Director

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 Warwick, NY 10990  
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 Contact Phone:  
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 Sample ID: 2507SMNY0476.2281



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

Certificate: 10238.1

**Water Activity**

**Pass**

**Sample Analysis**

**Date:** 07/15/2025 03:43 PM      **SOP:** NY.SOPT.040.210  
**Analyzed By:** Water Activity Meter  
**Analyst:** Dylan Kane

| Analyte        | LOQ (Aw) | Action Limit (Aw) | Results (Aw) | Pass/Fail |
|----------------|----------|-------------------|--------------|-----------|
| Water Activity | 0.25     | 0.85              | 0.35         | PASS      |



**Kristofer Marsh, Ph.D.**

07/17/2025

State Director

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