

**Nanticoke Hemp Inc.**

1543 Union Center Maine Hwy  
pete@nanticokegardens.com  
607-754-5008  
License #: OCM-PROC-24-000002

**Certificate of Analysis**

Final



Date Released: 10/7/2025 6:20:15PM

Report #: 88064

**Forbidden Fruit 1g Pre-roll**

Sample #: 20421, Weight: 20.00g, Unit Count:  
Order #: X250923-0035

Category/Type: Plant, Preroll

Date Collected: 9/22/2025 6:00:00PM

Date Received: 9/23/2025 1:40:49PM

Date Sampled: 9/22/2025 9:07:00AM

Regulator Sample ID: LD091303PR1G

Regulator Source Package ID: LD091303PR1G

Regulator Batch ID: LD091303PR1G

Size: 5000Units, Unit Count:



Total Cannabinoids  
30.15 %  
301.5 mg/g



Total THC  
25.87 %  
258.7 mg/g



Total CBD  
0.07230 %  
0.7230 mg/g



Total Terpenes  
1.509 %



Heavy Metals  
PASS



Microbials  
PASS



Pesticides  
PASS



Mycotoxins  
PASS

**Cannabinoids Avg**

Total Cannabinoids: **30.15 % - 301.5 mg/g**  
Total THC: **25.87 % - 258.7 mg/g**  
Total CBD: **0.07230 % - 0.7230 mg/g**

Date Completed: 09/30/2025 6:12PM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	27.73	277.3	<div style="width: 95%;"></div>
d9-THC	1972-08-3	0.001000	1.545	15.45	<div style="width: 5%;"></div>
CBGa	25555-57-1	0.001000	0.5684	5.684	<div style="width: 1%;"></div>
CBG	25654-31-3	0.001000	0.1734	1.734	<div style="width: 0.5%;"></div>
CBDa	1244-58-2	0.001000	0.08244	0.8244	<div style="width: 0.3%;"></div>
CBC	20675-51-8	0.001000	0.03185	0.3185	<div style="width: 0.1%;"></div>
CBDV	24274-48-4	0.001000	0.01528	0.1528	<div style="width: 0.05%;"></div>

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Note: Moisture Content, Water Activity and Foreign matter testing was completed separately by sub-contracted Laboratory Biotrax. Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E

Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 20421**

**Forbidden Fruit 1g Pre-roll**

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCV	31262-37-0	0.001000	ND	ND	
CBD	13956-29-1	0.001000	ND	ND	
CBN	521-35-7	0.001000	ND	ND	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC	95543-62-7	0.001000	ND	ND	
d10/S9-THC	95588-87-7	0.001000	ND	ND	

**Test Comment:** Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

**Terpenes by HS-GC-MS**

Date Completed: 10/02/2025 6:06PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-caryophyllene	87-44-5	0.1000	0.8006	
Valencene	4630-07-3	0.1000	0.2575	
Farnesene	502-61-4	0.1000	0.2408	
Alpha-humulene	6753-98-6	0.1000	0.2102	
Results based on dry weight				
Beta-myrcene	123-35-3	0.1000	ND	
Limonene	5989-27-5	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Linalool	78-70-6	0.1000	ND	

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**Sample #: 20421**

**Forbidden Fruit 1g Pre-roll**

Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	

**Test Comment:** Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

**Pesticides by LCMSMS**

**Pass**

**Analysis Date:** 10/01/2025 4:32 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass
Acephate	0.0100	0.400	ND	Pass
Acequinocyl	0.0100	2.00	ND	Pass
Acetamiprid	0.0100	0.200	ND	Pass
Aldicarb	0.0100	0.400	ND	Pass
Azadirachtin	0.0100	1.00	ND	Pass
Azoxystrobin	0.0100	0.200	ND	Pass
Bifenazate	0.0100	0.200	ND	Pass
Bifenthrin	0.0100	0.200	ND	Pass
Boscalid	0.0100	0.400	ND	Pass
Captan	0.0100	1.00	ND	Pass

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**Sample #: 20421**

**Forbidden Fruit 1g Pre-roll**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 10/01/2025 4:32 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Carbaryl	0.0100	0.200	ND	Pass
Carbofuran	0.0100	0.200	ND	Pass
Chlorantraniliprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chlormequat Chloride	0.0100	1.00	ND	Pass
Chlorpyrifos	0.0100	0.200	ND	Pass
Clofentezine	0.0100	0.200	ND	Pass
Coumaphos	0.0100	1.00	ND	Pass
Cyfluthrin	0.0100	1.00	ND	Pass
Cypermethrin	0.0100	1.00	ND	Pass
Daminozide	0.0100	1.00	ND	Pass
Diazinon	0.0100	0.200	ND	Pass
Dichlorvos	0.0100	1.00	ND	Pass
Dimethoate	0.0100	0.200	ND	Pass
Dimethomorph	0.0100	1.00	ND	Pass
Ethoprophos	0.0100	0.200	ND	Pass
Etofenprox	0.0100	0.400	ND	Pass
Etoxazole	0.0100	0.200	ND	Pass
Fenhexamid	0.0100	1.00	ND	Pass
Fenoxycarb	0.0100	0.200	ND	Pass
Fenpyroximate	0.0100	0.400	ND	Pass
Fipronil	0.0100	0.400	ND	Pass
Fonicamid	0.0100	1.00	ND	Pass
Fludioxonil	0.0100	0.400	ND	Pass
Hexythiazox	0.0100	1.00	ND	Pass

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**Pesticides by LCMSMS**

**Pass**

Analysis Date: 10/01/2025 4:32 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Imazalil	0.0100	0.200	ND	Pass
Imidacloprid	0.0100	0.400	ND	Pass
Indolebutyric Acid	0.0100	1.00	ND	Pass
Kresoxim-methyl	0.0100	0.400	ND	Pass
Malathion	0.0100	0.200	ND	Pass
Metaxyl	0.0100	0.200	ND	Pass
Methiocarb	0.0100	0.200	ND	Pass
Methomyl	0.0100	0.400	ND	Pass
Methyl Parathion	0.0100	0.200	ND	Pass
Mevinphos	0.0100	1.00	ND	Pass
MGK-264	0.0100	0.200	ND	Pass
Myclobutanil	0.0100	0.200	ND	Pass
Naled	0.0100	0.500	ND	Pass
Oxamyl	0.0100	1.00	ND	Pass
Paclobutrazol	0.0100	0.400	ND	Pass
Pentachloronitrobenzene	0.0100	1.00	ND	Pass
Permethrins, Total	0.0100	0.200	ND	Pass
Phosmet	0.0100	0.200	ND	Pass
Piperonyl Butoxide	0.0100	2.00	ND	Pass
Prallethrin	0.0100	0.200	ND	Pass
Propiconazole	0.0100	0.400	ND	Pass
Propoxur	0.0100	0.200	ND	Pass
Pyrethrins Total	0.0100	1.00	ND	Pass
Pyridaben	0.0100	0.200	ND	Pass
Spinetoram Total	0.0100	1.00	ND	Pass
Spinosad Total	0.0100	0.200	ND	Pass

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**Forbidden Fruit 1g Pre-roll**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 10/01/2025 4:32 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Spiromesifen	0.0100	0.200	ND	Pass
Spirotetramat	0.0100	0.200	ND	Pass
Spiroxamine	0.0100	0.200	ND	Pass
Tebuconazole	0.0100	0.400	ND	Pass
Thiacloprid	0.0100	0.200	ND	Pass
Thiamethoxam	0.0100	0.200	ND	Pass
Trifloxystrobin	0.0100	0.200	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

**Mycotoxins by LCMSMS**

**Pass**

Analysis Date: 10/01/2025 4:27 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

**Heavy Metals by ICPMS**

**Pass**

Analysis Date: 09/29/2025 6:49 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	ND	Pass
Arsenic	0.00100	0.200	ND	Pass
Cadmium	0.00150	0.200	0.0738	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	7.68	Pass

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**Sample #: 20421**

**Forbidden Fruit 1g Pre-roll**

**Heavy Metals by ICPMS**

**Pass**

Analysis Date: 09/29/2025 6:49 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Lead	0.00250	0.500	0.0756	Pass
Mercury	0.000500	0.100	ND	Pass
Nickel	0.0100	5.00	ND	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 09/26/2025 5:02 pm

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	1	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass
Aspergillus niger Qualitative	1	0	Not Detected	Pass
Aspergillus terreus Qualitative	1	0	Not Detected	Pass
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10		4000	Pass
Total Yeast & Mold	10		8000	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.

**Due to COA validation limitations:** "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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# Certificate of Analysis

NYS Cannabis Compliance

Biotrax Testing Laboratory Inc. - Cannabis  
3580 Harlem Road Suite 2, Cheektowaga, New York  
reporting@biotrax.net 7166510146  
Lic# OCM-CPL # 00005  
PJLA/ISO/IEC 17025 # 73827  
DEA #: RB0572671

1 of 2

## Keystone State Testing

Order No.: OBTX1001-0003873  
1809 Vestal Parkway  
Vestal, New York, 13850  
alishag.keystone@gmail.com  
6073040884  
OCM-CPL-00007

## Laboratory Sample ID: 251001-GT

Batch Id: **LD0913303PRIG**, Batch Size: -, Units Sampled: -, Sample Size: **4.11 grams**  
Sample Collection Site: 1809 Vestal Parkway, New York 13850  
Date/Time Collected: 10/01/2025 10:35  
Date/Time Received: 10/01/2025 10:36  
Report Created: 10/07/2025 09:14  
Sampling SOP- SOP# 006

## Sample Name: Forbidden Fruit 1g PR

Plant, Flower - Cured



Scan QR Code to verify  
COA

## Tests Summary

<b>Batch</b> Pass	<b>Foreign Matter</b> Pass	<b>Moisture</b> Pass
<b>Water Activity</b> Pass	<b>Cannabinoids</b> Not Tested	<b>Terpenes</b> Not Tested
<b>Microbials</b> Not Tested	<b>Pesticides</b> Not Tested	<b>Microbials PCR</b> Not Tested



# BIOTRAX

**Verified By: Steve Heine**  
Quality Control Officer

This report must not be reproduced, except in full, without the expressed written approval of the Laboratory's Facility Director(s) or Laboratory Manager.

All flower products are corrected to Dry Weight Basis. ND=Not Detected, LOQ=Limit of Quantitation. This product has been tested by Biotrax Testing Laboratory Inc, using valid testing methodologies and a quality system as required by New York state law. Values reported relate only to the product tested and batched under the batch number identified above. Biotrax Testing Laboratory Inc makes no claims as to the efficacy, safety, or other risks associated with any results reported herein. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Biotrax Testing Laboratory Inc.



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2 of 2

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Sampling SOP- SOP# 006

## Sample Name: Forbidden Fruit 1g PR

Plant, Flower - Cured



Scan QR Code to verify  
COA

## Foreign Matter

SOP-060  
Date/Time Tested: 10/03/25 14:00

Pass

Analyte	Limit (%)	ppm	%	Status
FM Other	2.000000	0.000	0.000	Passed
FM Stems	5.000000	0.000	0.000	Passed
Mammal Excrement	0.000221	0.000	0.000	Passed

## Moisture

SOP-058  
Date/Time Tested: 10/02/25 14:56

Pass

Analyte	Limit (%)	%	Status
Moisture	15.0	10.26	Passed

## Water Activity

SOP-059  
Date/Time Tested: 10/06/25 15:54

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.41	Passed

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