

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 6:20:17PM

Report #: 88066

Block Monster 1/2 oz Jar

Sample #: 20423, Weight: 182.00g, Unit Count:
 Order #: X250923-0035

Category/Type: Plant, Flower - Cured
 Date Collected: 9/22/2025 6:00:00PM
 Date Received: 9/23/2025 1:41:10PM
 Date Sampled: 9/22/2025 9:07:00AM

Regulator Sample ID: BM061811H
 Regulator Source Package ID: BM061811H
 Regulator Batch ID: BM061811H

Size: 3200Units, Unit Count:



Total Cannabinoids
 28.87 %
 288.7 mg/g



Total THC
 24.67 %
 246.7 mg/g



Total CBD
 0.05316 %
 0.5316 mg/g



Total Terpenes
 1.134 %



Heavy Metals
 PASS



Microbials
 PASS



Pesticides
 PASS



Mycotoxins
 PASS

Cannabinoids Avg

Total Cannabinoids: **28.87 % - 288.7 mg/g**
 Total THC: **24.67 % - 246.7 mg/g**
 Total CBD: **0.05316 % - 0.5316 mg/g**

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

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	26.00	260.0	<div style="width: 260%;"></div>
d9-THC	1972-08-3	0.001000	1.868	18.68	<div style="width: 18.68%;"></div>
CBGa	25555-57-1	0.001000	0.7429	7.429	<div style="width: 7.429%;"></div>
CBG	25654-31-3	0.001000	0.1676	1.676	<div style="width: 1.676%;"></div>
CBDa	1244-58-2	0.001000	0.06062	0.6062	<div style="width: 0.6062%;"></div>
CBC	20675-51-8	0.001000	0.03512	0.3512	<div style="width: 0.3512%;"></div>
CBDV	24274-48-4	0.001000	ND	ND	

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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 #: 20423

Block Monster 1/2 oz Jar

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	0.4417	<div style="width: 44.17%;"></div>
Farnesene	502-61-4	0.1000	0.2482	<div style="width: 24.82%;"></div>
Linalool	78-70-6	0.1000	0.1678	<div style="width: 16.78%;"></div>
Limonene	5989-27-5	0.1000	0.1536	<div style="width: 15.36%;"></div>
Alpha-humulene	6753-98-6	0.1000	0.1229	<div style="width: 12.29%;"></div>
Results based on dry weight				
Beta-myrcene	123-35-3	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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 measuremental 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 #: 20423

Block Monster 1/2 oz Jar

Compound	CAS#	LOQ (%)	%	Relative Concentration
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	
Valencene	4630-07-3	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

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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 #: 20423

Block Monster 1/2 oz Jar

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

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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

Dr. Kelly Greenland, Lab Director





Sample #: 20423

Block Monster 1/2 oz Jar

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
Metalaxyl	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

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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

Dr. Kelly Greenland, Lab Director





Sample #: 20423

Block Monster 1/2 oz Jar

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	0.0379	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	6.39	Pass

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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 #: 20423

Block Monster 1/2 oz Jar

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	0.0142	Pass
Mercury	0.000500	0.100	ND	Pass
Nickel	0.0100	5.00	0.0164	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		1000	Pass
Total Yeast & Mold	10		4000	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.

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

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

Dr. Kelly Greenland, Lab Director





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-GU

Batch Id: **BM061811H**, 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: Block Monster 1/2oz Jar

Plant, Flower - Cured



Scan QR Code to verify
COA

Tests Summary

Batch Pass	Foreign Matter Pass	Moisture Pass
Water Activity Pass	Cannabinoids Not Tested	Terpenes Not Tested
Microbials Not Tested	Pesticides Not Tested	Microbials PCR 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.



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

2 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-GU

Batch Id: **BM061811H**, 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: Block Monster 1/2oz Jar

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	12.25	Passed

Water Activity

SOP-059

Date/Time Tested: 10/06/25 15:54

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.49	Passed

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.