



Date Released: 10/17/2025 6:10:23PM

Report #: 91316

50mg HiiSTiX 2-Pack

Sample #: 20846, Weight: 120.00g, Unit Count:
Order #: X251007-0001

Category/Type: Ingestible, Edibles

Date Collected: 10/6/2025 11:55:00AM

Date Received: 10/7/2025 1:14:51PM

Date Sampled: 10/6/2025 9:10:00AM

Regulator Sample ID: 006-100PWD2

Regulator Source Package ID: 006-100PWD2

Regulator Batch ID: 006-100PWD2

Size: 10000Units, Unit Count:



Total Cannabinoids
61.21 mg/unit
20.75 mg/g



Total THC
56.68 mg/unit
19.21 mg/g



Total CBD
0.1224 mg/unit
0.04149 mg/g



Total Terpenes
0.000 %



Heavy Metals
PASS



Residual Solvents
PASS



Pesticides
PASS



Mycotoxins
PASS

Potency Analysis by HPLC

Total Cannabinoids: **61.21 mg/unit - 20.75 mg/g**
Total THC: **56.68 mg/unit - 19.21 mg/g**
Total CBD: **0.1224 mg/unit - 0.04149 mg/g**

Date Completed: 10/08/2025 3:46PM

Compound	CAS#	LOQ (mg/unit)	mg/unit	mg/g	Relative Concentration
d9-THC	1972-08-3		55.08	18.67	
THCa	23978-85-0		1.823	0.6179	
CBG	25654-31-3		1.319	0.4471	
CBN	521-35-7		1.166	0.3954	
CBC	20675-51-8		1.064	0.3608	
THCV	31262-37-0		0.3864	0.1310	

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Note: Moisture Content, Water Activity, Foreign matter and Micro testing was completed separately by sub-contracted Laboratory.

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

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

Kelly Greenland

Dr. Kelly Greenland, Lab Director





Sample #: 20846

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Compound	CAS#	LOQ (mg/unit)	mg/unit	mg/g	Relative Concentration
CBGa	25555-57-1		0.2520	0.08542	I
CBD	13956-29-1		0.1224	0.04149	I
d8-THC	5957-75-5		0.0000	ND	
d10/R9-THC			0.0000	ND	
d10/S9-THC			0.0000	ND	
CBDa	1244-58-2		0.0000	ND	
CBDV	24274-48-4		0.0000	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: 10/07/2025 5:28PM

Compound	CAS#	LOQ ()	Relative Concentration
Results based on dry weight			
Beta-myrcene	123-35-3	0.1000	ND
Beta-caryophyllene	87-44-5	0.1000	ND
Limonene	5989-27-5	0.1000	ND
Alpha-pinene	80-56-8	0.1000	ND
Alpha-humulene	6753-98-6	0.1000	ND
Linalool	78-70-6	0.1000	ND

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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	
Guaial	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	
Farnesene	502-61-4	0.1000	ND	

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

Pesticides by LCMSMS

Pass

Analysis Date: 10/08/2025 10:11 am

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

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Pesticides by LCMSMS

Pass

Analysis Date: 10/08/2025 10:11 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Boscalid	0.0100	0.400	ND	Pass
Captan	0.0100	1.00	ND	Pass
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

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Pesticides by LCMSMS

Pass

Analysis Date: 10/08/2025 10:11 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Fludioxonil	0.0100	0.400	ND	Pass
Hexythiazox	0.0100	1.00	ND	Pass
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

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Sample #: 20846

50mg HiiSTiX 2-Pack

Pesticides by LCMSMS

Pass

Analysis Date: 10/08/2025 10:11 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Spinetoram Total	0.0100	1.00	ND	Pass
Spinosad Total	0.0100	0.200	ND	Pass
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.

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/07/2025 5:35 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Freon	50.00	1000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	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, Foreign matter and Micro testing was completed separately by sub-contracted Laboratory.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

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Sample #: 20846

50mg HiiSTiX 2-Pack

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/07/2025 5:35 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 10/08/2025 10:11 am

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: 10/08/2025 9:40 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	ND	Pass
Arsenic	0.00100	1.50	0.00150	Pass
Cadmium	0.00150	0.500	ND	Pass
Chromium	0.280	1100	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, Foreign matter and Micro testing was completed separately by sub-contracted Laboratory.
 Results based on simple acceptance, not taking into consideration measuremental uncertainty.

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Sample #: 20846 50mg HiiSTiX 2-Pack

Heavy Metals by ICPMS		Pass		Analysis Date: 10/08/2025 9:40 am	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Copper	0.0750	300	ND	Pass	
Lead	0.00250	0.500	ND	Pass	
Mercury	0.000500	3.00	ND	Pass	
Nickel	0.0100	20.0	ND	Pass	
Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.					

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Certificate of Analysis

Analytical Test Report

Client: Keystone State Testing	Final Report	MCR-S25-01977 Rev.01.00	Laboratory: MCR Labs Julian England 315-541-4202 800 Broad Street Utica, NY 13501
	Report Date	10/14/2025	
	Lab Permit	OCM-CPL-2022-00008	
	Sample Collection Site	Vestal, NY	
	Sample Collection Date and Time	10/7/2025 14:45	

Sample ID #	Sample Name	Matrix	Sample Type	Date Received
S25-01977	Hiistix	CIP	Adult Use	10/7/2025

Lot #	Lot Size (units)	Number of Units Recieved	Serving Size (g)
006-100PWD2	10000		

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Authorization

Julian England

Lead Technical Director

Case Narrative

These results apply only to the items tested, as received, by MCR Labs New York. The performed testing was for R&D purposes and is not to be construed as regulatory compliance testing.

This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of MCR Labs. Results apply only to the sample supplied to MCR Labs.

Requested Testing

Test	Code	Procedure	Analytes Tested	Disposition
Water Activity	WA	TM-NY-10	Water Activity	Pass
Microbiological Screen	MB	TM-NY-3 TM-NY-8	Total Viable Aerobic Bacteria, Total Yeast and Mold, STEC, Salmonella, Aspergillus	Pass

Water Activity [TM-NY-10]

Analyst: BS

Test Date: 10/11/2025 13:00

Table 1 - S25-01977 Hiistix CIP Water Activity Testing

Test Analysis	Result	Limits	Disposition
Water Activity	0.2837	≤ 0.85	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. Measurement uncertainty is not factored in the disposition.

ND = Not Detected.

Microbiological Screen [TM-NY-3]

Analyst: TC

Test Date: 10/8/2025 11:43

Table 2 - S25-01977 Hiistix CIP Microbiological Testing

Test Analysis	Result	Unit	LOQ	Limits	Disposition
Total Viable Aerobic Bacteria	210	CFU/g	100 CFU/g	10000	Pass
Total Yeast and Mold	<100	CFU/g	100 CFU/g	1000	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.

CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

Microbiological Screen [TM-NY-8]

Analyst: JE

Test Date: 10/8/2025 11:43

Table 3 - S25-01977 Hiistix CIP Microbiological Testing

Test Analysis	Result	Unit	LOQ	Limits	Disposition
STEC	Negative	N/A	1 CFU/g	Not detected in 1g	Pass
Salmonella	Negative	N/A	1 CFU/g	Not detected in 1g	Pass
Aspergillus	Negative	N/A	1 CFU/g	Not detected in 1g	Pass

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.

STEC = Shiga Toxin producing E. coli; CFU = Colony Forming Unit; LOQ = Limit of Quantitation.