



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: 2509SMNY0717.3610



CERTIFICATE OF ANALYSIS
 Permit #: OCM-CPL-00004

Certificate: 11571.1

LOVE DROP POUCHES

Lot #: LOV2.5NY25259-P
 Sample ID: 2509SMNY0717.3610
 Regulatory Category: Adult Use
 Received: 09/25/2025
 Sampling Location: 67 PINE WOOD RD 1
 Hudson, NY 12534

Lot Size: 12500
 Sample Type: Edible
 Amount Received: 32
 Sample Collected: 09/25/2025 02:29 PM
 Published: 10/02/2025



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Tested	Residual Solvents Pass	Pass Sample Status	
Pesticides Pass	Mycotoxins Pass	Water Activity Pass		0.314% Total THC
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested		0.310% Total CBD
	Filth & Foreign Not Tested		0.652 % Total Cannabinoids	

Report Notes: N/A

Kristofer Marsh, Ph.D.

10/02/2025

State Director

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: 10/01/2025 04:59 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)	-	0.3137	9.097
Tetrahydrocannabinolic acid (THCA)	0.002213	<LOQ	<LOQ
Δ8-THC	0.002213	<LOQ	<LOQ
Δ9-THC	0.002213	0.3137	9.097
Δ10-THC-RS	0.002213	<LOQ	<LOQ
Δ10-THC-RR	0.002213	<LOQ	<LOQ
Total Cannabidiol (CBD)	-	0.3097	8.983
Cannabidiolic acid (CBDA)	0.002213	<LOQ	<LOQ
Cannabidiol (CBD)	0.002213	0.3097	8.983
Total Active Tetrahydrocannabivarin (THCV)	-	0.002289	0.06637
Tetrahydrocannabivarinic acid (THCVA)	0.002213	<LOQ	<LOQ
Δ9-THCV	0.002213	0.002289	0.06637
Total Active Cannabigerol (CBG)	-	0.01174	0.3403
Cannabigerolic acid (CBGA)	0.002213	<LOQ	<LOQ
Cannabigerol (CBG)	0.002213	0.01174	0.3403
Cannabidivarin (CBDV)	0.002213	<LOQ	<LOQ
Cannabinol (CBN)	0.002213	0.003475	0.1008
Cannabichromene (CBC)	0.002213	0.01117	0.324

Cannabinoid Totals	Average % (w/w)	mg/serving
Total Cannabinoids	0.6521	18.91

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: 2.9 g

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Terpene Total

Tested (0.0000%)

Sample Analysis

Date: 09/30/2025 05:21 PM

SOP: NY.SOPT.40.090

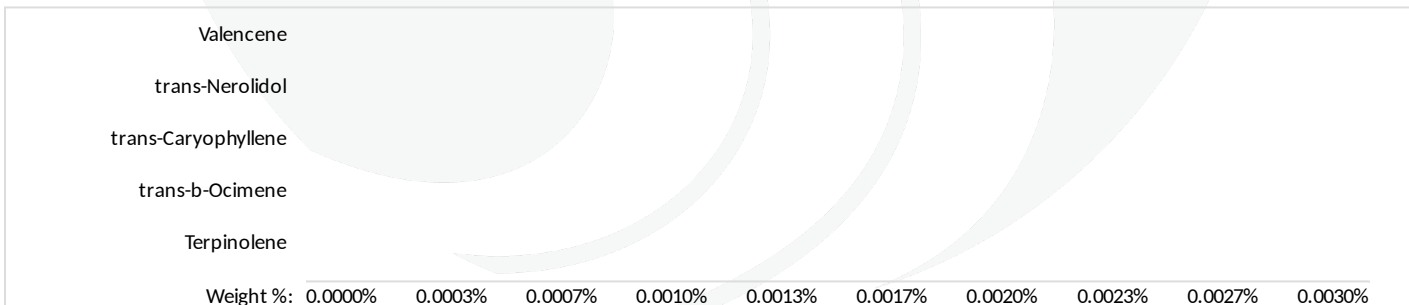
Sample Weight: 0.2259 g

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



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Trace Metals

Pass

Sample Analysis

Date: 09/29/2025 11:02 AM
 Analyzed By: ICP-MS
 Analyst: Moni Kaneti

SOP: NY.SOPT.40.050
 Sample Weight: 0.1413 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	0.0410	PASS
Cadmium (Cd)	0.00200	0.500	0.0130	PASS
Chromium (Cr)	0.00200	1100	0.505	PASS
Copper (Cu)	0.00200	300	0.741	PASS
Lead (Pb)	0.00200	0.500	0.0530	PASS
Mercury (Hg)	0.00200	3.00	<LOQ	PASS
Nickel (Ni)	0.00200	20.0	0.383	PASS

Mycotoxin Analysis

Pass

Sample Analysis

Date: 09/30/2025 05:50 PM
 Analyzed By: LC-MS/MS
 Analyst: Destiny Ribadeneyra

SOP: NY.SOPT.40.180
 Sample Weight: N/A

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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Pesticides LC

Pass

Sample Analysis

Date: 09/30/2025 02:29 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1.0498 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
Etoxazole	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: 09/30/2025 05:47 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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Residual Solvents

Pass

Sample Analysis

Date: 09/30/2025 05:45 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.1065 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	596	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

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Microbial Impurities - MDG

Pass

Sample Analysis

Date: 09/30/2025 04:20 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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Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 10/01/2025 12:16 PM

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	100	10000	2000	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 09/29/2025 01:43 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	100	1000	<LOQ	PASS

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 (845) 202-9737



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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: 2509SMNY0717.3610



SMITHERS

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 11571.1

Water Activity

Pass

Sample Analysis

Date: 09/26/2025 01:34 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	0.26	PASS



Kristofer Marsh, Ph.D.

10/02/2025

State Director

Smithers CTS New York LLC

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



PJLA
 Testing
 Accreditation #: 121747

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