



**Hudson Valley Hemp Company, LLC**  
 Address: 67 Pine Wood Rd., Hudson, NY 12534  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000208  
 Sample ID: 2508SMNY0604.2947

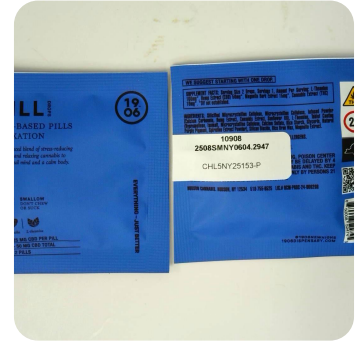


**CERTIFICATE OF ANALYSIS**  
 Permit #: OCM-CPL-00004

Certificate: 10908.2

## CHILL DROP POUCHES

**Lot #:** CHL5NY25153-P **Lot Size:** 6000  
**Sample ID:** 2508SMNY0604.2947 **Sample Type:** Edible  
**Regulatory Category:** Adult Use **Amount Received:** 20  
**Received:** 08/21/2025 **Sample Collected:** 08/21/2025 11:48 AM  
**Sampling Location:** 67 Pine Wood Rd., **Published:** 08/29/2025  
 Hudson, NY 12534



## COMPLIANCE FOR RETAIL

<b>Cannabinoid Profile</b> Pass	<b>Terpenes Total</b> Tested	<b>Residual Solvents</b> Pass	<b>Pass</b> Sample Status	
<b>Pesticides</b> Pass	<b>Mycotoxins</b> Pass	<b>Water Activity</b> Pass		<b>0.669%</b> Total THC
<b>Trace Metals</b> Pass	<b>Microbial Contaminants</b> Pass	<b>Moisture Analysis</b> Not Tested		<b>3.72%</b> Total CBD
	<b>Filth &amp; Foreign</b> Not Tested			<b>4.50 %</b> Total Cannabinoids

**Report Notes:** Amended: Corrected serving weight and updated cannabinoid profile results.

**Weston Owen** 08/29/2025  
 Laboratory Manager

*Weston Owen*

**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: 08/28/2025 04:58 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Tetrahydrocannabinol (THC)	-	0.669	9.87	PASS
Tetrahydrocannabinolic acid (THCA)	0.0500	<LOQ	<LOQ	
Δ8-THC	0.0500	<LOQ	<LOQ	
Δ9-THC	0.0500	0.669	9.87	
Δ10-THC-RS	0.0500	<LOQ	<LOQ	
Δ10-THC-RR	0.0500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	3.72	54.8	PASS
Cannabinadiolic acid (CBDA)	0.0500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0500	3.72	54.8	
Total Active Tetrahydrocannabivarin (THCV)	-	<LOQ	<LOQ	
Tetrahydrocannabivarinic acid (THCVA)	0.0500	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.0500	<LOQ	<LOQ	
Total Active Cannabigerol (CBG)	-	0.0347	0.511	
Cannabigerolic acid (CBGA)	0.0500	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0500	0.0347	0.511	
Cannabidivarin (CBDV)	0.0500	0.0434	0.640	
Cannabinol (CBN)	0.0500	0.0258	0.380	
Cannabichromene (CBC)	0.0500	0.00647	0.0954	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Cannabinoids	4.50	66.3	

† 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: 1.473967 g

Weston Owen 08/29/2025

Laboratory Manager

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Accreditation #: 121747

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**SMITHERS**

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Certificate: 10908.2

**Terpene Total**

**Tested (0.0000%)**

**Sample Analysis**

Date: 08/28/2025 04:58 PM

SOP: NY.SOPT.40.090

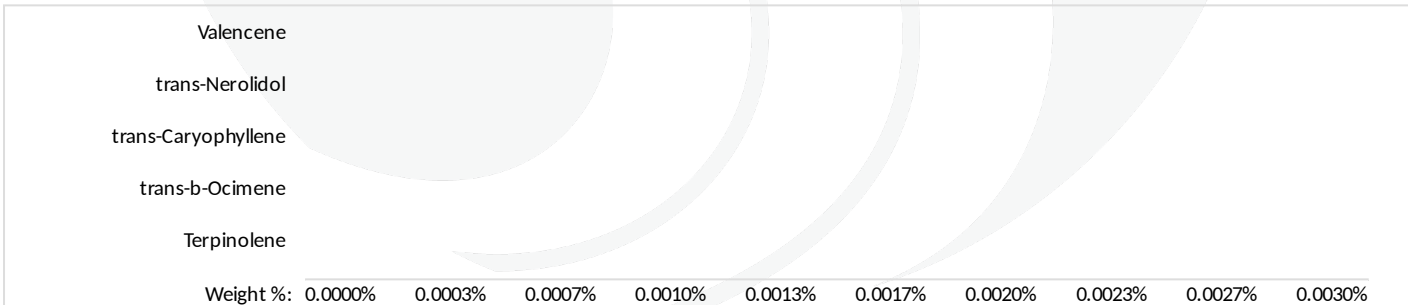
Sample Weight: 0.2249 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

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:** 08/28/2025 04:58 PM

**SOP:** NY.SOPT.40.050

**Analyzed By:** ICP-MS

**Sample Weight:** 0.1375 g

**Analyst:** Moni Kaneti

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	0.0210	PASS
Cadmium (Cd)	0.00200	0.500	0.0170	PASS
Chromium (Cr)	0.00200	1100	0.238	PASS
Copper (Cu)	0.00200	300	0.151	PASS
Lead (Pb)	0.00200	0.500	0.0680	PASS
Mercury (Hg)	0.00200	3.00	0.0120	PASS
Nickel (Ni)	0.00200	20.0	0.168	PASS

**Mycotoxin Analysis**

**Pass**

**Sample Analysis**

**Date:** 08/28/2025 04:58 PM

**SOP:** NY.SOPT.40.180

**Analyzed By:** LC-MS/MS

**Sample Weight:** N/A

**Analyst:** Destiny Ribadeneyra

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:** 08/28/2025 04:58 PM

**SOP:** NY.SOPT.040.270

**Analyzed By:** LC-MS/MS

**Sample Weight:** 1.0135 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
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					

**Weston Owen**     08/29/2025  
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**Pesticides GC**  
  
**Pass**

**Sample Analysis**

**Date:** 08/28/2025 04:58 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:** 08/28/2025 04:58 PM

**SOP:** NYS.SOPT.040.272

**Analyzed By:** GC-MS

**Sample Weight:** 0.1096 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

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**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

**Date:** 08/28/2025 04:58 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: 08/28/2025 04:58 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: 08/28/2025 04:58 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 Yeast and Mold	5	1000	<LOQ	PASS

**Weston Owen**      08/29/2025  
 Laboratory Manager

*Weston Owen*

**Smithers CTS New York LLC**  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 202-9737



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**Hudson Valley Hemp Company, LLC**  
 Address: 67 Pine Wood Rd., Hudson, NY 12534  
 Contact Name:  
 Contact Phone:  
 License #: OCM-PROC-24-000208  
 Sample ID: 2508SMNY0604.2947



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

Certificate: 10908.2

**Water Activity**

**Pass**

**Sample Analysis**

**Date:** 08/28/2025 04:58 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	0.38	PASS



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