



Hudson Valley Hemp Company, LLC
 Address: 67 Pine Wood Rd., Hudson, NY 12534
 Contact Name:
 Contact Phone:
 License #: OCM-PROC-24-000208
 Sample ID: 2511SMNY0889.4374



CERTIFICATE OF ANALYSIS
 Permit #: OCM-CPL-00004

Certificate: 12402.1

Blue Dream - 0.5g Vape

Lot #: HC-BD-K1325 Lot Size: 600
 Sample ID: 2511SMNY0889.4374 Sample Type: Concentrate
 Regulatory Category: Adult Use Amount Received: 2
 Received: 11/13/2025 Sample Collected: 11/13/2025 01:49 PM
 Sampling Location: 67 Pine Wood Rd., Published: 11/21/2025
 Hudson, NY 12534



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Pass	Residual Solvents Pass	Pass Sample Status	
Pesticides Pass	Mycotoxins Pass	Water Activity Not Tested		89.46% Total THC
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested		0.1896% Total CBD
	Filth & Foreign Not Tested		95.23 % Total Cannabinoids	

Report Notes: Bulk testing performed on parent lot HC-BD-K1225.

Weston Owen 11/21/2025
 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: 11/17/2025 01:51 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Dylan Kane

Analyte	LOQ (%)	Average % (w/w)	mg/serving
Total Tetrahydrocannabinol (THC)	-	89.46	4.473
Tetrahydrocannabinolic acid (THCA)	0.1203	<LOQ	<LOQ
Δ8-THC	0.1203	<LOQ	<LOQ
Δ9-THC	0.1203	89.46	4.473
Δ10-THC-RS	0.1203	<LOQ	<LOQ
Δ10-THC-RR	0.1203	<LOQ	<LOQ
Total Cannabidiol (CBD)	-	0.1896	0.00948
Cannabidiolic acid (CBDA)	0.1203	<LOQ	<LOQ
Cannabidiol (CBD)	0.1203	0.1896	0.00948
Total Active Tetrahydrocannabivarin (THCV)	-	0.644	0.0322
Tetrahydrocannabivarinic acid (THCVA)	0.1203	<LOQ	<LOQ
Δ9-THCV	0.1203	0.644	0.0322
Total Active Cannabigerol (CBG)	-	3.619	0.181
Cannabigerolic acid (CBGA)	0.1203	<LOQ	<LOQ
Cannabigerol (CBG)	0.1203	3.619	0.181
Cannabidivarin (CBDV)	0.1203	<LOQ	<LOQ
Cannabinol (CBN)	0.1203	0.3287	0.01643
Cannabichromene (CBC)	0.1203	0.9852	0.04926

Cannabinoid Totals	Average % (w/w)	mg/serving
Total Cannabinoids	95.23	4.761

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: 0.005 g

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Accreditation #: 121747

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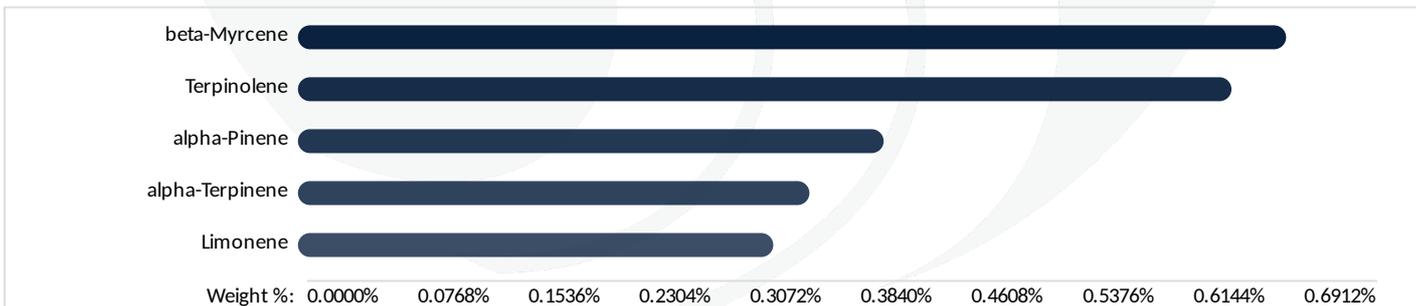
Terpene Total
Pass (3.631%)

Sample Analysis

Date: 11/20/2025 02:52 PM **SOP:** NY.SOPT.40.090
Sample Weight: 0.2167 g **Analyzed By:** GC-MS
Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	0.006600	Fenchol	0.0004000	0.01480
alpha-Bisabolol	0.0005000	0.08090	gamma-Terpinene	0.0004400	<LOQ
alpha-Humulene	0.0005600	0.09320	gamma-Terpineol	0.0003000	<LOQ
alpha-Phellandrene	0.0006600	0.04640	Geraniol	0.0004800	0.04410
alpha-Pinene	0.0004800	0.4097	Geranyl acetate	0.0006200	<LOQ
alpha-Terpinene	0.0002600	0.3578	Guaiol	0.0006000	0.009400
alpha-Terpineol	0.0003400	0.01550	Isoborneol	0.0003400	0.01030
beta-Myrcene	0.0006400	0.6912	Isopulegol	0.0006600	<LOQ
beta-Pinene	0.0006600	0.1485	Limonene	0.0007400	0.3325
Borneol	0.0004600	0.007400	Linalool	0.0004600	0.07560
Camphene	0.0004400	0.01200	Menthol	0.0004600	<LOQ
Camphor	0.0004000	<LOQ	Nerol	0.0005000	<LOQ
Caryophyllene oxide	0.0005800	0.01950	Pulegone (+)	0.0005600	<LOQ
Cedrene	0.0004400	<LOQ	Sabinene	0.0003400	0.1484
Cedrol	0.0005600	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
cis-Nerolidol	0.0006800	0.05150	Terpinolene	0.0005000	0.6530
cis-Ocimene	0.0005200	0.03680	trans-b-Ocimene	0.0004200	<LOQ
Eucalyptol	0.0007200	<LOQ	trans-Caryophyllene	0.0006600	0.2560
Farnesene	0.0008400	0.06230	trans-Nerolidol	0.0007200	0.04720
Fenchone	0.0005000	<LOQ	Valencene	0.0005600	<LOQ

Terpene Totals	%	Pass/Fail
Total Terpenes	3.631	PASS



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Trace Metals

Pass

Sample Analysis

Date: 11/17/2025 11:27 AM
Analyzed By: ICP-MS
Analyst: Moni Kaneti

SOP: NY.SOPT.40.050
Sample Weight: 0.134 g

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)	0.200	2.00	<LOQ	PASS
Arsenic (As)	0.200	0.200	<LOQ	PASS
Cadmium (Cd)	0.200	0.200	<LOQ	PASS
Chromium (Cr)	0.200	110	<LOQ	PASS
Copper (Cu)	0.200	30.0	<LOQ	PASS
Lead (Pb)	0.200	0.500	<LOQ	PASS
Mercury (Hg)	0.0400	0.100	<LOQ	PASS
Nickel (Ni)	0.200	2.00	0.324	PASS

Mycotoxin Analysis

Pass

Sample Analysis

Date: 11/17/2025 11:34 AM
Analyzed By: LC-MS/MS
Analyst: Destiny Ribadeneyra

SOP: NY.SOPT.40.180
Sample Weight: 0.0989 g

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	<LOQ	PASS
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: 11/19/2025 02:39 PM
Analyzed By: LC-MS/MS
Analyst: Destiny Ribadeneyra

SOP: NY.SOPT.040.270
Sample Weight: 1.012 g

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					

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SMITHERS

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Certificate: 12402.1

Pesticides GC

Pass

Sample Analysis

Date: 11/19/2025 04:35 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: 11/17/2025 01:07 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.0963 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: 11/19/2025 02:25 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: 11/19/2025 01:50 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	100	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 11/20/2025 03:17 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	100	1000	<LOQ	PASS

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