



Hudson Valley Hemp Company, LLC
Address: 67 Pine Wood Rd., Hudson, NY 12534
Contact Name:
Contact Phone:
License #: OCM-AUCC-22-000064/OCM-AUCP-22-000019
Sample ID: 2409SMNY0178.0690



Phyto-Farma Labs
a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 6578.1

Sleep Drop Tins

Lot #: SLP5NY24050-T

Sample ID: 2409SMNY0178.0690

Regulatory Category: Adult Use

Received: 10/02/2024

Sampling Location: 67 Pine Wood Rd.,
Hudson, NY 12534

Lot Size: 6812

Sample Type: Edible

Amount Received: 4 units

Sample Collected: 10/01/2024 10:23 PM

Published: 10/07/2024



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Tested	Residual Solvents Pass	Pass Sample Status
Pesticides Pass	Mycotoxins Pass	Water Activity Pass	0.666% Total THC
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested	0.684% Total CBD
	Filth & Foreign Not Tested		1.77 % Total Cannabinoids

Report Notes: N/A

Alicia Caruso-Thomas

Laboratory Director

10/07/2024

Alicia Caruso-Thomas

Phyto-Farma Labs

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



Accreditation #: 121747

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Average Cannabinoid Profile

Pass

Sample Analysis

Date: 10/04/2024 12:33 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	0.666	4.96	
Tetrahydrocannabinolic acid (THCA)	0.500	<LOQ	<LOQ	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	0.666	4.96	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	0.684	5.09	
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.500	0.684	5.09	
Total Active Tetrahydrocannabivarin (THCV)	-	0.00764	0.0569	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	0.00255	0.0190	
Tetrahydrocannabivarin (THCV)	0.500	0.00543	0.0404	
Total Active Cannabigerol (CBG)	-	0.0580	0.431	
Cannabigerolic acid (CBGA)	0.500	0.00460	0.0342	
Cannabigerol (CBG)	0.500	0.0539	0.401	
Cannabidivarin (CBDV)	0.500	0.00507	0.0377	
Cannabinol (CBN)	0.500	0.333	2.47	
Cannabichromene (CBC)	0.500	0.0115	0.0857	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	1.77	13.1	

* Analyte is not included in ISO 17025 scope of accreditation

† 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: 0.744 g

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Terpene Total

Tested (0.01000%)

Sample Analysis

Date: 10/04/2024 09:30 AM

SOP: NY.SOPT.40.090

Sample Weight: 0.4689 g

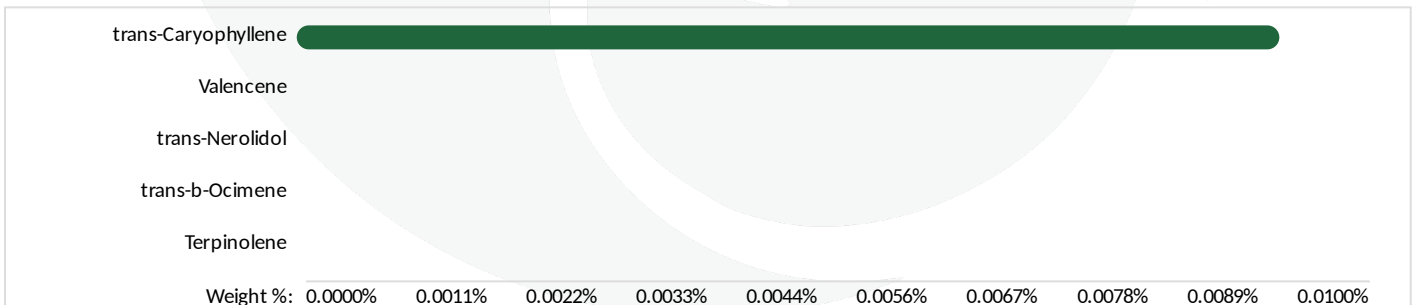
Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ
alpha-Bisabolol	0.0005000	<LOQ
alpha-Humulene	0.0005600	<LOQ
alpha-Phellandrene	0.0006600	<LOQ
alpha-Pinene	0.0004800	<LOQ
alpha-Terpinene	0.0002600	<LOQ
alpha-Terpineol	0.0003400	<LOQ
beta-Myrcene	0.0006400	<LOQ
beta-Pinene	0.0006600	<LOQ
Borneol	0.0004600	<LOQ
Camphene	0.0004400	<LOQ
Camphor	0.0004000	<LOQ
Caryophyllene oxide	0.0005800	<LOQ
Cedrene	0.0004400	<LOQ
Cedrol	0.0005600	<LOQ
cis-Nerolidol	0.0006800	<LOQ
cis-Ocimene	0.0005200	<LOQ
Eucalyptol	0.0007200	<LOQ
Farnesene	0.0008400	<LOQ
Fenchone	0.0005000	<LOQ

Analyte	LOQ (%)	Results (%)
gamma-Terpinene	0.0004400	<LOQ
gamma-Terpineol	0.0003000	<LOQ
Geraniol	0.0004800	<LOQ
Geranyl acetate	0.0006200	<LOQ
Guaol	0.0006000	<LOQ
Isoborneol	0.0003400	<LOQ
Isopulegol	0.0006600	<LOQ
Limonene	0.0007400	<LOQ
Linalool	0.0004600	<LOQ
Menthol	0.0004600	<LOQ
Nerol	0.0005000	<LOQ
Pulegone (+)	0.0005600	<LOQ
Sabinene	0.0003400	<LOQ
Sabinene Hydrate	0.0004200	<LOQ
Terpinolene	0.0005000	<LOQ
trans-b-Ocimene	0.0004200	<LOQ
trans-Caryophyllene	0.0006600	0.01000
trans-Nerolidol	0.0007200	<LOQ
Valencene	0.0005600	<LOQ

Terpene Totals	%	Pass/Fail
Total Terpenes	0.01000	N/A



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Trace Metals

Pass

Sample Analysis

Date: 10/04/2024 12:34 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1234 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	120	<LOQ	PASS
Arsenic (As)*	0.0700	1.50	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.500	<LOQ	PASS
Chromium (Cr)*	0.360	1100	0.387	PASS
Copper (Cu)*	0.390	300	0.425	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	3.00	<LOQ	PASS
Nickel (Ni)*	0.110	20.0	0.152	PASS

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Mycotoxin Analysis

Pass

Sample Analysis

Date: 10/03/2024 11:08 AM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	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: 10/04/2024 02:32 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 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
Chlormequat 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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10/07/2024

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Permit #: OCM-CPL-00004

Certificate: 6578.1

Pesticides GC

Pass

Sample Analysis

Date: 10/04/2024 10:59 AM

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: 10/04/2024 12:22 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.0941 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: 10/07/2024 10:22 AM

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: 10/04/2024 12:35 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	5	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 10/07/2024 10:44 AM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Destiny Ribadeneyra

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<LOQ	PASS
Mold Count	5	1000	<LOQ	PASS
Yeast Count	5	1000	<LOQ	PASS

Water Activity

Pass

Sample Analysis

Date: 10/03/2024 03:37 PM

SOP: NY.SOPT.040.210

Analyzed By: Water Activity Meter

Analyst: Moni Kaneti

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.85	0.39	PASS

Alicia Caruso-Thomas

10/07/2024

Alicia Caruso-Thomas

Laboratory Director

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