



1906 c/o Hudson Valley Hemp Company, LLC  
 Address: 67 Pine Wood Rd., Hudson, NY 12534  
 Contact Name: Suvi Freccia  
 Contact Phone: 518-567-2247  
 License #: OCM-AUCC-22-000064/OCM-AUCP-22-000019  
 Sample ID: 5564

Certificate: 5564.1

## Genius Drop Tins

Lot #: GNS2.5NY24165-T  
 Sample ID: 5564  
 Regulatory Category: Adult Use  
 Received: 07/23/2024  
 Sampling Location: 67 Pine Wood Rd  
 Hudson, NY 12534

Lot Size: 6000  
 Sample Type: Edible  
 Amount Received: 83.28g  
 Sample Collected: 07/23/2024 11:12 AM  
 Published: 07/30/2024



## COMPLIANCE FOR RETAIL

Cannabinoid Profile <b>Pass</b>	Terpenes Total <b>Tested</b>	Residual Solvents <b>Pass</b>	<b>Pass</b> Sample Status	
Pesticides <b>Pass</b>	Mycotoxins <b>Pass</b>	Water Activity <b>Pass</b>		<b>0.356%</b> Total THC
Trace Metals <b>Pass</b>	Microbial Contaminants <b>Pass</b>	Moisture Analysis <b>Not Tested</b>		<b>0.354%</b> Total CBD
	Filth & Foreign <b>Not Tested</b>			<b>1.09 %</b> Total Cannabinoids

Report Notes: N/A

Kyle Rappaport  
 Quality Director

07/30/2024

Phyto-Farma Labs  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 988-0937



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**Phyto-Farma Labs**  
 a Smithers company

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 5564.1

**Average Cannabinoid Profile**

**Pass**

**Sample Analysis**

Date: 07/29/2024 06:55 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)	-	0.356	2.47	PASS
Tetrahydrocannabinolic acid (THCA)	0.500	0.00346	0.0240	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	0.353	2.45	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	0.354	2.45	PASS
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.500	0.354	2.45	
Total Active Tetrahydrocannabivarin (THCV)	-	<LOQ	<LOQ	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.500	<LOQ	<LOQ	
Total Active Cannabigerol (CBG)	-	0.350	2.43	PASS
Cannabigerolic acid (CBGA)	0.500	0.00462	0.0321	
Cannabigerol (CBG)	0.500	0.346	2.40	
Cannabidivarin (CBDV)	0.500	0.00143	0.00993	
Cannabinol (CBN)	0.500	0.0158	0.109	
Cannabichromene (CBC)	0.500	0.00848	0.0588	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Cannabinoids	1.09	7.53	

\* 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: .694 g

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

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## Terpene Total

Tested (0.02000%)

## Sample Analysis

Date: 07/30/2024 07:04 PM

SOP: NY.SOPT.40.090

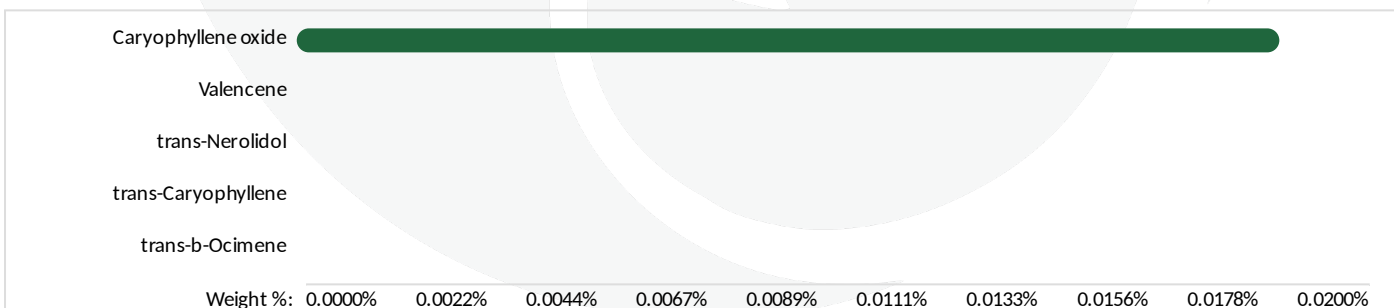
Sample Weight: 0.1863 g

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	Guaial	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	0.02000	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	0.02000	N/A



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**Trace Metals**

**Pass**

**Sample Analysis**

Date: 07/29/2024 03:03 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1279 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	0.194	PASS
Cadmium (Cd)*	0.0600	0.500	<LOQ	PASS
Chromium (Cr)*	0.360	1100	0.446	PASS
Copper (Cu)*	0.390	300	5.23	PASS
Lead (Pb)*	0.0800	0.500	0.0970	PASS
Mercury (Hg)*	0.0100	3.00	<LOQ	PASS
Nickel (Ni)*	0.110	20.0	1.23	PASS

\* Analyte is not included in ISO 17025 scope of accreditation

**Mycotoxin Analysis**

**Pass**

**Sample Analysis**

Date: 07/25/2024 09:00 PM

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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Accreditation #: 121747

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Certificate: 5564.1

**Pesticides LC**

**Pass**

**Sample Analysis**

**Date:** 07/29/2024 03:07 PM      **SOP:** NY.SOPT.040.270  
**Analyzed By:** LC-MS/MS      **Sample Weight:** 1.0491 g  
**Analyst:** Stephanie Knapp

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	0.0875	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					

\* Analyte is not included in ISO 17025 scope of accreditation

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 Quality Director

07/30/2024

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 Sample ID: 5564

Certificate: 5564.1

**Pesticides GC**

**Pass**

**Sample Analysis**

**Date:** 07/29/2024 06:19 PM      **SOP:** NYS.SOPT.040.271  
**Analyzed By:** GC-MS/MS      **Sample Weight:** N/A  
**Analyst:** Stephanie Knapp

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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Certificate: 5564.1

**Residual Solvents**

**Pass**

**Sample Analysis**

Date: 07/29/2024 03:33 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.1039 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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PJLA Testing  
 Accreditation #: 121747

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**CERTIFICATE OF ANALYSIS**

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Certificate: 5564.1

**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

Date: 07/30/2024 04:28 PM

SOP: NYS.SOPT.40.273

Analyzed By: PCR

Analyst: Lindsey Vento

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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 Address: 67 Pine Wood Rd., Hudson, NY 12534  
 Contact Name: Suvi Freccia  
 Contact Phone: 518-567-2247  
 License #: OCM-AUCC-22-000064/OCM-AUCP-22-000019  
 Sample ID: 5564



**Phyto-Farma Labs**  
 a Smithers company

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 5564.1

**Microbial Impurities - TAPC**

**Pass**

**Sample Analysis**

Date: 07/25/2024 04:53 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: 07/26/2024 05:26 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
Mold Count	5	1000	<LOQ	PASS
Yeast Count	5	1000	<LOQ	PASS

**Water Activity**

**Pass**

**Sample Analysis**

Date: 07/30/2024 08:07 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	0.32	PASS

Kyle Rappaport

07/30/2024

Quality Director

**Phyto-Farma Labs**  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 988-0937



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