



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Results Summary

Cannabinoids Profile	
Terpenes	
Trace Metals	PASS
Mycotoxins	PASS
Pesticides LC	PASS
Pesticides GC	PASS
Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Filth and Foreign Material	PASS
Moisture Content	PASS
Water Activity	PASS

Client Name: Hudson Valley Cannabis LLC
Contact Name: Lucas Seymour
Address: 67 Pine Wood Rd
 Hudson, NY 12534
Phone: 518-567-2247
License Number: OCM-AUCC-22-000064/OCM-AUCP-22-000019

Sample Description: Farmer's Blend 7-Pack
Lot Number: HC-P-A1824
Regulatory Category: Adult Use
Sample Matrix: Un-Extracted
Delivery Method: Inhalation
Sample Type: Flower
Sample Subtype: Preroll
Sampling Site: 67 Pine Wood Road Hudson NY 12534
Sampling Date and Time: 01/19/2024 12:00 PM

This is a Phyto-farma certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Phyto-farma. Test results are confidential, unless explicitly waived. All Pass/Fail results please reference state regulations released on 04JAN2023. Pass/Fail results do not use uncertainty, but is available upon request. The product represented has been tested by Phyto-farma Labs using validated scientific methodologies. Note action levels are state determined thresholds for human safety and consumption. Acronym Definitions: ND - Not Detected, LOQ - Limit of Quantification, ULOQ - Upper Limit of Quantification; are terms used to describe the reliably measured smallest and largest concentrations. <LOQ* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units. Cannabis Product Sampling SOP# SOP.T.20.010.

Certificate Of Analysis

Cannabinoids Profile

Date analyzed: 01/29/2024

Method: NY.SOP.T.40.260

Analyst: Destiny Ribadeneyra

Date started: 01/23/2024 08:04 AM

Analyte	Result (%w/w)	LOQ (µg/mL)	Result (mg/serving)
Δ8-THC†	<LOQ	0.6	<LOQ
Δ9-THC†	1.57	0.66	7.83
Δ10-THC-RS†	<LOQ	0.6	<LOQ
Δ10-THC-RR†	<LOQ	0.6	<LOQ
Tetrahydrocannabinolic acid (THCA)†	29	0.6	144.99
Tetrahydrocannabivarin (THCV)	<LOQ	0.6	<LOQ
Cannabidiol (CBD)*	<LOQ	0.6	<LOQ
Cannabinadiolic acid (CBDA)*	<LOQ	0.6	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.6	<LOQ
Cannabinol (CBN)	<LOQ	0.6	<LOQ
Cannabigerol (CBG)	<LOQ	0.6	<LOQ
Cannabigerolic acid (CBGA)	<LOQ	0.6	<LOQ
Cannabichromene (CBC)	<LOQ	0.6	<LOQ
†Total Tetrahydrocannabinol (THC)	27	-	134.99
*Total Cannabidiol (CBD)	0	-	0
Total Cannabinoids	27	-	134.99

Analyzed by HPLC

V125.44

Certificate Of Analysis

Terpenes

Date analyzed: 01/26/2024

Method: NY.SOP.T.40.090

Analyst: Lucia Orellana

Date started: 01/25/2024 01:07 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	0.07	0.02
alpha-Humulene	0.13	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	<LOQ	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	<LOQ	0.02
beta-Myrcene	0.06	0.03
beta-Pinene	<LOQ	0.03
Borneol	<LOQ	0.02
Camphene	<LOQ	0.02
Camphor	<LOQ	0.02
Caryophyllene oxide	<LOQ	0.03
Cedrene	<LOQ	0.02
Cedrol	<LOQ	0.03
cis-Nerolidol	<LOQ	0.03
cis-Ocimene	<LOQ	0.03
Eucalyptol	<LOQ	0.04
Farnesene	<LOQ	0.04
Fenchol	<LOQ	0.02
Fenchone	<LOQ	0.03
gamma-Terpinene	<LOQ	0.02
gamma-Terpineol	<LOQ	0.02
Geraniol	<LOQ	0.02
Geranyl Acetate	<LOQ	0.03



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Guaiol	<LOQ	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.06	0.04
Linalool	0.02	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	<LOQ	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	0.38	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL (%)	0.72	Overall Status (Pass/Fail)
Limit (%)	10	PASS

Analyzed by GCMS

V151.12



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Trace Metals

PASS

Date analyzed: 01/31/2024

Method: NY.SOP.T.40.050

Analyst: Moni Kaneti

Date started: 01/24/2024 11:30 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	16.985	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	0.019	0.01	0.1	PASS
Nickel (Ni)	0.441	0.11	5	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.36



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Mycotoxins

PASS

Date analyzed: 01/26/2024

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 01/22/2024 11:28 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	<LOQ	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0	-	0.02	PASS
Ochratoxin A	<LOQ	0.002	0.02	PASS
			Overall Status	PASS

Analysis Instrument 30 LC-MS TQ

V141.3

This is a Phyto-farma certification that relates only to the material tested and shall not be reproduced, unless in its entirety, without written approval from Phyto-farma. Test results are confidential, unless explicitly waived. All Pass/Fail results please reference state regulations released on 04.JAN.2023. Pass/Fail results do not use uncertainty, but is available upon request. The product represented has been tested by Phyto-farma Labs using validated scientific methodologies. Note action levels are state determined thresholds for human safety and consumption. Acronym Definitions: ND - Not Detected, LOQ - Limit of Quantification, ULOQ - Upper Limit of Quantification; are terms used to describe the reliably measured smallest and largest concentrations. <LOQ* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units. Cannabis Product Sampling SOP# SOP.T.20.010.

Certificate Of Analysis

Pesticides LC

PASS

Date analyzed: 01/26/2024

Method: NY.SOP.T.040.270

Analyst: Destiny Ribadeneyra

Date started: 01/22/2024 11:11 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Abamectin	<LOQ	0.02	0.5	PASS
Acephate	<LOQ	0.01	0.4	PASS
Acequinocyl	<LOQ	0.02	2	PASS
Acetamiprid	<LOQ	0.01	0.2	PASS
Aldicarb	<LOQ	0.01	0.4	PASS
Azadirachtin	<LOQ	0.02	1	PASS
Azoxystrobin	<LOQ	0.01	0.2	PASS
Bifenazate	<LOQ	0.01	0.2	PASS
Bifenthrin	<LOQ	0	0.2	PASS
Boscalid	<LOQ	0.01	0.4	PASS
Carbaryl	<LOQ	0.01	0.2	PASS
Carbofuran	<LOQ	0.01	0.2	PASS
Chlorantraniliprole	<LOQ	0.01	0.2	PASS
Chlormequat chloride	<LOQ	0.02	1	PASS
Chlorpyrifos	<LOQ	0.01	0.2	PASS
Clofentezine	<LOQ	0.01	0.2	PASS
Daminozide	<LOQ	0	1	PASS
Diazinon	<LOQ	0.01	0.2	PASS
Dichlorvos	<LOQ	0.01	1	PASS
Dimethoate	<LOQ	0.01	0.2	PASS
Dimethomorph	<LOQ	0.01	1	PASS
Ethoprophos	<LOQ	0.01	0.2	PASS
Etofenprox	<LOQ	0	0.4	PASS
Etoazole	<LOQ	0.01	0.2	PASS
Fenhexamid	<LOQ	0.01	1	PASS

Certificate Of Analysis

Fenoxycarb	<LOQ	0.01	0.2	PASS
Fenpyroximate	<LOQ	0	0.4	PASS
Flonicamid	<LOQ	0.01	1	PASS
Fludioxonil	<LOQ	0.02	0.4	PASS
Hexythiazox	<LOQ	0	1	PASS
Imidacloprid	<LOQ	0.01	0.4	PASS
Indole-3-butyric acid	<LOQ	0.01	1	PASS
Kresoxim methyl	<LOQ	0.01	0.4	PASS
Malathion	<LOQ	0.01	0.2	PASS
Metalaxyl	<LOQ	0.01	0.2	PASS
Methiocarb	<LOQ	0	0.2	PASS
Methomyl	<LOQ	0.01	0.4	PASS
Mevinphos	<LOQ	0.02	1	PASS
MGK-264	<LOQ	0.01	0.2	PASS
Myclobutanil	<LOQ	0.01	0.2	PASS
Naled	<LOQ	0	0.5	PASS
Oxamyl	<LOQ	0.01	1	PASS
Paclobutrazol	<LOQ	0.01	0.4	PASS
Permethrins, Total	<LOQ	0.01	0.2	PASS
Phosmet	<LOQ	0.01	0.2	PASS
Piperonyl Butoxide	<LOQ	0.01	2	PASS
Prallethrin	<LOQ	0.01	0.2	PASS
Propiconazole	<LOQ	0.01	0.4	PASS
Propoxur	<LOQ	0.01	0.2	PASS
Pyrethrins	<LOQ	0.01	1	PASS
Pyridaben	<LOQ	0.01	0.2	PASS
Spinetoram, Total	<LOQ	0	1	PASS
Spinosad, Total	<LOQ	0.01	0.2	PASS
Spiromesifen	<LOQ	0.01	0.2	PASS
Spirotetramat	<LOQ	0.01	0.2	PASS
Spiroxamine	<LOQ	0	0.2	PASS



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Tebuconazole	<LOQ	0.01	0.4	PASS
Thiacloprid	<LOQ	0.01	0.2	PASS
Thiamethoxam	<LOQ	0.01	0.2	PASS
Overall Status				PASS

Analysis Instrument 30 Agilent LS-MS TQ

V144.9

Pesticides GC

PASS

Date analyzed: 01/25/2024 **Method:** NYS.SOP.T.040.271 **Analyst:** Stephanie Knapp

Date started: 01/22/2024 11:10 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Captan	<LOQ	0.3	1	PASS
Chlordane	<LOQ	0.07	1	PASS
Chlorfenapyr	<LOQ	0.1	1	PASS
Coumaphos	<LOQ	0.19	1	PASS
Cyfluthrin	<LOQ	0.11	1	PASS
Cypermethrin	<LOQ	0.24	1	PASS
Fipronil	<LOQ	0.17	0.4	PASS
Imazalil	<LOQ	0.17	0.2	PASS
Methyl parathion	<LOQ	0.09	0.2	PASS
Pentachloronitrobenzene	<LOQ	0.17	1	PASS
Trifloxystrobin	<LOQ	0.11	0.2	PASS
Overall Status				PASS

Analysis Instrument 141 GC/TQ

V177.8



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)

PASS

Date analyzed: 01/24/2024

Method: NYS.SOP.T.40.273

Analyst: Kristy Lee

Date started: 01/22/2024 10:45 AM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacteria	Not Detected	PASS
Salmonella species	Bacteria	Not Detected	PASS
Aspergillus flavus	Fungal	Not Detected	PASS
Aspergillus niger	Fungal	Not Detected	PASS
Aspergillus terreus	Fungal	Not Detected	PASS
Aspergillus fumigatus	Fungal	Not Detected	PASS
		Overall Status	PASS

Analysis Instrument

125 Agilent AriaMx Real-time PCR System

V182.2

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 01/24/2024

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 01/22/2024 10:45 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
1200000	5	N/A	PASS

Analysis Instrument

87 Colony Counter

V149.7



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

Compliance

Certificate Of Analysis

Microbial Impurities (Total Yeast and Mold/CDP-YMR)

PASS

Date analyzed: 01/25/2024

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 01/25/2024 10:29 AM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	17000	5	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	17000		N/A	PASS
			Overall Status	PASS
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>			

V150.9

Filth and Foreign Material

PASS

Date analyzed: 01/22/2024

Method: NYS.SOP.T.040.250

Analyst: Destiny Ribadeneyra

Date started: 01/22/2024 11:58 AM

Analyte	Result	LOQ	Allowable Limit	Pass/Fail
Mammalian excreta (mg/lb)	0	0	1	PASS
Stems >3mm in diameter (%)	0	0	5	PASS
Other Foreign Material (%)	0	0	2	PASS
			Overall Status	PASS

V142.8



Phyto-farma Labs
49 John Hicks Drive
Warwick, NY 10990
Permit#: OCM-CPL-2022-00004
Phone: 845-988-0937

Compliance

Certificate Of Analysis

Moisture Content

PASS

Date analyzed: 01/25/2024

Method: NY.SOP.T.040.220

Analyst: Lucia Orellana

Date started: 01/20/2024 09:18 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
12.2	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

Water Activity

PASS

Date analyzed: 01/25/2024

Method: NY.SOP.T.040.210

Analyst: Destiny Ribadeneyra

Date started: 01/22/2024 11:13 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.47	0.25	0.65	PASS

Analyzed by Water Activity Meter

V131.62

Sample Comment: Amended: Removed duplicate terpene results.

Alicia Caruso-Thomas

Alicia Caruso-Thomas
Laboratory Director
02/01/2024