



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

Compliance

Certificate Of Analysis

Client Name: Hudson River Hemp LLC

Contact Name: Ryan McGrath

Address: 1028 Main St Fishkill NY 12524

Phone: 914-589-3712

License Number: OCM-AUCC022-000047

Sample Description: 5 Pack 1/2 Gram Pre-roll Flower

Lot Number: 22.1.19.69.P

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: Pre Roll

Sampling Site: On-site

Sampling Date and Time: 06/29/2023 04:00 PM

Results Summary

Average Cannabinoid Profile	
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS

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Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS
Trace Metals	PASS
Water Activity	PASS

Average Cannabinoid Profile

Date analyzed: 07/26/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 07/26/2023 09:40 AM

Analyte	Average (%w/w)	mg/serving	Standard Deviation (mg/serving)	Homogeneity Pass/Fail*	LOQ (%w/w)
Δ8-THC†	<LOQ	<LOQ	-	-	0.02
Δ9-THC†	2.83	99.05	13.34	PASS	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	22.91	801.99	55.27	PASS	0.02
Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	-	-	0.02
Cannabidiol (CBD)*	<LOQ	<LOQ	-	-	0.02
Cannabinadiolic acid (CBDA)*	<LOQ	<LOQ	-	-	0.02
Cannabidivarin (CBDV)	<LOQ	<LOQ	-	-	0.02
Cannabinol (CBN)	<LOQ	<LOQ	-	-	0.02
Cannabigerol (CBG)	<LOQ	<LOQ	-	-	0.02
Cannabigerolic acid (CBGA)	0.95	33.18	2.44	PASS	0.02
Cannabichromene (CBC)	<LOQ	<LOQ	-	-	0.02
†Total Tetrahydrocannabinol (THC)	22.92	802.39	55.48	PASS	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A

V158.21



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

PASS

Date analyzed: 07/06/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 07/06/2023 02:44 PM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Escherichia coli specific gene	Bacteria	Not Detected	PASS
Escherichia coli/Shigella species	Bacteria	Not Detected	PASS
Salmonella species	Bacteria	Not Detected	PASS
stx1 gene (Shiga Toxin Gene 1)	Bacteria	Not Detected	PASS
stx2 gene (Shiga Toxin Gene 2)	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

PathogenDX-Sensovation AG 33

V133.11

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 07/06/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/03/2023 04:25 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
200000	5	N/A	PASS

Analysis Instrument

87 Colony Counter

V149.7

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

PASS

Date analyzed: 07/07/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/03/2023 04:32 PM

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

V150.9

Moisture Content

PASS

Date analyzed: 07/14/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 07/13/2023 08:02 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
13	0.0	5.0 - 15.0	PASS
<i>Analysis Instrument</i>	<i>4 Moisture Balance</i>		

V140.28



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Mycotoxins

PASS

Date analyzed: 07/12/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 07/06/2023 03:03 PM

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

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Pesticides

PASS

Date analyzed: 07/19/2023

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

Date started: 07/05/2023 12:39 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Azadirachtin	<LOQ	0.37	1	PASS
Cinerin I†	<LOQ	0.02	1	PASS
Indole-3-butyric Acid	<LOQ	1.26	1	PASS
Jasmolin I†	<LOQ	0.02	1	PASS
Myclobutanil	<LOQ	0.3	0.2	PASS
Piperonyl butoxide	<LOQ	0.21	2	PASS
Pyrethrin I†	<LOQ	0.43	1	PASS
Total Pyrethrins†	0		1	PASS
			Overall Status	PASS
Analysis Instrument	30 LC-MS TQ			

V144.5

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Trace Metals

PASS

Date analyzed: 07/14/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

Date started: 07/11/2023 10:02 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)	17.82	0.39	30	PASS
Lead (Pb)	0.12	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	1.27	0.11	2	PASS
Overall Status				PASS

Analysis Instrument

Equipment ID: 1 ICP-MS

Water Activity

PASS

Date analyzed: 07/12/2023

Method: NY.SOP.T.040.210

Analyst: Destiny Ribadeneyra

Date started: 07/11/2023 11:22 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.56	0.25	0.65	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.60

Sample Comment: N/A



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Kyle Rappaport
Quality Director
07/26/2023