



HV Ag Corp (High Falls Hemp New York)
Address: [REDACTED] High Falls, NY 12440
Contact Name: Brandon Thompson
Contact Phone:
License #: OCM-AUCC-22-000215
Sample ID: 5446



Phyto-Farma Labs
a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5446.1

Killer Queen Prepacks

Lot #: 24-PP0006-1
Sample ID: 5446
Regulatory Category: Adult Use
Received: 07/16/2024
Sampling Location: [REDACTED] High Falls, NY 12440

Lot Size: 3200
Sample Type: Flower
Amount Received: 8
Sample Collected: 07/15/2024 01:34 PM
Published: 07/22/2024



COMPLIANCE FOR RETAIL

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

Report Notes: N/A

Alicia Caruso-Thomas

Laboratory Director

07/22/2024

Alicia Caruso-Thomas

Phyto-Farma Labs

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



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 01FEB2024. 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.



HV Ag Corp (High Falls Hemp New York)
Address: [REDACTED] High Falls, NY 12440
Contact Name: Brandon Thompson
Contact Phone:
License #: OCM-AUCC-22-000215
Sample ID: 5446



Phyto-Farma Labs
a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5446.1

Trace Metals

Pass

Sample Analysis

Date: 07/19/2024 11:28 AM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1333 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<LOQ	PASS
Arsenic (As)*	0.0700	0.200	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.300	0.140	PASS
Chromium (Cr)*	0.360	110	<LOQ	PASS
Copper (Cu)*	0.390	30.0	16.4	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	5.00	1.16	PASS

* Analyte is not included in ISO 17025 scope of accreditation

Mycotoxin Analysis

Pass

Sample Analysis

Date: 07/22/2024 10:39 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

Alicia Caruso-Thomas

07/22/2024

Alicia Caruso-Thomas

Laboratory Director

Phyto-Farma Labs

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



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 01FEB2024. 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.



HV Ag Corp (High Falls Hemp New York)
Address: [REDACTED] High Falls, NY 12440
Contact Name: Brandon Thompson
Contact Phone:
License #: OCM-AUCC-22-000215
Sample ID: 5446



Phyto-Farma Labs
a Smithers company

CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5446.1

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 07/17/2024 04:19 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

Alicia Caruso-Thomas

07/22/2024

Alicia Caruso-Thomas

Laboratory Director

Phyto-Farma Labs

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



Accreditation #: 121747

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 01FEB2024. 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.



HV Ag Corp (High Falls Hemp New York)
Address: [REDACTED] High Falls, NY 12440
Contact Name: Brandon Thompson
Contact Phone:
License #: OCM-AUCC-22-000215
Sample ID: 5446



Phyto-Farma Labs
a Smithers company

CERTIFICATE OF ANALYSIS
Permit #: OCM-CPL-00004

Certificate: 5446.1

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 07/19/2024 11:09 AM 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	N/A	500000	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 07/22/2024 10:55 AM 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	N/A	80	PASS
Mold Count	5	N/A	80	PASS
Yeast Count	5	N/A	<LOQ	PASS

Alicia Caruso-Thomas

Laboratory Director

07/22/2024

Alicia Caruso-Thomas

Phyto-Farma Labs

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



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 01FEB2024. 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

Results Summary

Client Name: HV Ag Corp (High Falls Hemp New York)

Contact Name: Rick Weissman

Address: [REDACTED]

High Falls, NY 12440

Phone: 201-310-3337

License Number: OCM-AUCC-22-000215

Sample Description: Killer Queen HV (23)

Lot Number: 24-F0006-1

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: Trimmed Buds

Sampling Site: 434 Mettakahonts Rd, Accord NY, 12404

Sampling Date and Time: 12/06/2023 10:16 AM

Cannabinoids Profile

Terpenes

Filth and Foreign Material	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
---	------

Moisture Content	PASS
------------------	------

Mycotoxins	PASS
------------	------

Pesticides	PASS
------------	------

Pesticides cont.	PASS
------------------	------

Trace Metals	PASS
--------------	------

Water Activity	PASS
----------------	------

Certificate Of Analysis

Cannabinoids Profile

Date analyzed: 12/13/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 12/13/2023 10:29 AM

Analyte	Result (%w/w)	LOQ (µg/mL)	Result (mg/serving)
Δ8-THC†	<LOQ	0.6	<LOQ
Δ9-THC†	<LOQ	0.66	<LOQ
Δ10-THC-RS†	<LOQ	0.6	<LOQ
Δ10-THC-RR†	<LOQ	0.6	<LOQ
Tetrahydrocannabinolic acid (THCA)†	23.14	0.6	23.14
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)	20.29	-	20.29
*Total Cannabidiol (CBD)	0	-	0
Total Cannabinoids	20.29	-	20.29

Analyzed by HPLC

V125.42

Certificate Of Analysis

Terpenes

Date analyzed: 12/12/2023

Method: NY.SOP.T.40.090

Analyst: Alicia Caruso-Thomas

Date started: 12/07/2023 04:21 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	0.1	0.02
alpha-Humulene	0.2	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	0.4	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	<LOQ	0.02
beta-Myrcene	0.4	0.03
beta-Pinene	0.1	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

Certificate Of Analysis

Guaiol	0.1	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.1	0.04
Linalool	<LOQ	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	0.1	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	0.4	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL	1.9	

Analysis Instrument

29 GC-MS

V151.6

Certificate Of Analysis

Filth and Foreign Material

PASS

Date analyzed: 12/13/2023

Method: NYS.SOP.T.040.250

Analyst: Destiny Ribadeneyra

Date started: 12/12/2023 11:06 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

Analysis Instrument

123 Balance - Radwag

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

PASS

Date analyzed: 12/13/2023

Method: NYS.SOP.T.40.273

Analyst: Lindsey Vento

Date started: 12/06/2023 05:00 PM

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

Certificate Of Analysis

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 12/10/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/06/2023 05:01 PM

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

Analysis Instrument

87 Colony Counter

V149.7

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

PASS

Date analyzed: 12/13/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 12/06/2023 05:02 PM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	290000	5	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	290000		N/A	PASS
			Overall Status	PASS

Analysis Instrument

87 Colony Counter

V150.9

Certificate Of Analysis

Moisture Content

PASS

Date analyzed: 12/12/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 12/12/2023 02:11 PM

Result (%)	LOQ	Allowable Limit	Pass/Fail
12.7	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

Mycotoxins

PASS

Date analyzed: 12/14/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 12/11/2023 07:31 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

Certificate Of Analysis

Pesticides

PASS

Date analyzed: 12/14/2023

Method: NY.SOP.T.040.270

Analyst: Stephanie Knapp

Date started: 12/11/2023 03:39 PM

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
Etoxazole	<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

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 cont.

PASS

Date analyzed: 12/15/2023

Method: NYS.SOP.T.040.271

Analyst: Destiny Ribadeneyra

Date started: 12/11/2023 07:32 PM

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

V177.7

Certificate Of Analysis

Trace Metals

PASS

Date analyzed: 12/13/2023

Method: NY.SOP.T.40.050

Analyst: Moni Kaneti

Date started: 12/11/2023 03:30 PM

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)	0.16	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	15.919	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	1.73	0.11	5	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.33

Water Activity

PASS

Date analyzed: 12/07/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 12/07/2023 01:20 PM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.43	0.25	0.65	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.60

Sample Comment: N/A



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

Compliance

Certificate Of Analysis

Alicia Caruso-Thomas

Alicia Caruso-Thomas
Laboratory Director
12/15/2023