

49 John Hicks Drive Warwick, NY 10990

Permit#: OCMPPL-2022-00004

Phone: 845-988-0937

Certificate Of Analysis

R&D

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

Address: 641 Berme Road High Falls, NY 12440

Phone: 201-310-3337

License Number: OCM-AUCC-22-000215

Sample Description: Cultivar 012 Flower

Lot Number: 22-006-02

Regulatory Category: Adult Use Sample Matrix: Un-Extracted Delivery Method: Inhalation

Results Summary

Cannabinoids Profile



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DI- --- -- 0.4E 0.00 0.007

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Cannabinoids Profile

Date analyzed: 02/16/2023 Method: NY.SOP.T.40.260 Analyst: Lucia Orellana

Analyte	Result (%w/w)	LOQ (%w/w)	Result (mg/serving)
Δ8-THC†	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Δ9-ΤΗС†	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Δ10-THC-RS†	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Δ10-THC-RR†	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Tetrahydrocannabinolic acid (THCA)†	20.49	0.02	204.9
Tetrahydrocannabivarin (THCV)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabidiol (CBD)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabinadiolic acid (CBDA)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabidivarin (CBDV)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabinol (CBN)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabigerol (CBG)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabigerolic acid (CBGA)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
Cannabichromene (CBC)	<loq< td=""><td>0.02</td><td><loq< td=""></loq<></td></loq<>	0.02	<loq< td=""></loq<>
†Total Tetrahydrocannabinol (THC)	17.97		179.7
	404 4474 0		

Analysis Instrument 131 HPLC

V125.22

Alicia Caruso-Thomas

Alicia Caruso-Thomas Laboratory Director 02/16/2023

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Address: 641 Berme Road High Falls, NY 12440 Phone: 201-310-3337

License Number: OCM-AUCC-22-000215

Sample Description: Line - Flower - Hudson Valley Gelato; Hudson Valley Biscotti; Grimm Glue HV; Queen of

Soul HV

Lot Number: Line - 23-F0005; 23-F0006; 23-F0007; 23-

F0008

Regulatory Category: Adult Use Sample Matrix: Un-Extracted Delivery Method: Inhalation

Water Activity

Results Summary Filth and Foreign Material **PASS** Microbial Impurities (CDP-**PASS** TC) Microbial Impurities (CDP-**PASS** YMR) Microbial Impurities (PdX for STEC, Salmonella, Asp **PASS** sp.) Moisture Content **PASS** Mycotoxins **PASS Pesticides PASS Trace Metals PASS**

PASS



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0.01

Compliance

Certificate Of Analysis

Overall Status

PASS

PASS

Filth and	

Other Foreign Material (%)

PASS

Date analyzed: 03/20/2023	Method: NYS	S.SOP.T.040.250	Analyst: Destiny Ribadeneyra	
Analyte	Result	LOQ	Allowable Limit	Pass/Fail
Mammalian excreta (mg/lb)	0	0	1	PASS
Stems >3mm in diameter (%)	0.28	0	5	PASS

Analysis Instrument 123 Balance - Radwag

Microbial Impurities (CDP-TC)

PASS

Date analyzed: 03/24/2023 Method: NYS.SOP.T.040.200 Analyst: Destiny Ribadeneyra

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

Analysis Instrument 87 Colony Counter

V149.5

Microbial Impurities (CDP-YMR)

PASS

Date analyzed: 03/20/2023	Method: NYS.SOP. 1.040.200	Analyst: Destiny Ribadeneyra

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

Analysis Isntrument 87 Colony Counter

V150.6

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Certificate Of Analysis

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

PASS

Compliance

Date analyzed: 03/28/2023 Method: NY.SOP.T.040.170 Analyst: Kristy Lee

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

Date analyzed: 03/24/2023 **Method:** NY.SOP.T.040.220 **Analyst:** Destiny Ribadeneyra

Result (%)	LOQ	Allowable Limit	Pass/Fail
11.9	0.0	5.0 - 15.0	PASS

Analysis Instrument 4 Moisture Balance

V140.28



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Mycotoxins PASS

Date analyzed: 03/24/2023 Method: NY.SOP.T.40.180 Analyst: Alicia Caruso-Thomas

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

Analysis Instrument 30 LC-MS TQ

V141.3

Compliance

Pesticides				PASS
Date analyzed: 03/28/2023	Method: NY.SC	DP.T.040.230	Analyst: Alicia Carus	o-Thomas
Analyte	Result (μg/g)	LOQ	Allowable Limit	Pass/Fail
Azadirachtin	<loq< td=""><td>0.37</td><td>1</td><td>PASS</td></loq<>	0.37	1	PASS
Cinerin I†	<loq< td=""><td>0.02</td><td>1</td><td>PASS</td></loq<>	0.02	1	PASS
Indole-3-butyric Acid	<loq< td=""><td>1.26</td><td>1</td><td>PASS</td></loq<>	1.26	1	PASS
Jasmolin I†	<loq< td=""><td>0.02</td><td>1</td><td>PASS</td></loq<>	0.02	1	PASS
Myclobutanil	<loq< td=""><td>0.3</td><td>0.2</td><td>PASS</td></loq<>	0.3	0.2	PASS
Piperonyl butoxide	<loq< td=""><td>0.21</td><td>2</td><td>PASS</td></loq<>	0.21	2	PASS
Pyrethrin I†	<loq< td=""><td>0.43</td><td>1</td><td>PASS</td></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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V28.1



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PASS

Compliance

Trace Metals

Date analyzed: 03/31/2023

Method: NY.SOP.T.40.050 Analyst: Kyle Rappaport

Analyte	Result (μg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<loq< td=""><td>0.13</td><td>2</td><td>PASS</td></loq<>	0.13	2	PASS
Arsenic (As)	<loq< td=""><td>0.07</td><td>0.2</td><td>PASS</td></loq<>	0.07	0.2	PASS
Cadmium (Cd)	<loq< td=""><td>0.06</td><td>0.3</td><td>PASS</td></loq<>	0.06	0.3	PASS
Chromium (Cr)	<loq< td=""><td>0.36</td><td>110</td><td>PASS</td></loq<>	0.36	110	PASS
Copper (Cu)	12.62	0.39	30	PASS
Lead (Pb)	<loq< td=""><td>0.08</td><td>0.5</td><td>PASS</td></loq<>	0.08	0.5	PASS
Mercury (Hg)	<loq< td=""><td>0.01</td><td>0.1</td><td>PASS</td></loq<>	0.01	0.1	PASS
Nickel (Ni)	<loq< td=""><td>0.11</td><td>2</td><td>PASS</td></loq<>	0.11	2	PASS
			Overall Status	PASS

Analysis Instrument Equipment ID: 1 ICP-MS

Water Activity

PASS

Date analyzed: 03/20/2023 Method: NY.SOP.T.040.210 Analyst: Destiny Ribadeneyra

Result (Aw)	LOQ	Allowable Limit	Pass/Fail	
0.32	0.25	0.65	PASS	

Analysis Instrument

103 Aqualab TDL 2

V131.60

Alicia Caruso-Thomas

Alicia Caruso-Thomas Laboratory Director 03/31/2023

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Compliance

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

Contact Name: Rick Weissman

Address: 641 Berme Road High Falls, NY 12440

Phone: 201-310-3337

License Number: OCM-AUCC-22-000215

Sample Description: High Falls Canna

Lot Number: 23-F0006

Regulatory Category: Adult Use Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: Hudson Valley Biscotti

Sampling Site: 641 Berme Road, High Falls, NY

12440

Sampling Date and Time: 09/06/2023 01:36 PM



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Results Summary

Microbial Impurities
(MDG for STEC, PASS Salmonella, Asp sp.)
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)
Microbial Impurities (Total Yeast and Mold/CDP-YMR)

PASS

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

PASS

Compliance

Date analyzed: 09/11/2023 Method: NYS.SOP.T.40.273 Analyst: Kristy Lee

Date started: 09/06/2023 05:01 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 P	PCR System	

V182.2

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Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Compliance

Date analyzed: 09/08/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 09/06/2023 05:04 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail	
400000	5	N/A	PASS	

Analysis Instrument

87 Colony Counter

V149.7

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

PASS

Date analyzed: 09/11/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 09/08/2023 08:43 AM

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

V150.9

Sample Comment: N/A

Alicia Caruso-Thomas

Alicia Caruso-Thomas Laboratory Director 09/13/2023

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