



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

R&D

# Certificate Of Analysis

**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 003 Kief (Rosetta Stone)

**Lot Number:** 221122-01

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

## Results Summary

Cannabinoids Profile	
Microbial Impurities (CDP-TC)	PASS
Microbial Impurities (CDP-YMR)	PASS
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Trace Metals	PASS

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. 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 are terms used to describe the reliably measured smallest concentrations. LOQ\* denotes the result is above detection limit, but below quantifiable limit. CFU - Colony Forming Units.

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## Cannabinoids Profile

Date analyzed: 02/16/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Analyte	Result (%w/w)	LOQ (%w/w)	Result (mg/serving)
Δ8-THC†	<LOQ	0.02	<LOQ
Δ9-THC†	<LOQ	0.02	<LOQ
Δ10-THC-RS†	<LOQ	0.02	<LOQ
Δ10-THC-RR†	<LOQ	0.02	<LOQ
Tetrahydrocannabinolic acid (THCA)†	63.51	0.02	635.1
Tetrahydrocannabivarin (THCV)	<LOQ	0.02	<LOQ
Cannabidiol (CBD)	<LOQ	0.02	<LOQ
Cannabinadiolic acid (CBDA)	<LOQ	0.02	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.02	<LOQ
Cannabinol (CBN)	<LOQ	0.02	<LOQ
Cannabigerol (CBG)	<LOQ	0.02	<LOQ
Cannabigerolic acid (CBGA)	4.82	0.02	48.2
Cannabichromene (CBC)	<LOQ	0.02	<LOQ
†Total Tetrahydrocannabinol (THC)	55.7		556.98

Analysis Instrument

131 HPLC

V125.22

## Microbial Impurities (CDP-TC)

**PASS**

Date analyzed: 02/06/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
5700000	5	N/A	<b>PASS</b>

Analysis Instrument

87 Colony Counter

V149.6



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**License Number:** OCM-AUCC-22-000215

**Sample Description:** Line - Kief - G13 Genius; Rosetta Stone; Cinderella 99; Killer Queen; Grimm Glue; Mimosa; Wedding Cake; Gelato; Biscotti

**Lot Number:** Line - 23-K0001-1; 23-K0003-1; 23-K0005-1; 23-K0006-1; 23-K0008-1; 23-K0009-1; 23-K0010-1; 23-K0011-1; 23-K0012-1

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

## Results Summary

Microbial Impurities (CDP-TC)	PASS
Microbial Impurities (CDP-YMR)	PASS
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Mycotoxins	PASS
Pesticides	PASS
Trace Metals	PASS

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## Microbial Impurities (CDP-TC)

**PASS**

Date analyzed: 03/15/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
9600000	5	N/A	<b>PASS</b>

Analysis Instrument

87 Colony Counter

V149.5

## Microbial Impurities (CDP-YMR)

**PASS**

Date analyzed: 03/14/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	20000	5	N/A	<b>PASS</b>
Yeast Count	80000	5	N/A	<b>PASS</b>
Total Yeast and Mold	100000		N/A	<b>PASS</b>
			Overall Status	<b>PASS</b>

Analysis Instrument

87 Colony Counter

V150.6

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

**PASS**

Date analyzed: 03/21/2023

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

## 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	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: 03/13/2023

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

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†	0.041	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†	0.041		1	PASS
			Overall Status	PASS
Analysis Instrument	30 LC-MS TQ			

V144.5

## Trace Metals

**PASS**

Date analyzed: 03/22/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

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)	5.69	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	1.38	0.11	2	PASS
			Overall Status	PASS
Analysis Instrument	Equipment ID: 1 ICP-MS			



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*Alicia Caruso-Thomas*

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Alicia Caruso-Thomas  
Laboratory Director  
03/24/2023