



**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

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

**Client Name:** NYHO Labs LLC  
**Contact Name:** Michael Stoker  
**Address:** 185 Main St  
 Cortland, NY 13045  
**Phone:** 607-821-1182  
**License Number:** OCM-AUCP-22-000003

**Sample Description:** Raspberry Cough 1oz bag

**Lot Number:** WF00101

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

**Sample Type:** Flower

**Sample Subtype:** whole flower

**Sampling Site:** 185 Main St Cortland NY, 13045

**Sampling Date and Time:** 09/28/2023 12:01 PM

# Certificate Of Analysis

## Average Cannabinoid Profile

**Date analyzed:** 10/04/2023

**Method:** NY.SOP.T.40.260

**Analyst:** Stephanie Knapp

**Date started:** 10/03/2023 09:32 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†	0.18	0.9	-	-	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	25.72	128.6	3.87	-	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)	<LOQ	<LOQ	-	-	0.02
Cannabichromene (CBC)	<LOQ	<LOQ	-	-	0.02
†Total Tetrahydrocannabinol (THC)	22.74	113.68	1.65	-	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A

\*Not required for flower products

V158.21



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

**PASS**

Date analyzed: 10/02/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 09/29/2023 01:21 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

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 10/04/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 10/02/2023 12:33 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
<LOQ	5	N/A	PASS
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>		

V149.7



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# Certificate Of Analysis

## Filth and Foreign Material

**PASS**

**Date analyzed:** 10/02/2023

**Method:** NYS.SOP.T.040.250

**Analyst:** Destiny Ribadeneyra

**Date started:** 10/02/2023 01:29 PM

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*

## Moisture Content

**PASS**

**Date analyzed:** 10/03/2023

**Method:** NY.SOP.T.040.220

**Analyst:** Destiny Ribadeneyra

**Date started:** 10/02/2023 09:23 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
12.5	0.0	5.0 - 15.0	PASS

*Analysis Instrument*

*4 Moisture Balance*

V140.28

# Certificate Of Analysis

## Water Activity

**PASS**

**Date analyzed:** 10/04/2023

**Method:** NY.SOP.T.040.210

**Analyst:** Destiny Ribadeneyra

**Date started:** 10/02/2023 09:22 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.45	0.25	0.65	<b>PASS</b>

Analysis Instrument

103 Aqualab TDL 2

V131.60

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

**PASS**

**Date analyzed:** 10/04/2023

**Method:** NYS.SOP.T.40.273

**Analyst:** Kristy Lee

**Date started:** 09/29/2023 11:07 AM

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

Analysis Instrument

125 Agilent AriaMx Real-time PCR System

V182.2

# Certificate Of Analysis

## Mycotoxins

**PASS**

**Date analyzed:** 10/04/2023

**Method:** NY.SOP.T.40.180

**Analyst:** Destiny Ribadeneyra

**Date started:** 09/29/2023 08:39 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	0.004	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0.004	-	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:** 10/05/2023

**Method:** NY.SOP.T.040.270

**Analyst:** Stephanie Knapp

**Date started:** 09/29/2023 11:33 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
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





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Tebuconazole	<LOQ	0.01	0.4	<b>PASS</b>
Thiacloprid	<LOQ	0.01	0.2	<b>PASS</b>
Thiamethoxam	<LOQ	0.01	0.2	<b>PASS</b>
Overall Status				<b>PASS</b>

*Analysis Instrument*      30 Agilent LS-MS TQ

V144.9

## Trace Metals

**PASS**

**Date analyzed:** 10/05/2023

**Method:** NY.SOP.T.40.050

**Analyst:** Moni Kaneti

**Date started:** 10/02/2023 04:50 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	<b>PASS</b>
Arsenic (As)	<LOQ	0.07	0.2	<b>PASS</b>
Cadmium (Cd)	0.08	0.06	0.3	<b>PASS</b>
Chromium (Cr)	<LOQ	0.36	110	<b>PASS</b>
Copper (Cu)	15.86	0.39	30	<b>PASS</b>
Lead (Pb)	<LOQ	0.08	0.5	<b>PASS</b>
Mercury (Hg)	<LOQ	0.01	0.1	<b>PASS</b>
Nickel (Ni)	0.37	0.11	2	<b>PASS</b>
Overall Status				<b>PASS</b>

*Analysis Instrument*      158 Agilent 7800 ICPMS

# Certificate Of Analysis

## Pesticides cont.

**PASS**

**Date analyzed:** 10/05/2023

**Method:** NYS.SOP.T.040.271

**Analyst:** Destiny Ribadeneyra

**Date started:** 09/29/2023 01:09 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

V177.5

Sample Comment: N/A

*Alicia Caruso-Thomas*

Alicia Caruso-Thomas  
Laboratory Director  
10/05/2023