



**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:** 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:** Strawberry Gummy

**Lot Number:** GM00045

**Regulatory Category:** Adult Use

**Sample Matrix:** Extracted

**Delivery Method:** Oral

**Sample Type:** Edible

**Sample Subtype:** Gummy

**Sampling Site:** 1

**Sampling Date and Time:** 07/20/2023 12:24 PM

## Results Summary

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

# Certificate Of Analysis

Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Mycotoxins	PASS
Pesticides	PASS
Residual Solvents	PASS
Water Activity	PASS

## Average Cannabinoid Profile

Date analyzed: 08/11/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 08/10/2023 04:56 PM

Analyte	Average (%w/w)	mg/serving	Standard Deviation (mg/serving)	Homogeneity Pass/Fail*	LOQ (%w/w)
Δ8-THC†	<LOQ	<LOQ	-	-	0.02
Δ9-THC†	0.17	10.88	0.48	PASS	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	<LOQ	<LOQ	-	-	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)	0.17	10.88	0.48	PASS	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A
Overall Status				PASS	

\*Pass if the concentration of individual samples is ±25% of the mean concentration

V158.21



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

**PASS**

Date analyzed: 07/26/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 07/25/2023 10:41 AM

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: 07/25/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/25/2023 04:39 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
<LOQ	5	10000	PASS

Analysis Instrument

87 Colony Counter

V149.7

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, 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.

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

**PASS**

Date analyzed: 08/02/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/24/2023 09:31 AM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	<LOQ	5	1000	PASS
Yeast Count	<LOQ	5	1000	PASS
Total Yeast and Mold	<LOQ		1000	PASS
			Overall Status	PASS
Analysis Instrument		87 Colony Counter		

V150.9

## Mycotoxins

**PASS**

Date analyzed: 08/02/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 07/24/2023 08:33 AM

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:** 07/31/2023

**Method:** NY.SOP.T.040.230

**Analyst:** Alicia Caruso-Thomas

**Date started:** 07/24/2023 01:20 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	0.30	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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# Certificate Of Analysis

## Residual Solvents

**PASS**

**Date analyzed:** 07/28/2023

**Method:** NYS.SOP.T.040.272

**Analyst:** Destiny Ribadeneyra

**Date started:** 07/25/2023 08:38 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	<LOQ	0.67	5	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	<LOQ	21.68	5000	PASS
Acetone (2-Propanone)	<LOQ	15.9	5000	PASS
Acetonitrile	<LOQ	0.85	410	PASS
Benzene	<LOQ	0.71	2	PASS
Butanes, Total	<LOQ	0.35	5000	PASS
Chloroform	<LOQ	0.54	60	PASS
Dichloromethane (Methylene chloride)	<LOQ	1.07	600	PASS
Dimethyl sulfoxide (DMSO)	<LOQ	0.66	5000	PASS
Ethanol (Ethyl alcohol)	<LOQ	10.02	5000	PASS
Ethyl acetate (Acetic acid ethyl ester)	<LOQ	18.45	5000	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	<LOQ	0.44	5000	PASS
Heptane (n-Heptane)	<LOQ	0.36	5000	PASS
Hexanes, Total	<LOQ	0.39	290	PASS
Methanol (Methyl alcohol)	<LOQ	2.47	3000	PASS
Pentanes, Total	<LOQ	0.37	5000	PASS
Propane	<LOQ	0.53	5000	PASS
Toluene (Methylbenzene)	<LOQ	2.34	890	PASS
Trichloroethane (1,1,1-)	<LOQ	0.41	1500	PASS
Xylenes, Total (ortho-, meta-, para-)	<LOQ	2.65	2170	PASS
Overall Status				PASS

Analysis Instrument

29 GC-MS

V148.9



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## Water Activity

**PASS**

**Date analyzed:** 08/02/2023

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

**Analyst:** Moni Kaneti

**Date started:** 07/25/2023 08:02 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.65	0.25	0.85	PASS

*Analysis Instrument*

*103 Aqualab TDL 2*

V131.60

**Sample Comment:** Amended: Metals test subcontracted due to instrument shutdown.

Kyle Rappaport  
 Quality Director  
 08/11/2023

**Certificate of Analysis**

<b>Accession:</b> 23022	<b>Organization:</b> Phyto-farma Labs (845)202-0632 49 John Hicks Drive Warwick, NY 10990	<b>Collection Date:</b> 7/28/2023 10:19 AM    CB
<b>Work Order:</b> 1072		<b>Received Date:</b> 7/28/2023 10:19 AM    CB
<b>Work Order Code:</b> 94760		<b>Reported Date:</b> 7/31/2023 11:12 AM
<b>License Designation:</b> Other	<b>Category:</b> Ingestible	<b>Report Status:</b> FINAL
<b>Sample Name:</b> digested sample for metals testing	<b>Lot ID:</b> 2357	<b>Type:</b> Other
<b>Sample Barcode:</b> 18303		<b>Dose size:</b> N/A

**Heavy Metals Testing**

**Trace / Heavy Metals** Run by SH on 7/31/2023 9:33:48 AM at Location: TALON

Method ID: TA-101

Samples are pooled as needed for testing. For these tests, only one result is reported to represent all samples received.

Test	ppm	Status	Limit	LOQ (ppm)
Antimony	<LOQ	PASS	<120.0	0.1
Arsenic	<LOQ	PASS	<1.5	0.1
Cadmium	<LOQ	PASS	<0.5	0.1
Chromium	<LOQ	PASS	<1100.0	0.1
Copper	<LOQ	PASS	<300.0	0.1
Lead	<LOQ	PASS	<0.5	0.1
Mercury	<LOQ	PASS	<3.00	0.01
Nickel	<LOQ	PASS	<20.0	0.1

Notes: *Samples & QCs received digested from an OCM approved lab.  
Collection date & time refers to date & time digests were received into the lab. Refer to the full COA for the product for sampling information.*

*Reed Smith*

Reviewed By: \_\_\_\_\_

Smith, Reed

Panel Name: Trace / Heavy Metals

Approved: 7/31/2023 11:11 AM

Disclaimers:

- 1: Testing was performed in conformance with NYS OCM & ISO 17025:2017 regulations and standards.
- 2: The results in this report relate only to the sample as received.
- 3: This certificate of analysis shall not be reproduced, except in full, without the written consent of the laboratory.

Definitions:

LOQ - Limit of Quantitation; minimum concentration that can be quantitatively reported.  
Limit - Refers to the regulatory limit set forth by NYS OCM.

Laboratory Contact Information  
E-mail: info@talonanalytical.com  
Phone: (888) 201-0957  
ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)