



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 (PdX for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Mycotoxins	PASS
Residual Solvents	PASS
Water Activity	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: Sour watermelon gummies

Lot Number: GM00048

Regulatory Category: Adult Use

Sample Matrix: Extracted

Delivery Method: Oral

Sample Type: Edible

Sample Subtype: Gummy

Sampling Site: On site

Sampling Date and Time: 08/17/2023 11:45 AM

Certificate Of Analysis

Average Cannabinoid Profile

Date analyzed: 08/25/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 08/23/2023 07:44 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†	0.17	11.43	0.53	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	11.43	0.52	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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Certificate Of Analysis

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

PASS

Date analyzed: 08/23/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 08/22/2023 07:54 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: 08/21/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: None

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

Analysis Instrument

87 Colony Counter

V149.7

Certificate Of Analysis

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

PASS

Date analyzed: 08/21/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 08/21/2023 04:30 PM

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
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>			

V150.9

Mycotoxins

PASS

Date analyzed: 08/25/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 08/17/2023 12:40 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
<i>Analysis Instrument</i>	<i>30 LC-MS TQ</i>			

V141.3

Certificate Of Analysis

Residual Solvents

PASS

Date analyzed: 08/23/2023

Method: NYS.SOP.T.040.272

Analyst: Destiny Ribadeneyra

Date started: 08/22/2023 07:33 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

148 HS-GCMS-QP2020 NX_2

V148.9



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Certificate Of Analysis

Water Activity

PASS

Date analyzed: 08/20/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 08/18/2023 02:25 PM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.67	0.25	0.85	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.61

Sample Comment: Metals and Pesticides subcontracted. Please see attached reports.
 Reissued after verifying and correcting potency.

Alicia Caruso-Thomas

Alicia Caruso-Thomas
 Laboratory Director
 10/02/2023

Certificate of Analysis

Accession: 24016	Organization: Phyto-farma Labs (845)202-0632 49 John Hicks Drive Warwick, NY 10990	Collection Date:
Work Order: 1170		Received Date: 8/22/2023 4:07 PM
Work Order Code: 94885		Reported Date: 8/24/2023 4:17 PM
License Designation: Medical	Category: Other	Report Status: FINAL
Sample Name: digested sample for metals testing	Lot ID: 2532	Type: Other
Dose size: n/a	Unit Description: n/a	Quantity of Samples: 1
		Sample Barcode: 21089

Heavy Metals Testing

Trace / Heavy Metals *Run by SH on 8/24/2023 9:09:34 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	LOQ (ppm)
Antimony	<LOQ	PASS	0.1
Arsenic	<LOQ	PASS	0.1
Cadmium	<LOQ	PASS	0.1
Chromium	<LOQ	PASS	0.1
Copper	0.3	PASS	0.1
Lead	<LOQ	PASS	0.1
Mercury	<LOQ	PASS	0.01
Nickel	<LOQ	PASS	0.1

Reed Smith

Reviewed By: _____

Smith, Reed

Panel Name: Trace / Heavy Metals

Approved: 8/24/2023 4:16 PM

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)

Phyto-Farma Labs

49 John Hicks Dr, Warwick, NY, 10990

mpedone@phytofarmalabs.com

845-202-0419

License #: OCM-CPL-2022-00004

Certificate of Analysis

Final



Date Released: 8/25/2023 12:44:45PM

Report #: 2783



Gummy - 21088

Sample #: 2242, Weight: 1.04g, Unit Count:

Order #: X230822-0002

Category/Type: Ingestible, Gummy

Date Collected: 8/22/2023 10:33:16AM

Date Received: 8/22/2023 10:39:26AM

Regulator Sample ID: Gummy - 21088

Regulator Source Package ID: 2532

Regulator Batch ID: 21088

Size: Not Provided, Unit Count:

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:22 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York
1809 Vestal Pkwy E

Vestal, NY 13850
(607)301-0884
InfoNY@KeystoneStateTesting.com
www.KeystoneStateTesting.com
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director





Sample #: 2242

Gummy - 21088

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:22 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Chlorfenapyr	0.0100	1	ND	Pass
Chloromequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass

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Kelly N. Greenland

Dr. Kelly Greenland, Lab Director





Sample #: 2242

Gummy - 21088

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:22 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass

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Phyto-Farma Labs

49 John Hicks Dr, Warwick, NY, 10990

mpedone@phytofarmalabs.com

845-202-0419

License #: OCM-CPL-2022-00004

Certificate of Analysis

Final



Sample #: 2242

Gummy - 21088

Pesticides by LCMSMS

Pass

Analysis Date: 08/24/2023 1:22 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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