



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 (MDG 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: Blueberry CBN Gummy

Lot Number: GM00052

Regulatory Category: Adult Use

Sample Matrix: Extracted

Delivery Method: Oral

Sample Type: Edible

Sample Subtype: gummy

Sampling Site: 185 Main St Cortland, NY 13045

Sampling Date and Time: 09/07/2023 12:57 PM

Certificate Of Analysis

Average Cannabinoid Profile

Date analyzed: 09/13/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 09/12/2023 10:53 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 | 11.2 | 0.32 | 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) | 0.17 | 11.07 | 0.48 | PASS | 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 | 11.2 | 0.31 | 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 (MDG for STEC, Salmonella, Asp sp.)

PASS

Date analyzed: 09/13/2023

Method: NYS.SOP.T.40.273

Analyst: Lindsey Vento

Date started: 09/11/2023 11:04 AM

| 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 PCR System

V182.2

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 09/13/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 09/11/2023 10:38 AM

| 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: 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 | 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: 09/18/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 09/07/2023 07:25 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

Certificate Of Analysis

Residual Solvents

PASS

Date analyzed: 09/13/2023

Method: NYS.SOP.T.040.272

Analyst: Destiny Ribadeneyra

Date started: 09/11/2023 11:28 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: 09/12/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 09/12/2023 07:50 AM

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

Analysis Instrument

103 Aqualab TDL 2

V131.61

Sample Comment: N/A

Alicia Caruso-Thomas

Alicia Caruso-Thomas
 Laboratory Director
 09/19/2023



50A Rose Pl, Garden City Park, NY 11040
Permit # NYS OCM CPL-2022-00003

Certificate of Analysis

| | | |
|--------------------------------------|--|--|
| Accession: 24368 | Organization: Phyto-farma Labs | Collection Date: 9/12/2023 12:00 AM |
| External No: 2309TLN0060.0117 | (845)202-0632 | Received Date: 9/13/2023 12:12 PM |
| Work Order: 2309TLN0060 | 49 John Hicks Drive | Reported Date: 9/15/2023 5:48 PM |
| Work Order Code: 2309TLN0060 | Warwick, NY 10990 | Report Status: FINAL |
| License Designation: Other | Category: Ingestible | Type: Other |
| Strain Name: N/A | Sample Name: Digested and Filtered Metals | Lot ID: 1220/2591/21783 |
| Dose size: n/a | | |

Heavy Metals Testing

Trace / Heavy Metals Run by SH on 9/15/2023 4:14:28 PM 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 | 0.2 | 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 |

Reviewed By: _____

Vitrano Stocker, Brynn

Panel Name: Trace / Heavy Metals

Approved: 9/15/2023 5:47 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: 9/19/2023 12:31:22PM

Report #: 2994

2591



Sample #: 2458, **Weight:** 1.01g, **Unit Count:**

Order #: X230908-0002

Category/Type: Ingestible, Gummy

Date Collected: 9/8/2023 5:21:20PM

Date Received: 9/11/2023 8:31:21PM

Regulator Sample ID: 2591

Regulator Source Package ID: 1213

Regulator Batch ID: 21782

Size: Not Provided, **Unit Count:**

Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

| 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 |
| Carbaryl | 0.0100 | 0.2 | ND | Pass |
| Carbofuran | 0.0100 | 0.2 | ND | Pass |
| Chlorantraniliprole | 0.0100 | 0.2 | ND | Pass |
| Chloromequat Chloride | 0.0100 | 1 | ND | Pass |
| Chlorpyrifos | 0.0100 | 0.2 | 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 #: 2458

2591

Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| 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 |
| Malathion | 0.0100 | 0.2 | ND | Pass |
| Metalaxyl | 0.0100 | 0.2 | ND | Pass |
| Methiocarb | 0.0100 | 0.2 | ND | Pass |

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Kelly N. Greenland

Dr. Kelly Greenland, Lab Director





Sample #: 2458

2591

Pesticides by LCMSMS

Pass

Analysis Date: 09/15/2023 11:03 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| Methomyl | 0.0100 | 0.4 | ND | Pass |
| Mevinphos | 0.0100 | 1 | 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 |
| 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 |
| 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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