



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: Blueberry CBN Gummies

Lot Number: GM00049

Regulatory Category: Adult Use

Sample Matrix: Extracted

Delivery Method: Oral

Sample Type: Edible

Sample Subtype: GUMMY

Sampling Site: 1

Sampling Date and Time: 08/03/2023 12:15 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: 08/17/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 08/17/2023 08:57 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	10.52	0.39	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)	0.16	10.02	0.46	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	10.52	0.39	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: 08/16/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 08/10/2023 09:26 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: 08/10/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 08/10/2023 01:16 PM

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

Analysis Instrument

87 Colony Counter

V149.7

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Certificate Of Analysis

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

PASS

Date analyzed: 08/14/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 08/10/2023 04:34 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

Analysis Instrument

V150.9

Mycotoxins

PASS

Date analyzed: 08/16/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 08/07/2023 10:32 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

Pesticides

PASS

Date analyzed: 08/16/2023

Method: NY.SOP.T.040.230

Analyst: Destiny Ribadeneyra

Date started: 08/07/2023 10:56 AM

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

Certificate Of Analysis

Residual Solvents

PASS

Date analyzed: 08/10/2023

Method: NYS.SOP.T.040.272

Analyst: Destiny Ribadeneyra

Date started: 08/08/2023 03:10 PM

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: 08/11/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 08/11/2023 08:04 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.69	0.25	0.85	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.60

Sample Comment: Metals test subcontracted due to instrument shutdown.

Kyle Rappaport
 Quality Director
 08/22/2023

Certificate of Analysis

Accession: 23821	Organization: Phyto-farma Labs (845)202-0632 49 John Hicks Drive Warwick, NY 10990	Collection Date: 8/18/2023 10:20 AM
Work Order: 1145		Received Date: 8/18/2023 10:20 AM
Work Order Code: 94871		Reported Date: 8/21/2023 3:57 PM
License Designation: Other	Category: Other	Report Status: FINAL
Lot ID: 1145/2488/20197	Quantity of Samples: 1	Type: Other
		Dose size: N/A

Heavy Metals Testing

Trace / Heavy Metals Run by SH on 8/21/2023 9:56:05 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	0.2	PASS	0.1
Lead	<LOQ	PASS	0.1
Mercury	<LOQ	PASS	0.01
Nickel	<LOQ	PASS	0.1

Notes: Samples received digested from Phyto-farma Labs. Collection date & time refers to time digests were received in the lab. Refer to full COA for collection date & time of samples.

Reed Smith

Reviewed By: _____
Smith, Reed

Panel Name: Trace / Heavy Metals

Approved: 8/21/2023 3:56 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
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ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)