

Certificate Of Analysis

Results Summary

Cannabinoids Profile	
Filth and Foreign Material	PASS
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
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS
Pesticides cont.	PASS
Trace Metals	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: Gush Mintz

Lot Number: WF00118

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: whole flower

Sampling Site: 37 Huntington St, Cortland NY 13045

Sampling Date and Time: 12/04/2023 10:45 AM

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Cannabinoids Profile

Date analyzed: 12/08/2023

Method: NY.SOP.T.40.260

Analyst: Moni Kaneti

Date started: 12/06/2023 08:30 AM

Analyte	Result (%w/w)	LOQ (%w/w)	mg/serving
Δ8-THC†	<LOQ	0.02	<LOQ
Δ9-THC†	<LOQ	0.02	<LOQ
Δ10-THC-RS†	<LOQ	0.02	<LOQ
Δ10-THC-RR†	<LOQ	0.02	<LOQ
Tetrahydrocannabinolic acid (THCA)†	27.29	0.02	272.9
Tetrahydrocannabivarin (THCV)	<LOQ	0.02	<LOQ
Cannabidiol (CBD)*	<LOQ	0.02	<LOQ
Cannabinadiolic acid (CBDA)*	<LOQ	0.02	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.02	<LOQ
Cannabinol (CBN)	<LOQ	0.02	<LOQ
Cannabigerol (CBG)	<LOQ	0.02	<LOQ
Cannabigerolic acid (CBGA)	1.21	0.02	12.1
Cannabichromene (CBC)	<LOQ	0.02	<LOQ
†Total Tetrahydrocannabinol (THC)	23.93	N/A	239.33
*Total Cannabidiol (CBD)	0	N/A	0

Analysis Instrument

3 HPLC

V125.32

Certificate Of Analysis

Filth and Foreign Material

PASS

Date analyzed: 12/11/2023

Method: NYS.SOP.T.040.250

Analyst: Moni Kaneti

Date started: 12/08/2023 03:31 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

129 Bonvoisin Lab Analytical Electronic Balance 1

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

PASS

Date analyzed: 12/07/2023

Method: NYS.SOP.T.40.273

Analyst: Lindsey Vento

Date started: 12/05/2023 12:58 PM

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

Certificate Of Analysis

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 12/08/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/05/2023 12:55 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
270000	5	N/A	PASS

Analysis Instrument

87 Colony Counter

V149.7

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

PASS

Date analyzed: 12/11/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/05/2023 12:56 PM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	100000	5	N/A	PASS
Yeast Count	70000	5	N/A	PASS
Total Yeast and Mold	170000		N/A	PASS
			Overall Status	PASS

Analysis Instrument

87 Colony Counter

V150.9

Certificate Of Analysis

Moisture Content

PASS

Date analyzed: 12/07/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 12/07/2023 03:01 PM

Result (%)	LOQ	Allowable Limit	Pass/Fail
12.6	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

Mycotoxins

PASS

Date analyzed: 12/11/2023

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 12/06/2023 10:46 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: 12/11/2023

Method: NY.SOP.T.040.270

Analyst: Stephanie Knapp

Date started: 12/06/2023 03:38 PM

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

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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



Phyto-farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 Permit#: OCM-CPL-2022-00004
 Phone: 845-988-0937

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Certificate Of Analysis

Tebuconazole	<LOQ	0.01	0.4	PASS
Thiacloprid	<LOQ	0.01	0.2	PASS
Thiamethoxam	<LOQ	0.01	0.2	PASS
Overall Status				PASS

Analysis Instrument 30 Agilent LS-MS TQ

V144.9

Pesticides cont.

PASS

Date analyzed: 12/11/2023 **Method:** NYS.SOP.T.040.271 **Analyst:** Destiny Ribadeneyra
Date started: 12/06/2023 03:38 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

V177.7

Certificate Of Analysis

Trace Metals

PASS

Date analyzed: 12/11/2023

Method: NY.SOP.T.40.050

Analyst: Moni Kaneti

Date started: 12/12/2023 10:53 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	20.116	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	0.472	0.11	5	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.33

Water Activity

PASS

Date analyzed: 12/07/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 12/06/2023 08:57 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.4	0.25	0.65	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.60

Sample Comment: Amended: Includes terpene analysis.



Phyto-farma Labs
49 John Hicks Drive
Warwick, NY 10990
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Compliance

Certificate Of Analysis

Alicia Caruso-Thomas

Alicia Caruso-Thomas
Laboratory Director
12/12/2023



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

Certificate of Analysis

Accession: 25304	Organization: Phyto-farma Labs	Collection Date: 12/6/2023 2:59 PM	CB
External No: 2312TLN0144.0608	(845)202-0632	Received Date: 12/6/2023 2:59 PM	CB
Work Order: 2312TLN0144	49 John Hicks Drive	Reported Date: 12/12/2023 3:24 PM	
Work Order Code: 2312TLN0144	Warwick, NY 10990	Report Status: FINAL	
License Designation: Other	Category: Plant	Type: Other	
Strain Name: N/A	Sample Name: 3263-38160	Lot ID: N/A	

Terpene Testing

Terpenes Run by RS on 12/12/2023 2:56:06 PM at Location: TALON

Method: TA-064; Terpenes testing is not performed under scope of ISO 17025 accreditation.

Test	%	LOQ (%)
alpha-Bisabolol	0.095	0.076
Borneol	<LOQ	0.160
Camphene	<LOQ	0.078
Camphor	<LOQ	0.242
trans-Caryophyllene	0.990	0.082
Caryophyllene oxide	<LOQ	0.082
delta-3-Carene	<LOQ	0.081
alpha-Cedrene	<LOQ	0.075
Cedrol	<LOQ	0.078
Eucalyptol	<LOQ	0.082
Farnesene	<LOQ	0.008
Fenchone	<LOQ	0.163
Endo-Fenchyl alcohol	<LOQ	0.080
Geraniol	<LOQ	0.079
Geranyl acetate	<LOQ	0.081
Guaiol	<LOQ	0.079
alpha-Humulene	0.223	0.079
Isoborneol	<LOQ	0.078
Isopulegol	<LOQ	0.081
d-Limonene	0.429	0.080
Linalool	0.131	0.080
Menthol	<LOQ	0.081
beta-Myrcene	<LOQ	0.078
Nerol	<LOQ	0.081
cis-Nerolidol	<LOQ	0.079
trans-Nerolidol	<LOQ	0.079
beta-Ocimene	0.032	0.025
alpha-Phellandrene	<LOQ	0.078
alpha-Pinene	<LOQ	0.081
beta-Pinene	<LOQ	0.078
Pulegone	<LOQ	0.081
Sabinene	<LOQ	0.061
Sabinene hydrate	<LOQ	0.080
alpha-Terpinene	<LOQ	0.079
gamma-Terpinene	<LOQ	0.078
Terpineol	<LOQ	0.018
Terpinolene	<LOQ	0.070
Valencene	<LOQ	0.081

Notes: Refer to full COA for collection details.



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

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Work Order Code:	2312TLN0144		Warwick, NY 10990	Report Status:	FINAL	
License Designation	Other	Category	Plant	Type	Other	
Strain Name	N/A	Sample Name	3263-38160	Lot ID	N/A	

Reviewed By: _____

Digiacobbe, Leah

Panel Name: Terpenes

Approved: 12/12/2023 3:22 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)