



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: Aeterna Cannabis

Contact Name: Martene Henriksen

Address: 4269 Route 9
Hudson, NY 12534

Phone: 518-697-5020

License Number: OCM-AUCC-22-000037

Sample Description: Lemon Cherry Gelato

Lot Number: 0523-016

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: Whole

Sampling Site: On-Site

Sampling Date and Time: 08/02/2023 03:19 PM

Results Summary

Average Cannabinoid
Profile

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

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



Phyto-Farma Labs
a Smithers company

Phyto-farma Labs

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

Compliance

Certificate Of Analysis

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Filth and Foreign Material	PASS
Moisture Content	PASS
Water Activity	PASS
Mycotoxins	PASS
Pesticides	PASS
Terpenes	

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.

Certificate Of Analysis

Average Cannabinoid Profile

Date analyzed: 08/22/2023

Method: NY.SOP.T.40.260

Analyst: Stephanie Knapp

Date started: 08/21/2023 01:08 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†	1.62	16.16	0.21	-	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	20.19	201.94	11.77	-	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)	19.32	193.26	12.52	-	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A

*Not required for flower products

V158.21



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

Compliance

Certificate Of Analysis

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

PASS

Date analyzed: 08/22/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 08/17/2023 08:58 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



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

Compliance

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	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	<LOQ		N/A	PASS
			Overall Status	PASS
Analysis Instrument		87 Colony Counter		

V150.9

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	N/A	PASS
Analysis Instrument		87 Colony Counter	

V149.7



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

Compliance

Certificate Of Analysis

Filth and Foreign Material

PASS

Date analyzed: 08/04/2023

Method: NYS.SOP.T.040.250

Analyst: Lucia Orellana

Date started: 08/03/2023 04:02 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

5 Balance - Radwag

Moisture Content

PASS

Date analyzed: 08/07/2023

Method: NY.SOP.T.040.220

Analyst: Moni Kaneti

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

Result (%)	LOQ	Allowable Limit	Pass/Fail
12.4	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

Certificate Of Analysis

Water Activity

PASS

Date analyzed: 08/04/2023

Method: NY.SOP.T.040.210

Analyst: Lucia Orellana

Date started: 08/03/2023 04:45 PM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.48	0.25	0.65	PASS

Analysis Instrument

V131.60

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

Terpenes

Date analyzed: 08/14/2023

Method: NY.SOP.T.40.090

Analyst: Destiny Ribadeneyra

Date started: 08/09/2023 03:38 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	0.1	0.02
alpha-Humulene	0.2	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	<LOQ	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	0.1	0.02
beta-Myrcene	<LOQ	0.03
beta-Pinene	<LOQ	0.03
Borneol	<LOQ	0.02
Camphene	<LOQ	0.02
Camphor	<LOQ	0.02
Caryophyllene oxide	0.1	0.03
Cedrene	<LOQ	0.02
Cedrol	<LOQ	0.03
cis-Nerolidol	<LOQ	0.03
cis-Ocimene	<LOQ	0.03
Eucalyptol	<LOQ	0.04
Farnesene	<LOQ	0.04
Fenchol	0.1	0.02
Fenchone	<LOQ	0.03
gamma-Terpinene	<LOQ	0.02
gamma-Terpineol	<LOQ	0.02
Geraniol	<LOQ	0.02
Geranyl Acetate	<LOQ	0.03

Certificate Of Analysis

Guaiol	0.1	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.2	0.04
Linalool	0.1	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	<LOQ	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	0.5	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL	1.5	

Analysis Instrument

29 GC-MS

V151.5

Sample Comment: Metals test subcontracted due to instrument shutdown.



Kyle Rappaport
Quality Director
08/22/2023



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

Certificate of Analysis

Accession: 23819	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: Plant	Report Status: FINAL
Lot ID: 1145/2480/20120	Quantity of Samples: 1	Type: Other
		Dose size: N/A

Heavy Metals Testing

Trace / Heavy Metals Run by SH on 8/21/2023 9:56:06 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	<2.0	0.2
Arsenic	<LOQ	PASS	<0.2	0.2
Cadmium	<LOQ	PASS	<0.3	0.2
Chromium	<LOQ	PASS	<110.0	0.2
Copper	13.2	PASS	<30.0	0.2
Lead	<LOQ	PASS	<0.5	0.2
Mercury	0.02	PASS	<0.10	0.02
Nickel	<LOQ	PASS	<2.0	0.2

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 3:57 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)