



**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:** Pink Dum Dum

**Lot Number:** 0523-017

**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 03:34 PM

## Results Summary

Average Cannabinoid Profile	
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS

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.T20.010.



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a Smithers company

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

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# 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 10:03 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†	2.26	22.64	2.82	-	0.02
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.02
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.02
Tetrahydrocannabinolic acid (THCA)†	10.42	104.18	6.15	-	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)	11.4	114.01	7.12	-	N/A
*Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A

\*Not required for flower products

V158.21



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# Certificate Of Analysis

## 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



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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	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	<LOQ		N/A	PASS
			Overall Status	PASS

Analysis Instrument

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

# Certificate Of Analysis

## Filth and Foreign Material

**PASS**

**Date analyzed:** 08/07/2023

**Method:** NYS.SOP.T.040.250

**Analyst:** Destiny Ribadeneyra

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

Analyte	Result	LOQ	Allowable Limit	Pass/Fail
Mammalian excreta (mg/lb)	0	0	1	<b>PASS</b>
Stems >3mm in diameter (%)	0	0	5	<b>PASS</b>
Other Foreign Material (%)	0	0	2	<b>PASS</b>
			Overall Status	<b>PASS</b>

*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
12.1	0.0	5.0 - 15.0	<b>PASS</b>

*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
0.49	0.25	0.65	<b>PASS</b>

*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	<b>PASS</b>
Aflatoxin B2	<LOQ	0.002	0.02	<b>PASS</b>
Aflatoxin G1	<LOQ	0.001	0.02	<b>PASS</b>
Aflatoxin G2	<LOQ	0.002	0.02	<b>PASS</b>
Sum of Aflatoxins	0	-	0.02	<b>PASS</b>
Ochratoxin A	<LOQ	0.002	0.02	<b>PASS</b>
			Overall Status	<b>PASS</b>

*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	<LOQ	0.02
alpha-Humulene	<LOQ	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	<LOQ	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

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Guaiol	<LOQ	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.1	0.04
Linalool	0.2	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	0.1	0.03
trans-Nerolidol	0.1	0.04
Valencene	<LOQ	0.03
<b>TOTAL</b>	<b>0.7</b>	

Analysis Instrument

29 GC-MS

V151.5

Sample Comment: Metals test subcontracted due to instrument shutdown.



Kyle Rappaport  
Quality Director  
08/22/2023

**Certificate of Analysis**

<b>Accession:</b> 23820	<b>Organization:</b> Phyto-farma Labs (845)202-0632 49 John Hicks Drive Warwick, NY 10990	<b>Collection Date:</b> 8/18/2023 10:20 AM
<b>Work Order:</b> 1145		<b>Received Date:</b> 8/18/2023 10:20 AM
<b>Work Order Code:</b> 94871		<b>Reported Date:</b> 8/21/2023 3:57 PM
<b>License Designation:</b> Other	<b>Category:</b> Plant	<b>Report Status:</b> FINAL
<b>Lot ID:</b> 1145/2481/20135	<b>Quantity of Samples:</b> 1	<b>Type:</b> Other
		<b>Dose size:</b> 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	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	15.0	PASS	<30.0	0.2
Lead	<LOQ	PASS	<0.5	0.2
Mercury	0.03	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 3:56 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  
E-mail: info@talonanalytical.com  
Phone: (888) 201-0957  
ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)