



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: Harney Brothers Cannabis
Contact Name: Rion LoBrutto
Address: 6075 Rt 22
Millerton, NY 12546
Phone: 518-789-2117
License Number: OCM-AUCP-23-000041

Sample Description: 3.5g Jar Caramel Cream

Lot Number: 23179-2

Regulatory Category: Adult Use

Sample Matrix: Un-Extracted

Delivery Method: Inhalation

Sample Type: Flower

Sample Subtype: Jarred Flower

Sampling Site:

Sampling Date and Time:

Results Summary

Average Cannabinoid
Profile
Cannabinoids Profile
Cannabinoids Profile
Cannabinoids Profile
Cannabinoids Profile



Phyto-Farma Labs
a Smithers company

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Certificate Of Analysis

Cannabinoids Profile	
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Filth and Foreign Material	PASS
Moisture Content	PASS
Water Activity	PASS
Mycotoxins	PASS
Pesticides	PASS
Trace Metals	PASS

Certificate Of Analysis

Cannabinoids Profile

Date analyzed: 07/24/2023

Method: NY.SOP.T.40.260

Analyst: Moni Kaneti

Date started: 07/12/2023 09:04 AM

Analyte	Result (%w/w)	LOQ (%w/w)	mg/serving
Δ8-THC†	<LOQ	0.02	<LOQ
Δ9-THC†	1.03	0.02	36.05
Δ10-THC-RS†	<LOQ	0.02	<LOQ
Δ10-THC-RR†	<LOQ	0.02	<LOQ
Tetrahydrocannabinolic acid (THCA)†	16.85	0.02	589.75
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)	<LOQ	0.02	<LOQ
Cannabichromene (CBC)	<LOQ	0.02	<LOQ
†Total Tetrahydrocannabinol (THC)	15.81	N/A	553.26
*Total Cannabidiol (CBD)	0	N/A	0

Analysis Instrument

131 HPLC

V125.32



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

PASS

Date analyzed: 07/20/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 07/14/2023 01:55 PM

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

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.



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Certificate Of Analysis

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

PASS

Date analyzed: 07/10/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/03/2023 04:33 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
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>			

V150.9

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 07/06/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 07/06/2023 09:27 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
200000	5	N/A	PASS
<i>Analysis Instrument</i>	<i>87 Colony Counter</i>		

V149.7

Certificate Of Analysis

Filth and Foreign Material

PASS

Date analyzed: 07/12/2023

Method: NYS.SOP.T.040.250

Analyst: Moni Kaneti

Date started: 07/10/2023 04:39 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: 07/20/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 07/17/2023 10:31 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
11.3	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

Certificate Of Analysis

Water Activity PASS

Date analyzed: 07/12/2023 **Method:** NY.SOP.T.040.210 **Analyst:** Destiny Ribadeneyra

Date started: 07/11/2023 11:22 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.49	0.25	0.65	PASS

Analysis Instrument 103 Aqualab TDL 2

V131.60

Mycotoxins PASS

Date analyzed: 07/12/2023 **Method:** NY.SOP.T.40.180 **Analyst:** Destiny Ribadeneyra

Date started: 07/06/2023 03:03 PM

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: 07/20/2023

Method: NY.SOP.T.040.230

Analyst: Alicia Caruso-Thomas

Date started: 07/07/2023 09:48 PM

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	0.3	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



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Certificate Of Analysis

Trace Metals

PASS

Date analyzed: 07/14/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

Date started: 07/11/2023 10:02 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)	0.14	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	7.5	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	<LOQ	0.11	2	PASS
			Overall Status	PASS

Analysis Instrument

Equipment ID: 1 ICP-MS

Sample Comment: batch total is grams

Lindsey Vento

Lindsey Vento
Micro Director
07/24/2023