



**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 Mint Jelly

**Lot Number:** 23179-1

**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



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a Smithers company

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<b>Cannabinoids Profile</b>	
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

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# 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†	<LOQ	0.02	<LOQ
Δ10-THC-RS†	<LOQ	0.02	<LOQ
Δ10-THC-RR†	<LOQ	0.02	<LOQ
Tetrahydrocannabinolic acid (THCA)†	19.52	0.02	683.2
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)	17.12	N/A	599.17
*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:** 07/18/2023

**Method:** NY.SOP.T.040.170

**Analyst:** Kristy Lee

**Date started:** 07/07/2023 04:30 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
<b>Overall Status</b>			<b>PASS</b>

*Analysis Instrument*

*PathogenDX-Sensovation AG 33*

V133.11



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## 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

*Analysis Instrument*      87 Colony Counter

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
<LOQ	5	N/A	PASS

*Analysis Instrument*      87 Colony Counter

V149.7

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# 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 04:12 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:** 07/14/2023

**Method:** NY.SOP.T.040.220

**Analyst:** Destiny Ribadeneyra

**Date started:** 07/13/2023 08:02 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
12	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
0.51	0.25	0.65	<b>PASS</b>

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	<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



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# 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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## 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)	0.16	0.07	0.2	PASS
Cadmium (Cd)	0.19	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	12.27	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

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