



**Phyto-farma Labs**  
49 John Hicks Drive  
Warwick, NY 10990  
Permit#: OCMPPPL-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:** 1g Preroll ADL Super Runtz Flower  
**Lot Number:** 23138-1  
**Regulatory Category:** Adult Use  
**Sample Matrix:** Un-Extracted  
**Delivery Method:** Inhalation

## Results Summary

Average Cannabinoid Profile	
Microbial Impurities (CDP-TC)	PASS
Microbial Impurities (CDP-YMR)	PASS
Microbial Impurities (PdX for STEC, Salmonella, Asp sp.)	PASS
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS

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# Certificate Of Analysis

Trace Metals	PASS
Water Activity	PASS

## Average Cannabinoid Profile

**Date analyzed:** 05/23/2023

**Method:** NY.SOP.T.40.260

**Analyst:** Stephanie Knapp

**Date started:** 05/23/2023 08:58 AM

Analyte	Average (%w/w)	mg/serving	Standard Deviation (mg/serving)	Homogeneity Pass/Fail*
Δ8-THC†	<LOQ	<LOQ	-	-
Δ9-THC†	0.45	4.48	1.2	-
Δ10-THC-RS†	<LOQ	<LOQ	-	-
Δ10-THC-RR†	<LOQ	<LOQ	-	-
Tetrahydrocannabinolic acid (THCA)†	30.24	302.42	13.38	-
Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	-	-
Cannabidiol (CBD)	<LOQ	<LOQ	-	-
Cannabinadiolic acid (CBDA)	<LOQ	<LOQ	-	-
Cannabidivarin (CBDV)	<LOQ	<LOQ	-	-
Cannabinol (CBN)	<LOQ	<LOQ	-	-
Cannabigerol (CBG)	<LOQ	<LOQ	-	-
Cannabigerolic acid (CBGA)	<LOQ	<LOQ	-	-
Cannabichromene (CBC)	<LOQ	<LOQ	-	-
†Total Tetrahydrocannabinol (THC)	26.97	269.704	16.52	-

\*Not required for flower products

V158.11

# Certificate Of Analysis

## Microbial Impurities (CDP-TC)

**PASS**

Date analyzed: 05/24/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

Date started: 05/22/2023 07:56 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
500000	5	N/A	<b>PASS</b>

Analysis Instrument

87 Colony Counter

V149.7

## Microbial Impurities (CDP-YMR)

**PASS**

Date analyzed: 05/25/2023

Method: NYS.SOP.T.040.200

Analyst: Destiny Ribadeneyra

Date started: 05/22/2023 07:56 AM

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

Analysis Instrument

87 Colony Counter

V150.9



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

**PASS**

Date analyzed: 05/24/2023

Method: NY.SOP.T.040.170

Analyst: Kristy Lee

Date started: 05/24/2023 10:09 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

## Moisture Content

**PASS**

Date analyzed: 05/22/2023

Method: NY.SOP.T.040.220

Analyst: Destiny Ribadeneyra

Date started: 05/19/2023 09:03 AM

Result (%)	LOQ	Allowable Limit	Pass/Fail
13	0.0	5.0 - 15.0	PASS

Analysis Instrument

4 Moisture Balance

V140.28

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## Mycotoxins

**PASS**

**Date analyzed:** 05/26/2023

**Method:** NY.SOP.T.40.180

**Analyst:** Destiny Ribadeneyra

**Date started:** 05/24/2023 08:48 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

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## Pesticides

**PASS**

**Date analyzed:** 05/22/2023

**Method:** NY.SOP.T.040.230

**Analyst:** Alicia Caruso-Thomas

**Date started:** 05/19/2023 01:34 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

# Certificate Of Analysis

## Trace Metals

**PASS**

Date analyzed: 05/30/2023

Method: NY.SOP.T.40.050

Analyst: Kyle Rappaport

Date started: 05/19/2023 03:44 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	0.12	0.07	0.2	PASS
Cadmium (Cd)	<LOQ	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	16.1	0.39	30	PASS
Lead (Pb)	0.21	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	1.02	0.11	2	PASS
Overall Status				PASS

Analysis Instrument

Equipment ID: 1 ICP-MS

## Water Activity

**PASS**

Date analyzed: 05/22/2023

Method: NY.SOP.T.040.210

Analyst: Destiny Ribadeneyra

Date started: 05/19/2023 09:03 AM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.41	0.25	0.65	PASS

Analysis Instrument

103 Aqualab TDL 2

V131.60

*Alicia Caruso-Thomas*



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Alicia Caruso-Thomas  
Laboratory Director  
05/30/2023