



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

Compliance

# Certificate Of Analysis

## Results Summary

Average Cannabinoid Profile	
Terpenes	
Pesticides	PASS
Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Mycotoxins	PASS
Pesticides cont.	PASS
Residual Solvents	PASS
Trace Metals	PASS

**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:** Spicy Pound Town 5ct Tea Sachet

**Lot Number:** 23338-2

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Oral

**Sample Type:** Edible

**Sample Subtype:** Cannabis Flower Hot Tea Sachet

**Sampling Site:** 6075 Rt 22, Millerton NY 12546

**Sampling Date and Time:** 12/14/2023 11:03 AM

# Certificate Of Analysis

## Average Cannabinoid Profile

Date analyzed: 12/26/2023

Method: NY.SOP.T.40.260

Analyst: Lucia Orellana

Date started: 12/21/2023 08:28 AM

Analyte	Average (%w/w)	mg/ serving	Standard Deviation (mg/ serving)	Homogeneity Pass/ Fail*	LOQ (µg/ mL)
Δ8-THC†	<LOQ	<LOQ	-	-	0.6
Δ9-THC†	0.004	8.58	1.51	PASS	0.66
Δ10-THC-RS†	<LOQ	<LOQ	-	-	0.6
Δ10-THC-RR†	<LOQ	<LOQ	-	-	0.6
Tetrahydrocannabinolic acid (THCA)†	0.0004	0.68	0.01	PASS	0.6
Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	-	-	0.6
Cannabidiol (CBD)‡	<LOQ	<LOQ	-	-	0.6
Cannabinadiolic acid (CBDA)‡	<LOQ	<LOQ	-	-	0.6
Cannabidivarin (CBDV)	<LOQ	<LOQ	-	-	0.6
Cannabinol (CBN)	<LOQ	<LOQ	-	-	0.6
Cannabigerol (CBG)	<LOQ	<LOQ	-	-	0.6
Cannabigerolic acid (CBGA)	<LOQ	<LOQ	-	-	0.6
Cannabichromene (CBC)	<LOQ	<LOQ	-	-	0.6
†Total Tetrahydrocannabinol (THC)	0.004	9.18	2.2	PASS	N/A
‡Total Cannabidiol (CBD)	<LOQ	<LOQ	-	-	N/A
Total Cannabinoids	0.004	9.18			N/A

\*Not required for mixed matrix products.

# Certificate Of Analysis

## Terpenes

**Date analyzed:** 12/20/2023

**Method:** NY.SOP.T.40.090

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/15/2023 03:08 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	<LOQ	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	<LOQ	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	<LOQ	0.04
Linalool	<LOQ	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	<LOQ	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL	0	

*Analysis Instrument*

*29 GC-MS*

V151.6

# Certificate Of Analysis

## Pesticides

**PASS**

**Date analyzed:** 12/21/2023

**Method:** NY.SOP.T.040.270

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/18/2023 10:15 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Abamectin	<LOQ	0.02	0.5	PASS
Acephate	<LOQ	0.01	0.4	PASS
Acequinocyl	<LOQ	0.02	2	PASS
Acetamiprid	<LOQ	0.01	0.2	PASS
Aldicarb	<LOQ	0.01	0.4	PASS
Azadirachtin	<LOQ	0.02	1	PASS
Azoxystrobin	<LOQ	0.01	0.2	PASS
Bifenazate	<LOQ	0.01	0.2	PASS
Bifenthrin	<LOQ	0	0.2	PASS
Boscalid	<LOQ	0.01	0.4	PASS
Carbaryl	<LOQ	0.01	0.2	PASS
Carbofuran	<LOQ	0.01	0.2	PASS
Chlorantraniliprole	<LOQ	0.01	0.2	PASS
Chloromequat chloride	<LOQ	0.02	1	PASS
Chlorpyrifos	<LOQ	0.01	0.2	PASS
Clofentezine	<LOQ	0.01	0.2	PASS
Daminozide	<LOQ	0	1	PASS
Diazinon	<LOQ	0.01	0.2	PASS
Dichlorvos	<LOQ	0.01	1	PASS
Dimethoate	<LOQ	0.01	0.2	PASS
Dimethomorph	<LOQ	0.01	1	PASS
Ethoprophos	<LOQ	0.01	0.2	PASS
Etofenprox	<LOQ	0	0.4	PASS
Etoxazole	<LOQ	0.01	0.2	PASS
Fenhexamid	<LOQ	0.01	1	PASS

# Certificate Of Analysis

Fenoxycarb	<LOQ	0.01	0.2	PASS
Fenpyroximate	<LOQ	0	0.4	PASS
Flonicamid	<LOQ	0.01	1	PASS
Fludioxonil	<LOQ	0.02	0.4	PASS
Hexythiazox	<LOQ	0	1	PASS
Imidacloprid	<LOQ	0.01	0.4	PASS
Indole-3-butyric acid	<LOQ	0.01	1	PASS
Kresoxim methyl	<LOQ	0.01	0.4	PASS
Malathion	<LOQ	0.01	0.2	PASS
Metalaxyl	<LOQ	0.01	0.2	PASS
Methiocarb	<LOQ	0	0.2	PASS
Methomyl	<LOQ	0.01	0.4	PASS
Mevinphos	<LOQ	0.02	1	PASS
MGK-264	<LOQ	0.01	0.2	PASS
Myclobutanil	<LOQ	0.01	0.2	PASS
Naled	<LOQ	0	0.5	PASS
Oxamyl	<LOQ	0.01	1	PASS
Paclobutrazol	<LOQ	0.01	0.4	PASS
Permethrins, Total	<LOQ	0.01	0.2	PASS
Phosmet	<LOQ	0.01	0.2	PASS
Piperonyl Butoxide	<LOQ	0.01	2	PASS
Prallethrin	<LOQ	0.01	0.2	PASS
Propiconazole	<LOQ	0.01	0.4	PASS
Propoxur	<LOQ	0.01	0.2	PASS
Pyrethrins	<LOQ	0.01	1	PASS
Pyridaben	<LOQ	0.01	0.2	PASS
Spinetoram, Total	<LOQ	0	1	PASS
Spinosad, Total	<LOQ	0.01	0.2	PASS
Spiromesifen	<LOQ	0.01	0.2	PASS
Spirotetramat	<LOQ	0.01	0.2	PASS
Spiroxamine	<LOQ	0	0.2	PASS



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Tebuconazole	<LOQ	0.01	0.4	<b>PASS</b>
Thiacloprid	<LOQ	0.01	0.2	<b>PASS</b>
Thiamethoxam	<LOQ	0.01	0.2	<b>PASS</b>
Overall Status				<b>PASS</b>

Analysis Instrument      30 Agilent LS-MS TQ

V144.9

## Microbial Impurities (MDG for STEC, Salmonella, Asp sp.) **PASS**

**Date analyzed:** 12/21/2023      **Method:** NYS.SOP.T.40.273      **Analyst:** Kristy Lee

**Date started:** 12/15/2023 11:38 AM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacteria	Not Detected	<b>PASS</b>
Salmonella species	Bacteria	Not Detected	<b>PASS</b>
Aspergillus flavus	Fungal	Not Detected	<b>PASS</b>
Aspergillus niger	Fungal	Not Detected	<b>PASS</b>
Aspergillus terreus	Fungal	Not Detected	<b>PASS</b>
Aspergillus fumigatus	Fungal	Not Detected	<b>PASS</b>
Overall Status			<b>PASS</b>

Analysis Instrument      125 Agilent AriaMx Real-time PCR System

V182.2

# Certificate Of Analysis

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 12/21/2023

Method: NYS.SOP.T.040.200

Analyst: Lindsey Vento

Date started: 12/15/2023 11:40 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
10900000	5	N/A	<b>PASS</b>

Analysis Instrument

87 Colony Counter

V149.7

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

**PASS**

Date analyzed: 12/19/2023

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 12/15/2023 11:41 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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# Certificate Of Analysis

## Mycotoxins

**PASS**

**Date analyzed:** 12/21/2023

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

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/18/2023 10:42 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	0.003	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0.003	-	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 cont.

**PASS**

**Date analyzed:** 12/21/2023

**Method:** NYS.SOP.T.040.271

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/18/2023 10:15 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Captan	<LOQ	0.3	1	PASS
Chlordane	<LOQ	0.07	1	PASS
Chlorfenapyr	<LOQ	0.1	1	PASS
Coumaphos	<LOQ	0.19	1	PASS
Cyfluthrin	<LOQ	0.11	1	PASS
Cypermethrin	<LOQ	0.24	1	PASS
Fipronil	<LOQ	0.17	0.4	PASS
Imazalil	<LOQ	0.17	0.2	PASS
Methyl parathion	<LOQ	0.09	0.2	PASS
Pentachloronitrobenzene	<LOQ	0.17	1	PASS
Trifloxystrobin	<LOQ	0.11	0.2	PASS
Overall Status				PASS

Analysis Instrument

141 GC/TQ

V177.7

# Certificate Of Analysis

## Residual Solvents

**PASS**

**Date analyzed:** 12/20/2023

**Method:** NYS.SOP.T.040.272

**Analyst:** Destiny Ribadeneyra

**Date started:** 12/18/2023 08:09 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	<LOQ	0.67	5	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	<LOQ	21.68	5000	PASS
Acetone (2-Propanone)	<LOQ	15.9	5000	PASS
Acetonitrile	<LOQ	0.85	410	PASS
Benzene	<LOQ	0.71	2	PASS
Butanes, Total	<LOQ	0.35	5000	PASS
Chloroform	<LOQ	0.54	60	PASS
Dichloromethane (Methylene chloride)	<LOQ	1.07	600	PASS
Dimethyl sulfoxide (DMSO)	<LOQ	0.66	5000	PASS
Ethanol (Ethyl alcohol)	<LOQ	10.02	5000	PASS
Ethyl acetate (Acetic acid ethyl ester)	<LOQ	18.45	5000	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	<LOQ	0.44	5000	PASS
Heptane (n-Heptane)	<LOQ	0.36	5000	PASS
Hexanes, Total	<LOQ	0.39	290	PASS
Methanol (Methyl alcohol)	<LOQ	2.47	3000	PASS
Pentanes, Total	<LOQ	0.37	5000	PASS
Propane	<LOQ	0.53	5000	PASS
Toluene (Methylbenzene)	<LOQ	2.34	890	PASS
Trichloroethane (1,1,1-)	<LOQ	0.41	1500	PASS
Xylenes, Total (ortho-, meta-, para-)	<LOQ	2.65	2170	PASS
Overall Status				PASS

Analysis Instrument

148 GC-MS

V148.9

# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 12/22/2023

**Method:** NY.SOP.T.40.050

**Analyst:** Moni Kaneti

**Date started:** 12/20/2023 09:22 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	120	PASS
Arsenic (As)	0.115	0.07	1.5	PASS
Cadmium (Cd)	<LOQ	0.06	0.5	PASS
Chromium (Cr)	<LOQ	0.36	1100	PASS
Copper (Cu)	13.4	0.39	300	PASS
Lead (Pb)	0.31	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	3	PASS
Nickel (Ni)	4.174	0.11	20	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.33

Sample Comment: Amended: Includes pesticides results.

*Alicia Caruso-Thomas*

Alicia Caruso-Thomas  
Laboratory Director  
12/27/2023