



# Certificate of Analysis











## FOR COMPLIANCE

Sample:AL31111002-001  
Harvest/Lot ID: F232991THC  
Batch#: 5096 4144 3897 4458  
Seed to Sale# Biotrack  
Sample Size Received: 13 units  
Total Amount: 2304 units  
Retail Product Size: 355 ml  
Sample Density: 1.0 g/mL  
Sampled: 11/08/23 02:00 PM  
Sampling Start: 02:00 PM  
Sampling End: 02:15 PM  
Sampling Method: SOP.T.20.010.NY

**PASSED**

Pages 1 of 6

Harney Brothers Cannabis  
License # : OCM-AUCP-23-000041  
5723 Rt 22  
Millerton, NY, 12546, US

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Terpenes <b>TESTED</b>

 **Cannabinoid** **PASSED**



	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<0.0006	<0.0007	<0.0007	0.0055	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.0013	<0.0007	<0.0007
mg/unit	<2.130	<2.485	<2.485	19.525	<2.485	<2.485	<2.485	<2.485	<2.485	<2.485	4.615	<2.485	<2.485
LOQ	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
2g  
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 11/13/23 12:54:28

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
11/29/23



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs

Orange Mango Sparkling Water  
mixed  
Matrix : Edible  
Type: Beverage



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Harney Brothers Cannabis

Sample : AL31111002-001

5723 Rt 22

Harvest/Lot ID: F232991THC

Millerton, NY, 12546, US

Batch# : 5096 4144 3897

Sample Size Received : 13 units

Telephone: (914) 643-6617

4458

Total Amount : 2304 units

Email: roseellen@harneybrotherscannabis.com

Sampled : 11/11/23

Sampling Method : SOP.T.20.010.NY

License # : OCM-AUCP-23-000041

Page 2 of 6



## Terpenes

**TESTED**

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
FARNESENE	0.10	<355.0	<0.10		ALPHA-HUMULENE	0.04	<142.0	<0.04	
LIMONENE	0.10	<355.0	<0.10		ALPHA-PHELLANDRENE	0.10	<355.0	<0.10	
TOTAL TERPENES	0.10	<355.0	<0.10		ALPHA-TERPINENE	0.10	<355.0	<0.10	
ALPHA-PINENE	0.10	<355.0	<0.10		BETA-MYRCENE	0.10	<355.0	<0.10	
3-CARENE	0.10	<355.0	<0.10		BETA-PINENE	0.10	<355.0	<0.10	
ALPHA-TERPINEOL	0.04	<142.0	<0.04		CIS-NEROLIDOL	0.04	<142.0	<0.04	
BETA-CARYOPHYLLENE	0.04	<142.0	<0.04		GAMMA-TERPINENE	0.04	<142.0	<0.04	
BORNEOL	0.04	<142.0	<0.04		TRANS-NEROLIDOL	0.10	<355.0	<0.10	
CAMPHENE	0.10	<355.0	<0.10						
CAMPHOR	0.04	<142.0	<0.04		Weight:				
CARYOPHYLLENE OXIDE	0.04	<142.0	<0.04		1.0041g				
CEDROL	0.04	<142.0	<0.04		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
EUCALYPTOL	0.10	<355.0	<0.10		Analysed Date : 11/13/23 15:30:28				
FENCHONE	0.04	<142.0	<0.04						
FENCHYL ALCOHOL	0.04	<142.0	<0.04						
GERANIOL	0.04	<142.0	<0.04						
GERANYL ACETATE	0.04	<142.0	<0.04						
GUAJOL	0.04	<142.0	<0.04						
ISOBORNEOL	0.10	<355.0	<0.10						
ISOPULEGOL	0.04	<142.0	<0.04						
LINALOOL	0.10	<355.0	<0.10						
MENTHOL	0.10	<355.0	<0.10						
NEROL	0.10	<355.0	<0.10						
OCIMENE	0.10	<355.0	<0.10						
PULEGONE	0.10	<355.0	<0.10						
SABINENE	0.10	<355.0	<0.10						
SABINENE HYDRATE	0.04	<142.0	<0.04						
TERPINOLENE	0.04	<142.0	<0.04						
VALENCENE	0.10	<355.0	<0.10						
ALPHA-BISABOLOL	0.04	<142.0	<0.04						
ALPHA-CEDRENE	0.04	<142.0	<0.04						
<b>Total (%)</b>			<b>&lt;0.10</b>						

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**Erica Troy**

Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164

Signature  
11/29/23



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Harney Brothers Cannabis

Sample : AL31111002-001

5723 Rt 22

Millerton, NY, 12546, US

Telephone: (914) 643-6617

Email: roseellen@harneybrotherscannabis.com

License # : OCM-AUCP-23-000041

Harvest/Lot ID: F232991THC

Batch# : 5096 4144 3897

4458

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Page 3 of 6



## Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<0.1	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<0.1
AZADIRACTHIN	0.1	ppm	1	PASS	<0.1	PERMETHRIN	0.1	ppm	0.2	PASS	<0.1
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<0.1	PHOSMET	0.1	ppm	0.2	PASS	<0.1
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<0.1	PRALLETHRIN	0.1	ppm	0.2	PASS	<0.1
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<0.1	PROPICONAZOLE	0.1	ppm	0.4	PASS	<0.1
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<0.1	PROPOXUR	0.1	ppm	0.2	PASS	<0.1
ACEPHATE	0.1	ppm	0.4	PASS	<0.1	PYRIDABEN	0.1	ppm	0.2	PASS	<0.1
ACEQUINOCYL	0.1	ppm	2	PASS	<0.1	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<0.1
ACETAMIPRID	0.1	ppm	0.2	PASS	<0.1	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<0.1
ALDICARB	0.1	ppm	0.4	PASS	<0.1	SPIROMESIFEN	0.1	ppm	0.2	PASS	<0.1
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<0.1
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<0.1	SPIROXAMINE	0.1	ppm	0.2	PASS	<0.1
BIFENAZATE	0.1	ppm	0.2	PASS	<0.1	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<0.1
BIFENTHRIN	0.1	ppm	0.2	PASS	<0.1	THIACLOPRID	0.1	ppm	0.2	PASS	<0.1
CARBARYL	0.1	ppm	0.2	PASS	<0.1	THIAMETHOXAM	0.1	ppm	0.2	PASS	<0.1
COUMAPHOS	0.1	ppm	1	PASS	<0.1	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<0.1	CAPTAN *	0.1	ppm	1	PASS	<0.1
DAMINOZIDE	0.1	ppm	1	PASS	<0.1	CHLORDANE *	0.1	ppm	1	PASS	<0.1
BOSCALID	0.1	ppm	0.4	PASS	<0.1	CHLORFENAPYR *	0.1	ppm	1	PASS	<0.1
CARBOFURAN	0.1	ppm	0.2	PASS	<0.1	CYFLUTHRIN *	0.1	ppm	1	PASS	<0.1
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<0.1	CYPERMETHRIN *	0.1	ppm	1	PASS	<0.1
CLOFENTEZINE	0.1	ppm	0.2	PASS	<0.1	METHYL PARATHION *	0.1	ppm	0.2	PASS	<0.1
DIAZINON	0.1	ppm	0.2	PASS	<0.1	MGK-264 *	0.1	ppm	0.2	PASS	<0.1
DICHLORVOS	0.1	ppm	1	PASS	<0.1	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<0.1
DIMETHOATE	0.1	ppm	0.2	PASS	<0.1						
DIMETHOMORPH	0.1	ppm	1	PASS	<0.1	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<0.1	0.4927g					
ETOFENPROX	0.1	ppm	0.4	PASS	<0.1	Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<0.1	Analyzed Date :11/13/23 15:21:45					
FENHEXAMID	0.1	ppm	1	PASS	<0.1						
FENOXYCARB	0.1	ppm	0.2	PASS	<0.1	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<0.1	0.4927g					
FIPRONIL	0.1	ppm	0.4	PASS	<0.1	Analysis Method :SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<0.1	Analyzed Date :11/13/23 15:10:28					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<0.1						
HEXYTHIAZOX	0.1	ppm	1	PASS	<0.1						
IMAZALIL	0.1	ppm	0.2	PASS	<0.1						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<0.1						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<0.1						
MALATHION	0.1	ppm	0.2	PASS	<0.1						
METALAXYL	0.1	ppm	0.2	PASS	<0.1						
METHIOCARB	0.1	ppm	0.2	PASS	<0.1						
METHOMYL	0.1	ppm	0.4	PASS	<0.1						
MEVINPHOS	0.1	ppm	1	PASS	<0.1						
NALED	0.1	ppm	0.5	PASS	<0.1						
OXAMYL	0.1	ppm	1	PASS	<0.1						

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**Erica Troy**

Lab Director

 NY Permit # OCM-CPL-2022-00006  
 ISO 17025 Accreditation # 97164



 Signature  
 11/29/23



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs

Orange Mango Sparkling Water  
mixed  
Matrix : Edible  
Type: Beverage



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5723 Rt 22  
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Email: roseellen@harneybrotherscannabis.com  
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Sampled : 11/11/23

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Sampling Method : SOP.T.20.010.NY

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## Residual Solvents

**PASSED**

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
DIMETHYL SULFOXIDE	750.0	ppm	5000	PASS	<750.0
1,1,1-TRICHLOROETHANE	225.0	ppm	1500	PASS	<225.0
HEXANE, TOTAL	625.0	ppm	290	PASS	<625.0
PENTANES, TOTAL	375.0	ppm	5000	PASS	<375.0
BUTANES, TOTAL	1800.0	ppm	5000	PASS	<1800.0
XYLENES, TOTAL	250.0	ppm	2170	PASS	<250.0
1,2-DICHLOROETHANE	0.5	ppm	5	PASS	<0.5
PROPANE	900.0	ppm	5000	PASS	<900.0
METHANOL	125.0	ppm	3000	PASS	<125.0
ETHANOL	125.0	ppm	5000	PASS	698.2
ETHYL ETHER	125.0	ppm	5000	PASS	<125.0
ACETONE	125.0	ppm	5000	PASS	<125.0
2-PROPANOL	125.0	ppm	5000	PASS	<125.0
ACETONITRILE	125.0	ppm	410	PASS	<125.0
DICHLOROMETHANE	125.0	ppm	600	PASS	<125.0
ETHYL ACETATE	125.0	ppm	5000	PASS	<125.0
BENZENE	0.5	ppm	2	PASS	<0.5
N-HEPTANE	125.0	ppm	5000	PASS	<125.0
TOLUENE	125.0	ppm	890	PASS	<125.0
CHLOROFORM	0.5	ppm	60	PASS	<0.5

Weight:  
0.02203g  
Analysis Method : SOP.T.40.044.NY  
Analyzed Date : 11/13/23 11:18:07

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
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Signature  
11/29/23



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Sample : AL31111002-001

5723 Rt 22

Millerton, NY, 12546, US

Telephone: (914) 643-6617

Email: roseellen@harneybrotherscannabis.com

License # : OCM-AUCP-23-000041

Harvest/Lot ID: F232991THC

Batch# : 5096 4144 3897

4458



Sampled : 11/11/23


Sample Size Received : 13 units

Total Amount : 2304 units

Sampling Method : SOP.T.20.010.NY

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.003	ppm	<0.003	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.003	ppm	<0.003	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.003	ppm	<0.003	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.010	ppm	<0.010	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS		Weight:					
						0.4927g					
Weight:						Analysis Method :					
1.0411g						SOP.T.30.104.NY, SOP.T.40.104.NY					
Analysis Method :						SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY					
SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						Analized Date :					
Analized Date :						11/13/23 16:24:07					
11/13/23 08:35:12											

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	120
ARSENIC	0.1000	ug/g	<0.1000	PASS	1.5
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.5
CHROMIUM	1.0000	ug/g	<1.0000	PASS	1100
COPPER	1.0000	ug/g	<1.0000	PASS	300
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	3
NICKEL	0.1000	ug/g	<0.1000	PASS	20
Weight:					
0.4623g					
Analysis Method :					
SOP.T.30.084.NY, SOP.T.40.084.NY					
Analized Date :					
11/13/23 14:31:36					



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs

Orange Mango Sparkling Water  
mixed  
Matrix : Edible  
Type: Beverage



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## Homogeneity

**PASSED**

Analyte	LOQ	Units	Pass/Fail	Result	Action Level
HOM1 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM1 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM2 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM2 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM3 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM3 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM4 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM4 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM5 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM5 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 11/13/23 12:54:28

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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