



Certificate of Analysis

FOR COMPLIANCE

Laboratory Sample ID: AL41211001-019



Production Method: Ethanol
Batch#: GST-33224-GUA
Seed to Sale#: na
Sample Size Received: 9.5 gram
Total Amount: 3000 units
Retail Product Size: 2 gram
Retail Serving Size: 2 gram
Servings: 1
Sampled: 12/10/24 04:30 PM
Sampling Start: 04:30 PM
Sampling End: 06:40 PM
Sampling Method: SOP.T.20.010.NY

HPI Canna Inc
License # : OCM-AUCP-22-000022
886 Noxon Road
Poughkeepsie, NY, 12603, US



PASSED

Pages 1 of 5

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
NOT TESTED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
PASSED

MISC.

Cannabinoid **PASSED**



Total THC
82.9862%
Total THC/Container : 1659.7240 mg



Total CBD
<0.1000
Total CBD/Container : 0.0000 mg



Total Cannabinoids
85.7203%
Total Cannabinoids/Container : 1714.4060 mg



	(6AR, 9R) D10-THC	(6AR, 9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	DB-THC	CBGA	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	1.8843	<0.1000	<0.1000	0.3989	82.9862	<0.1000	0.4509
mg/unit	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	37.686	<2.000	<2.000	7.978	1659.724	<2.000	9.018
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:
0.1508g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 12/12/24 16:17:45

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Erica Troy
Lab Director

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



Signature
12/16/24



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Telephone: (845) 533-5363
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Terpenes

PASSED

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-CARYOPHYLLENE	0.04	<0.800	<0.0400		Weight:				
CAMPHENE	0.10	<2.000	<0.1000		0.5586g				
CARYOPHYLLENE OXIDE	0.04	<0.800	<0.0400		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
GUAIOL	0.04	<0.800	<0.0400		Analyzed Date : 12/14/24 18:27:47				
LIMONENE	0.10	<2.000	<0.1000						
OCIMENE	0.10	<2.000	<0.1000						
TERPINOLENE	0.04	<0.800	<0.0400						
ALPHA-BISABOLOL	0.04	<0.800	<0.0400						
ALPHA-HUMULENE	0.04	<0.800	<0.0400						
ALPHA-PINENE	0.10	<2.000	<0.1000						
BETA-MYRCENE	0.10	<2.000	<0.1000						
BETA-PINENE	0.10	<2.000	<0.1000						
ALPHA TERPINEOL	0.04	<0.800	<0.0400						
FARNESENE	0.10	<2.000	<0.1000						
FENCHYL ALCOHOL	0.04	<0.800	<0.0400						
GERANIOL	0.04	<0.800	<0.0400						
LINALOOL	0.10	<2.000	<0.1000						
MENTHOL	0.10	<2.000	<0.1000						
VALENCENE	0.10	<2.000	<0.1000						
ALPHA-PHELLANDRENE	0.10	<2.000	<0.1000						
ALPHA-TERPINENE	0.10	<2.000	<0.1000						
Total (%)				<0.1000					

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Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ACEQUINOCLY	0.1000	ppm	2	PASS	<0.1000	PACLOBUTRAZOL	0.1000	ppm	0.4	PASS	<0.1000
PYRETHRINS, TOTAL	0.1000	ppm	1	PASS	<0.1000	PERMETHRIN	0.1000	ppm	0.2	PASS	<0.1000
AZADIRACTHIN	0.1000	ppm	1	PASS	<0.1000	PHOSMET	0.1000	ppm	0.2	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	0.1000	ppm	1	PASS	<0.1000	PRALLETHRIN	0.1000	ppm	0.2	PASS	<0.1000
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	<0.1000	PROPICONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
PIPERONYL BUTOXIDE	0.1000	ppm	2	PASS	<0.1000	PROPOXUR	0.1000	ppm	0.2	PASS	<0.1000
ABAMECTIN B1A	0.1000	ppm	0.5	PASS	<0.1000	PYRIDABEN	0.1000	ppm	0.2	PASS	<0.1000
ACEPHATE	0.1000	ppm	0.4	PASS	<0.1000	SPINETORAM, TOTAL	0.1000	ppm	1	PASS	<0.1000
ACETAMIPRID	0.1000	ppm	0.2	PASS	<0.1000	SPINOSAD, TOTAL	0.1000	ppm	0.2	PASS	<0.1000
ALDICARB	0.1000	ppm	0.4	PASS	<0.1000	SPIROMESIFEN	0.1000	ppm	0.2	PASS	<0.1000
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	<0.1000
CHLORMEQUAT CHLORIDE	0.1000	ppm	1	PASS	<0.1000	SPIROXAMINE	0.1000	ppm	0.2	PASS	<0.1000
BIFENAZATE	0.1000	ppm	0.2	PASS	<0.1000	TEBUCONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
BIFENTHRIN	0.1000	ppm	0.2	PASS	<0.1000	THIACLOPRID	0.1000	ppm	0.2	PASS	<0.1000
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	<0.1000	THIAMETHOXAM	0.1000	ppm	0.2	PASS	<0.1000
COUMAPHOS	0.1000	ppm	1	PASS	<0.1000	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000
CARBARYL	0.1000	ppm	0.2	PASS	<0.1000	CAPTAN *	0.1000	ppm	1	PASS	<0.1000
DAMINOZIDE	0.1000	ppm	1	PASS	<0.1000	CHLORDANE *	0.1000	ppm	1	PASS	<0.1000
CARBOFURAN	0.1000	ppm	0.2	PASS	<0.1000	CHLORFENAPYR *	0.1000	ppm	1	PASS	<0.1000
BOSCALID	0.1000	ppm	0.4	PASS	<0.1000	CYFLUTHRIN *	0.1000	ppm	1	PASS	<0.1000
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	<0.1000	CYPERMETHRIN *	0.1000	ppm	1	PASS	<0.1000
DIAZINON	0.1000	ppm	0.2	PASS	<0.1000	METHYL PARATHION *	0.1000	ppm	0.2	PASS	<0.1000
CLOFENTEZINE	0.1000	ppm	0.2	PASS	<0.1000	MGK-264 *	0.1000	ppm	0.2	PASS	<0.1000
DICHLORVOS	0.1000	ppm	1	PASS	<0.1000	PENTACHLORONITROBENZENE *	0.1000	ppm	1	PASS	<0.1000
DIMETHOATE	0.1000	ppm	0.2	PASS	<0.1000						
DIMETHOMORPH	0.1000	ppm	1	PASS	<0.1000	Weight:					
ETHOPROPHOS	0.1000	ppm	0.2	PASS	<0.1000	0.5597g					
ETOFENPROX	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1000	ppm	0.2	PASS	<0.1000	Analyzed Date : 12/16/24 13:06:55					
FENHEXAMID	0.1000	ppm	1	PASS	<0.1000						
FENYOXCARB	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
FENPYROXIMATE	0.1000	ppm	0.4	PASS	<0.1000	0.5597g					
FIPRONIL	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
FLONICAMID	0.1000	ppm	1	PASS	<0.1000	Analyzed Date : 12/16/24 15:10:54					
FLUDIOXONIL	0.1000	ppm	0.4	PASS	<0.1000						
HEXYTHIAZOX	0.1000	ppm	1	PASS	<0.1000						
IMAZALIL	0.1000	ppm	0.2	PASS	<0.1000						
IMIDACLOPRID	0.1000	ppm	0.4	PASS	<0.1000						
KRESOXIM METHYL	0.1000	ppm	0.4	PASS	<0.1000						
MALATHION	0.1000	ppm	0.2	PASS	<0.1000						
METALAXYL	0.1000	ppm	0.2	PASS	<0.1000						
METHIOCARB	0.1000	ppm	0.2	PASS	<0.1000						
METHOMYL	0.1000	ppm	0.4	PASS	<0.1000						
MEVINPHOS	0.1000	ppm	1	PASS	<0.1000						
NALED	0.1000	ppm	0.5	PASS	<0.1000						
OXAMYL	0.1000	ppm	1	PASS	<0.1000						

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Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
1,1,1,2-TETRAFLUOROETHANE	500.0	ppm	1000	PASS	<500.0
DIMETHYL SULFOXIDE	375.0	ppm	5000	PASS	<375.0
1,1,1-TRICHLOROETHANE	375.0	ppm	1500	PASS	<375.0
HEXANE, TOTAL	125.0	ppm	290	PASS	<125.0
PENTANES, TOTAL	125.0	ppm	5000	PASS	<125.0
BUTANES, TOTAL	750.0	ppm	5000	PASS	<750.0
XYLENES, TOTAL	125.0	ppm	2170	PASS	<125.0
1,2-DICHLOROETHANE	1.3	ppm	5	PASS	<1.3
PROPANE	750.0	ppm	5000	PASS	<750.0
METHANOL	125.0	ppm	3000	PASS	<125.0
ETHANOL	125.0	ppm	5000	PASS	<125.0
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	1.3	ppm	2	PASS	<1.3
N-HEPTANE	125.0	ppm	5000	PASS	<125.0
TOLUENE	125.0	ppm	890	PASS	<125.0
CHLOROFORM	1.3	ppm	60	PASS	<1.3

 Weight:
 0.0268g

 Analysis Method : SOP.T.40.044.NY
 Analyzed Date : 12/12/24 11:17:06

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Sample : AL41211001-019


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Sampling Method : SOP.T.20.010.NY

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 Microbial PASSED						 Mycotoxins PASSED					
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	0.0025	ppm	<0.0025	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<0.0025	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1		Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<0.0025	PASS	0.02
SALMONELLA SPECIES	1		Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS TERREUS	1		Not Present	PASS		OCHRATOXIN A+	0.0100	ppm	<0.0100	PASS	0.02
ASPERGILLUS NIGER	1		Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS FLAVUS	1		Not Present	PASS							
ASPERGILLUS FUMIGATUS	1		Not Present	PASS		Weight:					
						0.5597g					
						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
						Analyzed Date : 12/16/24 13:32:15					
Weight:											
0.81g											
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY											
Analyzed Date : 12/14/24 18:11:27											

 Heavy Metals PASSED					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	2
ARSENIC	0.1000	ug/g	<0.1000	PASS	0.2
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.2
CHROMIUM	1.0000	ug/g	<1.0000	PASS	110
COPPER	1.0000	ug/g	<1.0000	PASS	30
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	0.1
NICKEL	0.1000	ug/g	<0.1000	PASS	2
Weight:					
0.4775g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 12/16/24 10:30:35					

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