



# Certificate of Analysis

Sample:AL30221009-012  
Harvest/Lot ID: 00623-01FLW4  
Batch#: 00623-01FLW4  
Cultivation Facility:  
Processing Facility :  
Distributor Facility :  
Source Facility :  
Seed to Sale# N/A  
Batch Date: 01/06/23  
Sample Size Received: 20 units  
Total Amount: 6479 units  
Retail Product Size: 3.5 gram  
Ordered : 02/16/23  
Sampled : 02/16/23  
Completed: 03/09/23  
Sampling Method: N/A

**PASSED**

Mar 09, 2023 | HPI Canna Inc

886 Noxon Road  
Poughkeepsie, NY, 12603, US



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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>NOT TESTED</b>	 Filtration <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>PASSED</b>	 Terpenes <b>NOT TESTED</b>

	<b>Cannabinoid</b>	<b>PASSED</b>
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	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	1.259	<LOQ	0.12	2.4092	28.0053	<LOQ
mg/unit	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	44.065	<LOQ	4.2	84.322	980.1855	<LOQ
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 424, 397, 297	Weight: 0.2152g	Extraction date: 02/23/23 09:57:46	Extracted by: 330,397,683
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY		Reviewed On : 03/07/23 15:37:52	
Analytical Batch : AL000765POT		Batch Date : 02/22/23 17:13:04	
Instrument Used : AL-115 (Flower)			
Running on : 03/03/23 17:44:56			

Dilution : 400  
Reagent : 053122.01; 070822.09  
Consumables : 309646; 210913-274-D; 11152021; 292651; 9LCJ1611R; 0980420; 239146; 257382/ 257796; 300118183  
Pipette : AL-030 - Disp. S 5-50 ml

Potency results for bulk flower and plant forms are reported on a dry weight basis. Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



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886 Noxon Road  
Poughkeepsie, NY, 12603, US  
Telephone: (716) 431-8212  
Email: d.mosquera@hpicanna.com

Sample : AL30221009-012  
Harvest/Lot ID: 00623-01FLW4

Batch# : 00623-01FLW4  
Sampled : 02/16/23  
Ordered : 02/16/23

Sample Size Received : 20 units

Total Amount : 6479 units  
Completed : 03/09/23

Sample Method : SOP Client Method

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## 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	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTIN	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PROPICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACEQUINOCYL	0.1	ppm	2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.1	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ						
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ						
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ						
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ						
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ						
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ						
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ						
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ						
FLONICAMID	0.1	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

Analyzed by: 424, 735, 297      Weight: 0.9581g      Extraction date: 02/23/23 13:53:18      Extracted by: 395

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY  
Analytical Batch : AL000754PES      Reviewed On : 03/09/23 18:43:21  
Instrument Used : AL-276 - LCMSMS      Batch Date : 02/21/23 19:27:09  
Running on : 03/03/23 16:58:31

Dilution : 25  
Reagent : 020723.R06; 040522.08; 102122.R01; 102122.01  
Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001  
Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.

Analyzed by: 424, 297      Weight: 0.9581g      Extraction date: 02/23/23 13:53:18      Extracted by: 395

Analysis Method : SOP.T.40.154.NY  
Analytical Batch : AL000773VOL      Reviewed On : 03/09/23 19:12:38  
Instrument Used : N/A      Batch Date : 02/23/23 13:01:49  
Running on : 03/03/23 16:58:36

Dilution : 25  
Reagent : 020723.R06; 040522.08; 102122.R01; 102122.01  
Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001  
Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



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 886 Noxon Road  
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 Telephone: (716) 431-8212  
 Email: d.mosquera@hpicanna.com

 Sample : AL30221009-012  
 Harvest/Lot ID: 00623-01FLW4

 Batch# : 00623-01FLW4  
 Sampled : 02/16/23  
 Ordered : 02/16/23

 Sample Size Received : 20 units  
 Total Amount : 6479 units  
 Completed : 03/09/23

Sample Method : SOP Client Method

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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	10	CFU/g	490000	TESTED		AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	34000	TESTED		AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Analyzed by: 294, 600, 357, 297				Weight: 1.0365g		Extraction date: 02/22/23 15:23:23		Extracted by: 600			
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analytical Batch : AL000760MIC Instrument Used : AL-250 - Gene-Up Running on : 02/22/23 16:41:04						Analyzed by: 424, 297 Weight: 0.9581g Extraction date: 02/23/23 13:53:18 Extracted by: 395					
Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analytical Batch : AL000772MYC Instrument Used : N/A Running on : 03/03/23 16:58:28						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analytical Batch : AL000772MYC Instrument Used : N/A Running on : 03/03/23 16:58:28					
Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : 25 Reagent : 020723.R06; 040522.08; 102122.R01; 102122.01 Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001 Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml					

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1	ug/g	<LOQ	PASS	2
ARSENIC	0.1	ug/g	<LOQ	PASS	0.2
CADMIUM	0.1	ug/g	<LOQ	PASS	0.3
CHROMIUM	0.1	ug/g	<LOQ	PASS	110
COPPER	1	ug/g	13.862	PASS	30
LEAD	0.1	ug/g	<LOQ	PASS	0.5
MERCURY	0.01	ug/g	<LOQ	PASS	0.1
NICKEL	0.1	ug/g	1.391	PASS	2

Analyzed by: 397, 424, 297		Weight: 0.4627g		Extraction date: 02/23/23 11:08:53		Extracted by: 566,397	
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analytical Batch : AL000757HEA Instrument Used : AL-079 (Inhalation) Running on : N/A							
Dilution : 500 Reagent : 051122.05; 022223.R04; 021423.R02; 021423.R03; 021323.10; 022323.R23; 022323.R24 Consumables : X0039CTBWP; 309646; 7580130; 0980420; 239146; 257382/ 257796; A29897140 Pipette : AL-007 - Transf. S 20-200 ul; AL-013 - Transf. S 100-1000; AL-022 - Transf. S 1-10 ml; AL-180 - Bottletop dispenser 1-10mL; AL-197 - Single Channel Pipette, Adjustable 0.5-5mL; AL-232 - Bottletop Dispenser 0.2 - 2mL							

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



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Sample : AL30221009-012  
Harvest/Lot ID: 00623-01FLW4

Batch# : 00623-01FLW4  
Sampled : 02/16/23  
Ordered : 02/16/23

Sample Size Received : 20 units  
Total Amount : 6479 units  
Completed : 03/09/23  
Sample Method : SOP Client Method

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**Filth/Foreign Material** **PASSED**



**Moisture** **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Stems (>3mm)	1	%	ND	PASS	5
Foreign Matter	0.1	%	ND	PASS	2
Mammalian excreta	0.1	mg	ND	PASS	1

Analyzed by: 395, 509, 297    Weight: 17.714g    Extraction date: 02/22/23 16:54:16    Extracted by: 395

Analysis Method : SOP.T.40.090  
Analytical Batch : AL000759FIL  
Instrument Used : AL-113 - Stereo Microscope/ZTX-3E  
Running on : N/A  
Reviewed On : 02/23/23 22:20:18  
Batch Date : 02/22/23 06:15:23

Dilution : N/A  
Reagent : N/A  
Consumables : N/A  
Pipette : N/A

Foreign matter inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



**Water Activity** **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.55	PASS	0.65

Analyzed by: 330, 424, 297    Weight: 0.7492g    Extraction date: 02/24/23 11:52:00    Extracted by: 566

Analysis Method : SOP.T.40.019  
Analytical Batch : AL000756WAT  
Instrument Used : AL-110 - Water Activity Meter  
Running on : N/A  
Reviewed On : 02/27/23 10:16:06  
Batch Date : 02/21/23 19:28:30

Dilution : N/A  
Reagent : N/A  
Consumables : N/A  
Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	5	%	10.7	PASS	15

Analyzed by: 683, 509, 297    Weight: 0.493g    Extraction date: 02/23/23 13:34:01    Extracted by: 683  
Analysis Method : SOP.T.40.021  
Analytical Batch : AL000758MOI  
Instrument Used : AL-109 - MOC63u UL  
Running on : N/A  
Reviewed On : 02/23/23 22:21:50  
Batch Date : 02/22/23 06:14:21

Dilution : N/A  
Reagent : 010722.03; 091422.07  
Consumables : 239146; 951; GD220004  
Pipette : AL-220 - Transf. S 20-200uL

Moisture Content analysis utilizing loss-on-drying technology in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.