



# Certificate of Analysis

Sample:AL30123002-005  
Harvest/Lot ID: 00123-01FLW5  
Batch#: 00123-01FLW5  
Cultivation Facility:  
Processing Facility :  
Distributor Facility :  
Source Facility :  
Seed to Sale# N/A  
Batch Date: 01/01/23  
Sample Size Received: 14 units  
Total Amount: 3200 units  
Retail Product Size: 3.5 gram  
Ordered : 01/18/23  
Sampled : 01/18/23  
Completed: 02/24/23  
Sampling Method: N/A

**PASSED**

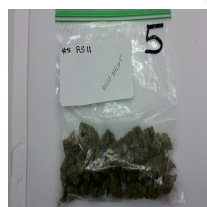
Feb 24, 2023 | HPI Canna Inc

886 Noxon Road  
Poughkeepsie, NY, 12603, US



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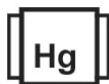
## PRODUCT IMAGE



## SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**



Terpenes  
**NOT TESTED**

## MISC.



## Cannabinoid

**PASSED**



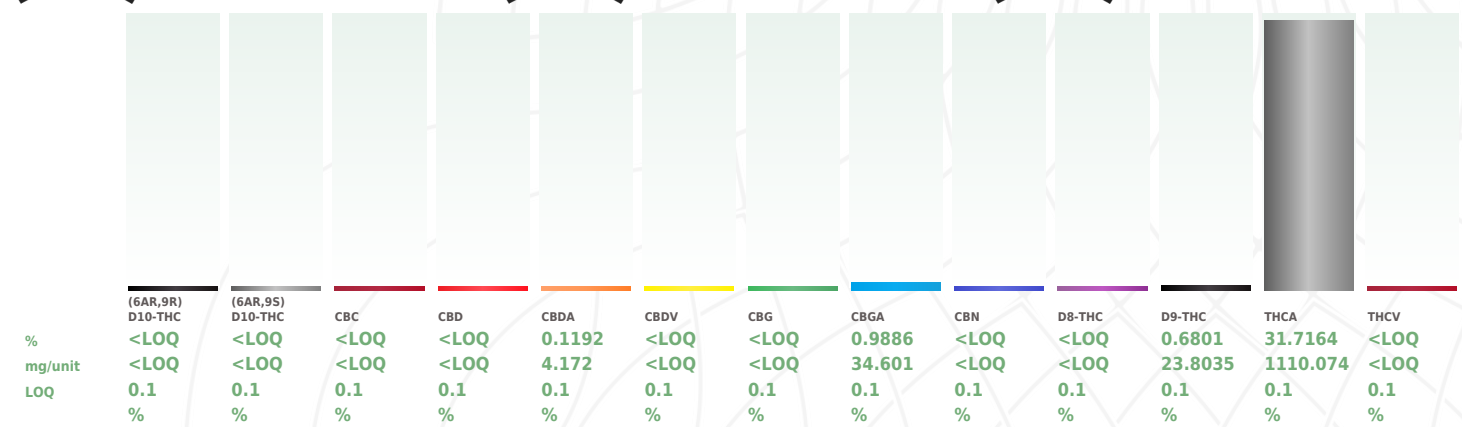
Total THC  
**28.4953%**



Total CBD  
**0.1045%**



Total Cannabinoids  
**33.5043%**



Analyzed by:  
397, 312, 242, 424, 395

Weight:  
0.2184g

Extraction date:  
01/25/23 12:53:47

Extracted by:  
330,397

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analytical Batch : AL000548POT  
Instrument Used : AL-114 (Flower)  
Running on : 01/25/23 16:22:01

Reviewed On : 01/26/23 16:52:26  
Batch Date : 01/25/23 12:05:15

Dilution : 400  
Reagent : 010722.03; 070822.05; 011823.R06; 012323.R23  
Consumables : 2660615; 210913-274-D; 11152021  
Pipette : N/A

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.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Revision: #3

This revision supersedes any and all previous versions of this document.

Erica Troy  
Lab Director

NY Permit # OCMPPCL-2022-00006  
ISO 17025 Accreditation # 97164



Signature

02/24/23

Signed On



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HPI Canna Inc

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

 Sample : AL30123002-005  
 Harvest/Lot ID: 00123-01FLW5

 Batch# : 00123-01FLW5  
 Sampled : 01/18/23  
 Ordered : 01/18/23

 Sample Size Received : 14 units  
 Total Amount : 3200 units  
 Completed : 02/24/23  
 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	Analyzed by:	Weight:	Extraction date:		Extracted by:	
AZADIRACTIN	0.1	ppm	1	PASS	<LOQ	295, 509, 395, 366, 290	0.8253g	01/24/23 14:22:33		395	
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	Analytical Batch : AL000539PES					
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	Instrument Used : AL-131 - Vanquish					
						Running on : 01/25/23 14:54:55					
						Dilution : 25					
						Reagent : 011323.R01; 040522.08; 102122.R01; 102122.01					
						Consumables : 11152021; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; 00322280					
						Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-014 - Transf. S 100-1000 ul					
						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:	Weight:	Extraction date:		Extracted by:	
						295, 509, 366, 395, 290	0.8253g	01/24/23 14:22:33		395	
						Analysis Method : SOP.T.40.154.NY					
						Analytical Batch : AL000546VOL					
						Instrument Used : AL-123 - GC/MS/MS					
						Running on : 01/26/23 11:29:27					
						Dilution : 25					
						Reagent : N/A					
						Consumables : N/A					
						Pipette : N/A					
						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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 Sample Method : SOP Client Method

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Microbial <b>PASSED</b>						Mycotoxins <b>PASSED</b>					
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	61000	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: 357, 294, 395    Weight: 1.2608g    Extraction date: 01/24/23 10:42:47    Extracted by: 357 Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analytical Batch : AL000534MIC Instrument Used : AL-092 Incubator,AL-093 Incubator,AL-227 Tempo Reader,AL-228 Tempo Filler,AL-250 - Gene-Up,AL-251 - Talboys Heavy Duty Vortex,AL-266 - Incubator - Heratherm IGS60 Running on : 01/24/23 17:53:48 Dilution : N/A Reagent : N/A Consumables : N/A Pipette : AL-074 Fisher 1 -10 uL pipette; AL-078 - 2-20 ul pipette disp.; AL-069 100-1000 ul pipette disp.; AL-073 - 20-200 ul pipette disp.						Analyzed by: 295, 509, 395, 290    Weight: 0.8253g    Extraction date: 01/24/23 14:22:33    Extracted by: 395 Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analytical Batch : AL000545MYC    Reviewed On : 01/30/23 14:20:39 Instrument Used : AL-131 - Vanquish    Batch Date : 01/25/23 11:02:20 Running on : 01/25/23 14:58:48 Dilution : 25 Reagent : 011323.R01; 040522.08; 102122.R01; 102122.01 Consumables : 11152021; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; 00322280 Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-014 - Transf. S 100-1000 ul 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.					



## Heavy Metals

**PASSED**

Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1	ug/g	ND	PASS	2
ARSENIC	0.1	ug/g	ND	PASS	0.2
CADMIUM	0.1	ug/g	<LOQ	PASS	0.3
CHROMIUM	0.1	ug/g	<LOQ	PASS	110
COPPER	1	ug/g	<LOQ	PASS	30
LEAD	0.1	ug/g	<LOQ	PASS	0.5
MERCURY	0.01	ug/g	ND	PASS	0.1
NICKEL	0.1	ug/g	<LOQ	PASS	2
Analyzed by: 397, 509, 395    Weight: 0.4224g    Extraction date: 01/25/23 15:24:33    Extracted by: 397,566 Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analytical Batch : AL000547HEA    Reviewed On : 01/30/23 13:41:16 Instrument Used : AL-079 (Inhalation)    Batch Date : 01/25/23 11:54:38 Running on : 01/26/23 15:56:14 Dilution : 500 Reagent : 012323.R04; 093022.R43; 010623.R16; 102022.15 Consumables : 2660615; 239146; K200134R; 7580130; 257382/ 257796 Pipette : AL-007 - Transf. S 20-200 uL; AL-013 - Transf. S 100-1000; 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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**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, 330	Weight: 9.2522g	Extraction date: 01/24/23 12:59:39	Extracted by: 395
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Analysis Method : SOP.T.40.090	Reviewed On : 01/26/23 17:07:25 Batch Date : 01/24/23 12:12:29
Analytical Batch : AL000538FIL	
Instrument Used : AL-113 - Stereo Microscope/ZTX-3E	
Running on : N/A	

 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	0.24	PASS	0.65

Analyzed by: 330, 395	Weight: 0.2395g	Extraction date: 01/27/23 12:57:34	Extracted by: 330
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Analysis Method : SOP.T.40.019	Reviewed On : 01/27/23 15:27:59 Batch Date : 01/26/23 09:46:33
Analytical Batch : AL000553WAT	
Instrument Used : AL-110 - Water Activity Meter	
Running on : N/A	

 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