



# Certificate of Analysis

**Sample:**AL30203002-005  
**Harvest/Lot ID:** 31922-02-FLW0  
**Batch#:** 31922-02-FLW0  
**Cultivation Facility:**  
**Processing Facility:**  
**Distributor Facility:**  
**Source Facility:**  
**Seed to Sale#** N/A  
**Batch Date:** N/A  
**Sample Size Received:** 8 gram  
**Total Amount:** 500 gram  
**Retail Product Size:** 3.5 gram  
**Ordered :** 02/02/23  
**Sampled :** 02/02/23  
**Completed:** 03/07/23  
**Sampling Method:** N/A

**PASSED**

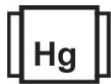
Mar 07, 2023 | HPI Canna Inc

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**

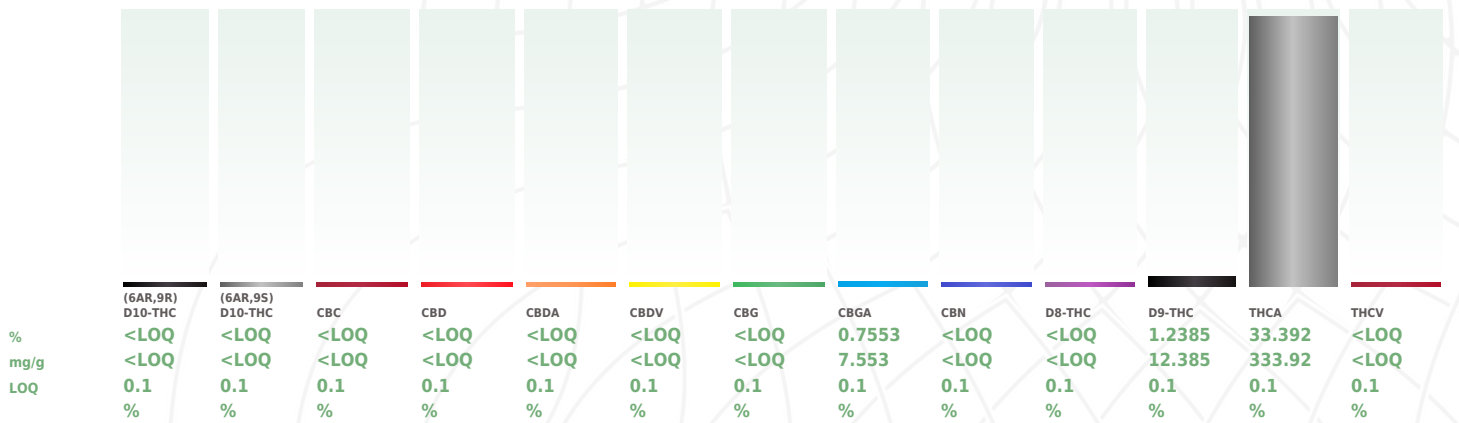
Moisture  
**PASSED**

Terpenes  
**NOT TESTED**
**MISC.**

**Cannabinoid**
**PASSED**

**Total THC**
**30.5232%**

**Total CBD**
**<LOQ**

**Total Cannabinoids**
**35.3858%**

Analyzed by:  
312

Weight:  
0.2043g

Extraction date:  
02/24/23 14:29:33

Extracted by:  
683,312

**Analysis Method :** SOP.T.30.031.NY, SOP.T.40.031.NY  
**Analytical Batch :** AL000793POT  
**Instrument Used :** AL-114 (Flower)  
**Running on :** N/A

**Reviewed On :** 02/24/23 14:42:27  
**Batch Date :** 02/24/23 14:21:46

**Dilution :** 400  
**Reagent :** N/A  
**Consumables :** N/A  
**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: #4**

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

03/07/23

Signed On



# Certificate of Analysis

**PASSED**


HPI Canna Inc

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

 Sample : AL30203002-005  
 Harvest/Lot ID: 31922-02-FLW0

 Batch# : 31922-02-FLW0    Sample Size Received : 8 gram  
 Sampled : 02/02/23    Total Amount : 500 gram  
 Ordered : 02/02/23    Completed : 03/07/23  
 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   | Analyzed by: 395, 295, 509, 297  | Weight: 0.9816g | Extraction date: 02/06/23 12:18:09 | Extracted by: 395 |           |        |
| DIMETHOMORPH          | 0.1 | ppm   | 1            | PASS      | <LOQ   | Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY  |                 |                                    |                   |           |        |
| ETHOPROPHOS           | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Analytical Batch : AL000631PES   |                 | Reviewed On : 02/13/23 12:34:02    |                   |           |        |
| ETOFENPROX            | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Instrument Used : AL-131 - Vanquish  |                 | Batch Date : 02/03/23 16:17:32     |                   |           |        |
| ETOXAZOLE             | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Running on : 02/08/23 11:11:47   |                 |                                    |                   |           |        |
| FENHEXAMID            | 0.1 | ppm   | 1            | PASS      | <LOQ   | Dilution : 25  |                 |                                    |                   |           |        |
| FENOXYCARB            | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Reagent : 012723.R14; 040522.08; 102122.R01; 102122.01   |                 |                                    |                   |           |        |
| FENPYROXIMATE         | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Consumables : 11152021; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; 00322280  |                 |                                    |                   |           |        |
| FIPRONIL              | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-014 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml  |                 |                                    |                   |           |        |
| FLONICAMID            | 0.1 | ppm   | 1            | PASS      | <LOQ   | 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. |                 |                                    |                   |           |        |
| FLUDIOXONIL           | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Analyzed by: 424, 616, 297   | Weight: 0.9816g | Extraction date: 02/06/23 12:18:09 | Extracted by: 395 |           |        |
| HEXYTHIAZOX           | 0.1 | ppm   | 1            | PASS      | <LOQ   | Analysis Method : SOP.T.40.154.NY  |                 |                                    |                   |           |        |
| IMAZALIL              | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Analytical Batch : AL000639VOL   |                 | Reviewed On : 02/17/23 16:00:10    |                   |           |        |
| IMIDACLOPRID          | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Instrument Used : N/A  |                 | Batch Date : 02/06/23 15:05:59     |                   |           |        |
| KRESOXIM METHYL       | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Running on : 02/17/23 15:34:41   |                 |                                    |                   |           |        |
| MALATHION             | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Dilution : 25  |                 |                                    |                   |           |        |
| METALAXYL             | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Reagent : 012723.R14; 040522.08; 102122.R01; 102122.01   |                 |                                    |                   |           |        |
| METHIOCARB            | 0.1 | ppm   | 0.2          | PASS      | <LOQ   | Consumables : 11152021; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; 00322280  |                 |                                    |                   |           |        |
| METHOMYL              | 0.1 | ppm   | 0.4          | PASS      | <LOQ   | Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-014 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml  |                 |                                    |                   |           |        |
| MEVINPHOS             | 0.1 | ppm   | 1            | PASS      | <LOQ   | 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.    |                 |                                    |                   |           |        |
| NALED                 | 0.1 | ppm   | 0.5          | PASS      | <LOQ   |  |                 |                                    |                   |           |        |
| OXAMYL                | 0.1 | ppm   | 1            | PASS      | <LOQ   |  |                 |                                    |                   |           |        |



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

 Sample : AL30203002-005  
 Harvest/Lot ID: 31922-02-FLW0


 Batch# : 31922-02-FLW0  
 Sampled : 02/02/23  
 Ordered : 02/02/23

 Sample Size Received : 8 gram  
 Total Amount : 500 gram  
 Completed : 03/07/23  
 Sample Method : SOP Client Method

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|  <b>Microbial</b> <b>PASSED</b>  |     |       |             |             |              |  <b>Mycotoxins</b> <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 | TNTC        | TESTED      |              | AFLATOXIN G2   | 0.0025 | ppm   | <LOQ   | PASS        | 0.02         |
| TOTAL YEAST AND MOLD  | 10  | CFU/g | 67000       | 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, 312, 297<br>Weight: 1.1032g<br>Extraction date: 02/06/23 10:53:14<br>Extracted by: 600,294   |     |       |             |             |              | Analyzed by: 395, 295, 509, 297<br>Weight: 0.9816g<br>Extraction date: 02/06/23 12:18:09<br>Extracted by: 395  |        |       |        |             |              |
| Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY<br>Analytical Batch : AL000637MIC<br>Instrument Used : AL-250 - Gene-Up<br>Running on : 02/06/23 14:56:53 |     |       |             |             |              | Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY<br>Analytical Batch : AL000640MYC<br>Instrument Used : AL-131 - Vanquish<br>Running on : 02/08/23 11:12:36  |        |       |        |             |              |
| Dilution : N/A<br>Reagent : N/A<br>Consumables : N/A<br>Pipette : N/A   |     |       |             |             |              | Dilution : 25<br>Reagent : 012723.R14; 040522.08; 102122.R01; 102122.01<br>Consumables : 11152021; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796;<br>296123225; 00322280<br>Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-014 - 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> <b>PASSED</b>   |      |       |        |             |              |
|---|------|-------|--------|-------------|--------------|
| 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  | <LOQ   | 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  | <LOQ   | PASS        | 2            |
| Analyzed by: 397, 509, 242, 297<br>Weight: 0.5165g<br>Extraction date: 02/07/23 10:45:21<br>Extracted by: 397,566   |      |       |        |             |              |
| Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY<br>Analytical Batch : AL000632HEA<br>Instrument Used : AL-079 (Inhalation)<br>Running on : 02/07/23 15:41:32 |      |       |        |             |              |
| Dilution : 500<br>Reagent : N/A<br>Consumables : N/A<br>Pipette : N/A   |      |       |        |             |              |

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 : AL30203002-005  
 Harvest/Lot ID: 31922-02-FLW0

 Batch# : 31922-02-FLW0  
 Sampled : 02/02/23  
 Ordered : 02/02/23

 Sample Size Received : 8 gram  
 Total Amount : 500 gram  
 Completed : 03/07/23  
 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: N/A Weight: NA Extraction date: N/A Extracted by: N/A

 Analysis Method : SOP.T.40.090  
 Analytical Batch : N/A  
 Instrument Used : N/A  
 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.

 Reviewed On : 03/07/23 10:43:53  
 Batch Date : N/A

| Analyte          | LOQ | Units | Result | P/F  | Action Level |
|------------------|-----|-------|--------|------|--------------|
| Moisture Content | 5   | %     | 9.8    | PASS | 15           |

 Analyzed by: N/A Weight: NA  
 Analysis Method : SOP.T.40.021  
 Analytical Batch : N/A  
 Instrument Used : N/A  
 Running on : N/A

 Reviewed On : 02/24/23 14:41:33  
 Batch Date : N/A

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

Moisture Content analysis utilizing loss-on-drying technology 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    | 0.25   | PASS | 0.65         |

Analyzed by: N/A Weight: NA Extraction date: N/A Extracted by: N/A

 Analysis Method : SOP.T.40.019  
 Analytical Batch : N/A  
 Instrument Used : N/A  
 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

 Reviewed On : 03/07/23 10:50:51  
 Batch Date : N/A