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### **Certificate of Analysis**

Date Released: 2/20/2023 9:28:06PM

Report #: 335

### **Gary Payton**

Sample #: 136, Weight: 15.00g, Unit Count:

Order #: X230207-0004 Category/Type: Plant, Preroll

Date Collected: 2/7/2023 10:03:24AM Date Received: 2/7/2023 11:10:34AM Date Analyzed: 2/13/2023 1:28:50PM Regulator Sample ID: 2302KSTNY0055.0270 Regulator Source Package ID: GP- Pre Rolls

Regulator Batch ID: 0



**Total Cannabinoids** 21.98 % 219.8mg/g



Total THC 18.83 %





10.4 %



**PASS** 

188.3 mg/g

0.4mg/g

0.04 %

2.7 %



Date Completed: 02/13/2023 1:28PM

Microbials **PASS** 

Pesticides **PASS** 

**Mycotoxins PASS** 

**PASS** 

Foreign Matter Water Activity **PASS** 

**Potency Analysis by HPLC** 

Total Cannabinoids: 21.98 % - 219.8 mg/g

Total THC: 18.83 % - 188.3mg/g Total CBD: 0.04 % - 0.4 mg/g

| Compound | CAS#       | LOQ<br>(%) | %     | mg/g  |
|----------|------------|------------|-------|-------|
| THCa     | 23978-85-0 | 0.001      | 20.23 | 202.3 |
| d9-THC   | 1972-08-3  | 0.001      | 1.09  | 10.9  |
| CBGa     | 25555-57-1 | 0.001      | 0.55  | 5.5   |
| CBDa     | 1244-58-2  | 0.001      | 0.05  | 0.5   |
| THCV     | 31262-37-0 | 0.001      | 0.03  | 0.3   |
| CBG      | 25654-31-3 | 0.001      | 0.03  | 0.3   |
| d8-THC   | 5957-75-5  | 0.001      | ND    | ND    |
| d10-THC  | 95543-62-7 | 0.001      | ND    | ND    |
| CBD      | 13956-29-1 | 0.001      | ND    | ND    |
| CBDV     | 24274-48-4 | 0.001      | ND    | ND    |
| CBC      | 20675-51-8 | 0.001      | ND    | ND    |
| CBN      | 521-35-7   | 0.001      | ND    | ND    |

**Relative Concentration** 

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed

Total THC = d9-THC + d8-THC + d10-THC + (0.877\*THCa)

Total CBD = CBD + (0.877\*CBDa)

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Kelly N. Greela

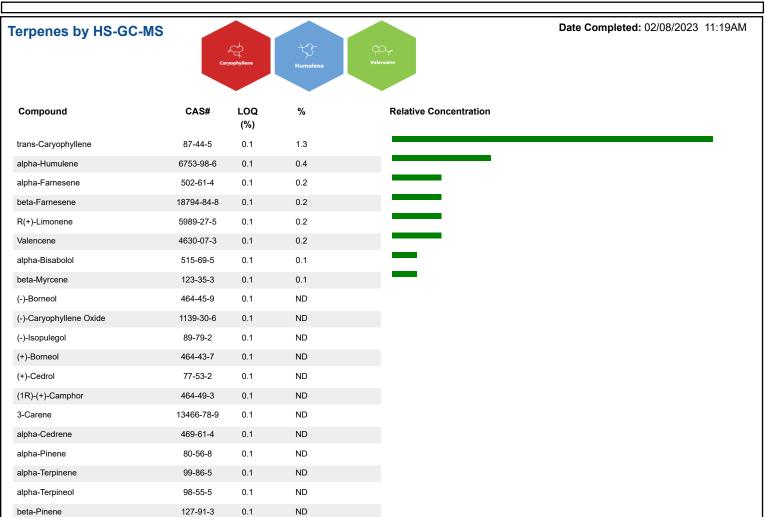




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# Certificate of Analysis

Sample #: 136 Gary Payton



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### **Certificate of Analysis**

FINAL

Sample #: 136 Gary Payton

| Compound             | CAS#       | LOQ<br>(%) | %  | Relative Concentration |
|----------------------|------------|------------|----|------------------------|
| Camphene             | 79-92-5    | 0.1        | ND |                        |
| cis-Nerolidol        | 142-50-7   | 0.1        | ND |                        |
| cis-Ocimene          | 3338-55-4  | 0.1        | ND |                        |
| Endo-Fenchyl Alcohol | 14575-74-7 | 0.1        | ND |                        |
| Eucalyptol           | 470-82-6   | 0.1        | ND |                        |
| Fenchone             | 1195-79-5  | 0.1        | ND |                        |
| gamma-Terpinene      | 99-85-4    | 0.1        | ND |                        |
| gamma-Terpineol      | 586-81-2   | 0.1        | ND |                        |
| Geraniol             | 106-24-1   | 0.1        | ND |                        |
| Geranyl Acetate      | 105-87-3   | 0.1        | ND |                        |
| Guaiol               | 489-86-1   | 0.1        | ND |                        |
| Hexahydro Thymol     | 15356-70-4 | 0.1        | ND |                        |
| Linalool             | 78-70-6    | 0.1        | ND |                        |
| Nerol                | 106-25-2   | 0.1        | ND |                        |
| p-Mentha-1,5-diene   |            | 0.1        | ND |                        |
| Pulegone             | 89-82-7    | 0.1        | ND |                        |
| Sabinene             | 3387-41-5  | 0.1        | ND |                        |
| Sabinene Hydrate     | 546-79-2   | 0.1        | ND |                        |
| Terpinolene          | 586-62-9   | 0.1        | ND |                        |
| trans-Nerolidol      | 40716-66-3 | 0.1        | ND |                        |
| trans-Ocimene        | 3779-61-1  | 0.1        | ND |                        |

| Foreign Matter by Microscopy |                  | Pass    |            | <b>Date Completed:</b> 02/07/2023 4:42 pm |        |
|------------------------------|------------------|---------|------------|---|--------|
|                              | Compound         | LOQ (%) | Limits (%) | Result (%)                                | Status |
|                              | % Foreign Matter | 0.001   | 2.0        | ND  | Pass   |

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### **Certificate of Analysis**

FINAL

Sample #: 136 Gary Payton

| Foreign Matter by Microscopy |  | Pass    | •          | Date Completed: 02/07/2023 4:42 pm |        |  |  |
|------------------------------|--|---------|------------|------------------------------------|--------|--|--|
|                              | Compound   | LOQ (%) | Limits (%) | Result (%)                         | Status |  |  |
|                              | Mammalian Exreta   | 0.001   | 0.03       | ND                                 | Pass   |  |  |
|                              | Stems  | 0.001   | 5.0        | ND                                 | Pass   |  |  |
| Co                           | Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed. |         |            |                                    |        |  |  |

| Moisture by Analyzer |  | Pass    |            | Date Completed: 02/07/2023 4:42 pm |        |
|----------------------|--|---------|------------|------------------------------------|--------|
|                      | Compound   | LOQ (%) | Limits (%) | Result (%)                         | Status |
|                      | Moisture   | 1.2     | 5 - 15     | 10.4                               | Pass   |
| Co                   | Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed. |         |            |                                    |        |

| Water Activity by Meter |  | Pass     |             | <b>Date Completed:</b> 02/07/2023 4:42 pm |        |
|-------------------------|--|----------|-------------|---|--------|
|                         | Compound   | LOQ (Aw) | Limits (Aw) | Result (Aw)                               | Status |
|                         | Water Activity   | 0.05     | 0.65        | 0.40                                      | Pass   |
| Со                      | Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed. |          |             |   |        |

| Pesticides by LCMSMS | Pass       | ;             | <b>Date Completed:</b> 02/08/2023 5:01 pr |        |
|----------------------|------------|---------------|---|--------|
| Compound             | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)                             | Status |
| Abamectin            | 0.01       | 0.5           | ND  | Pass   |
| Acephate             | 0.01       | 0.4           | ND  | Pass   |
| Acequinocyl          | 0.01       | 2             | ND  | Pass   |
| Acetamiprid          | 0.01       | 0.2           | ND  | Pass   |
| Aldicarb             | 0.01       | 0.4           | ND  | Pass   |
| Azadirachtin         | 0.01       | 1             | ND  | Pass   |
| Azoxystrobin         | 0.01       | 0.2           | ND  | Pass   |
| Bifenazate           | 0.01       | 0.2           | ND  | Pass   |
| Bifenthrin           | 0.01       | 0.2           | ND  | Pass   |

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## **Certificate of Analysis**

FINAL

Sample #: 136 Gary Payton

| sticides by LCMSMS   | Pass       | Pass          |               | Date Completed: 02/08/2023 5:01 |  |
|----------------------|------------|---------------|---------------|---------------------------------|--|
| Compound             | LOQ (μg/g) | Limits (µg/g) | Result (μg/g) | Status                          |  |
| Boscalid             | 0.01       | 0.4           | ND            | Pass                            |  |
| Carbaryl             | 0.01       | 0.2           | ND            | Pass                            |  |
| Carbofuran           | 0.01       | 0.2           | ND            | Pass                            |  |
| Chlorantraniliprole  | 0.01       | 0.2           | ND            | Pass                            |  |
| Chlormequat Chloride | 0.01       | 1             | ND            | Pass                            |  |
| Chlorpyrifos         | 0.01       | 0.2           | ND            | Pass                            |  |
| Clofentezine         | 0.01       | 0.2           | ND            | Pass                            |  |
| Coumaphos            | 0.01       | 1             | ND            | Pass                            |  |
| Cyfluthrin           | 0.01       | 1             | ND            | Pass                            |  |
| Cypermethrin         | 0.01       | 1             | ND            | Pass                            |  |
| Daminozide           | 0.01       | 1             | ND            | Pass                            |  |
| Diazinon             | 0.01       | 0.2           | ND            | Pass                            |  |
| Dichlorvos           | 0.01       | 1             | ND            | Pass                            |  |
| Dimethoate           | 0.01       | 0.2           | ND            | Pass                            |  |
| Dimethomorph         | 0.01       | 1             | ND            | Pass                            |  |
| Ethoprophos          | 0.01       | 0.2           | ND            | Pass                            |  |
| Etofenprox           | 0.01       | 0.4           | ND            | Pass                            |  |
| Etoxazole            | 0.01       | 0.2           | ND            | Pass                            |  |
| Fenhexamid           | 0.01       | 1             | ND            | Pass                            |  |
| Fenoxycarb           | 0.01       | 0.2           | ND            | Pass                            |  |
| Fenpyroximate        | 0.01       | 0.4           | ND            | Pass                            |  |
| Fipronil             | 0.01       | 0.4           | ND            | Pass                            |  |
| Flonicamid           | 0.01       | 1             | ND            | Pass                            |  |
| Fludioxonil          | 0.01       | 0.4           | ND            | Pass                            |  |
| Hexythiazox          | 0.01       | 1             | ND            | Pass                            |  |

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### **Certificate of Analysis**

FINAL

Sample #: 136 Gary Payton

| sticides by LCMSMS | Pass       | ;             | Date Completed | <b>1:</b> 02/08/2023 5:01 |
|--------------------|------------|---------------|----------------|---------------------------|
| Compound           | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)  | Status                    |
| lmazalil           | 0.01       | 0.2           | ND             | Pass                      |
| Imidacloprid       | 0.01       | 0.4           | ND             | Pass                      |
| Indolebutyric Acid | 0.01       | 1             | ND             | Pass                      |
| Kresoxim-methyl    | 0.01       | 0.4           | ND             | Pass                      |
| Malathion          | 0.01       | 0.2           | ND             | Pass                      |
| Metalaxyl          | 0.01       | 0.2           | ND             | Pass                      |
| Methiocarb         | 0.01       | 0.2           | ND             | Pass                      |
| Mevinphos          | 0.01       | 1             | ND             | Pass                      |
| Myclobutanil       | 0.01       | 0.2           | ND             | Pass                      |
| Naled              | 0.01       | 0.5           | ND             | Pass                      |
| Oxamyl             | 0.01       | 1             | ND             | Pass                      |
| Paclobutrazol      | 0.01       | 0.4           | ND             | Pass                      |
| Permethrin         | 0.01       | 0.2           | ND             | Pass                      |
| Phosmet            | 0.01       | 0.2           | ND             | Pass                      |
| Piperonyl Butoxide | 0.01       | 2             | ND             | Pass                      |
| Prallethrin        | 0.01       | 0.2           | ND             | Pass                      |
| Propiconazole      | 0.01       | 0.4           | ND             | Pass                      |
| Propoxur           | 0.01       | 0.2           | ND             | Pass                      |
| Pyrethrins Total   | 0.01       | 1             | ND             | Pass                      |
| Pyridaben          | 0.01       | 0.2           | ND             | Pass                      |
| Spinetoram         | 0.01       | 1             | ND             | Pass                      |
| Spinosad Total     | 0.01       | .2            | ND             | Pass                      |
| Spiromesifen       | 0.01       | 0.2           | ND             | Pass                      |
| Spirotetramat      | 0.01       | 0.2           | ND             | Pass                      |
| Spiroxamine        | 0.01       | 0.2           | ND             | Pass                      |

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## **Certificate of Analysis**

FINAL

Sample #: 136 Gary Payton

| esticides by LCMSMS | Pass       | <b>3</b>      | <b>Date Completed:</b> 02/08/2023 5:01 pn |        |
|---------------------|------------|---------------|---|--------|
| Compound            | LOQ (µg/g) | Limits (µg/g) | Result (μg/g)                             | Status |
| Tebuconazole        | 0.01       | 0.4           | ND  | Pass   |
| Thiacloprid         | 0.01       | 0.2           | ND  | Pass   |
| Thiamethoxam        | 0.01       | 0.2           | ND  | Pass   |
| Trifloxystrobin     | 0.01       | 0.2           | ND  | Pass   |

| Mycotoxins by LCMSMS   | Pass       | }             | <b>Date Completed:</b> 02/08/2023 4:15 pm |        |  |  |
|--|------------|---------------|---|--------|--|--|
| Compound   | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)                             | Status |  |  |
| Aflatoxin B1   | 0.005      | 0.020         | ND  | Pass   |  |  |
| Aflatoxin B2   | 0.005      | 0.020         | ND  | Pass   |  |  |
| Aflatoxin G1   | 0.005      | 0.020         | ND  | Pass   |  |  |
| Aflatoxin G2   | 0.005      | 0.020         | ND  | Pass   |  |  |
| Ochratoxin A   | 0.005      | 0.020         | ND  | Pass   |  |  |
| Total Aflatoxin  | 0.005      | 0.020         | ND  | Pass   |  |  |
| Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed. |            |               |   |        |  |  |

| Heavy Metals by ICPMS | Pass       | Pass          |               | <b>Date Completed:</b> 02/08/2023 4:15 pm |  |  |
|-----------------------|------------|---------------|---------------|---|--|--|
| Compound              | LOQ (μg/g) | Limits (µg/g) | Result (μg/g) | Status                                    |  |  |
| Antimony              | 0.005      | 2             | ND            | Pass                                      |  |  |
| Arsenic               | 0.005      | 0.2           | ND            | Pass                                      |  |  |
| Cadmium               | 0.005      | 0.3           | ND            | Pass                                      |  |  |
| Chromium              | 0.005      | 110           | 0.3           | Pass                                      |  |  |
| Соррег                | 0.005      | 30            | 8.7           | Pass                                      |  |  |
| Lead                  | 0.005      | 0.5           | ND            | Pass                                      |  |  |
| Mercury               | 0.005      | 0.1           | ND            | Pass                                      |  |  |

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FINAL

Sample #: 136 Gary Payton

| Heavy Metals by ICPMS |   | Pass                        |               | <b>Date Completed:</b> 02/08/2023 4:15 pm |        |
|-----------------------|---|-----------------------------|---------------|---|--------|
|                       | Compound  | LOQ (µg/g)                  | Limits (µg/g) | Result (μg/g)                             | Status |
|                       | Nickel  | 0.005                       | 2             | 0.1                                       | Pass   |
| Co                    | mment: Heavy Metal contamination tested by ICPMS using P-NY140. U | nless otherwise stated, all | QC passed.    |   |        |

| icro by Petri & qPCR   | Pass        |                | <b>Date Completed:</b> 02/08/2023 5:34 pm |        |  |  |
|--|-------------|----------------|---|--------|--|--|
| Compound   | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g)                            | Status |  |  |
| Aspergillus flavus Qualitative   | 0           | 0              | Not Detected                              | Pass   |  |  |
| Aspergillus fumigatus Qualitative  | 0           | 0              | Not Detected                              | Pass   |  |  |
| Aspergillus niger Qualitative  | 0           | 0              | Not Detected                              | Pass   |  |  |
| Aspergillus terreus Qualitative  | 0           | 0              | Not Detected                              | Pass   |  |  |
| Salmonella Qualitative   | 0           | 0              | Not Detected                              | Pass   |  |  |
| Shiga Toxin-Producing E. coli Qualitative  | 0           | 0              | Not Detected                              | Pass   |  |  |
| Total Aerobic Bacteria   | 10          |                | 55000                                     | Pass   |  |  |
| Total Yeast & Mold   | 10          |                | 1000                                      | Pass   |  |  |
| Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. <b>Due to COA validation limitations</b> : "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". |             |                |   |        |  |  |

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