

EVIO Labs Portland  
 14775 SW 74th Ave, Tigard, OR 97224  
 503-954-2562 / OLCC 010-10046111391 / www.EVIOLabs.com

**Grumpy Grandpa**  
*Fields of Hemp*  
 AG-R1042363IHG (ODA)



Confident Cannabis ID: 2010ELP0080.3926

Sample ID: P201048-09

Matrix: Hemp

METRC Batch #:

Sampling Method/SOP: Client

Date Sampled: NA

Date Accepted: 10/19/20

Harvest/Process Lot ID:

Batch ID:

Batch Size (g):

Unit for Sale:

Harvest/Production Date:

## Cannabinoid Analysis

**FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES**

Date/Time Extracted: 10/21/20 13:19

Analysis Method/SOP: SOP.T.40.023

Date/Time Analyzed: 10/22/20 12:17

| Cannabinoids                          | LOQ(%) | mg/g          | % weight      | Cannabinoid Profile |
|---------------------------------------|--------|---------------|---------------|---------------------|
| <b>Total THC</b> ((THCA*0.877)+Δ9THC) |        | <b>6.10</b>   | <b>0.610</b>  |                     |
| <b>Total CBD</b> ((CBDA*0.877)+CBD)   |        | <b>149.80</b> | <b>14.980</b> |                     |
| THCA                                  | 0.100  | 6.95          | 0.695         |                     |
| delta 9-THC                           | 0.100  | < LOQ         | < LOQ         |                     |
| delta 8-THC                           | 0.100  | < LOQ         | < LOQ         |                     |
| THCV                                  | 0.100  | < LOQ         | < LOQ         |                     |
| CBGA                                  | 0.100  | 3.65          | 0.365         |                     |
| CBDA                                  | 0.100  | 165.00        | 16.5          |                     |
| CBD                                   | 0.100  | 5.09          | 0.509         |                     |
| CBDV                                  | 0.100  | < LOQ         | < LOQ         |                     |
| CBN                                   | 0.100  | < LOQ         | < LOQ         |                     |
| CBG                                   | 0.100  | < LOQ         | < LOQ         |                     |
| CBC                                   | 0.100  | < LOQ         | < LOQ         |                     |
| THCV-A                                | 0.100  | < LOQ         | < LOQ         |                     |
| CBDV-A                                | 0.100  | 1.95          | 0.195         |                     |
| CBCA                                  | 0.100  | 7.39          | 0.739         |                     |
| Sum of tested Cannabinoids            | 0.100  | 183.00        | 18.3          |                     |

## Moisture Content

Date/Time Analyzed: 10/20/20 15:32  
 Analysis Method/SOP: SOP.T.40.010

**Moisture: 9.81 %**

## Water Activity

Date/Time Analyzed: 10/22/20 13:34  
 Analysis Method/SOP: SOP.T.40.011

**Water Activity: 0.425 aw**

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%. Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.

Kawai Medeiros  
 Laboratory Manager - 10/30/2020

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## Grumpy Grandpa

*Fields of Hemp*

**AG-R1042363IHG (ODA)**

Sample ID: P201048-09    METRC Batch #:

Matrix: Hemp

Date Sampled: NA

Date Accepted: 10/19/20

Batch ID:

Batch Size:

Sampling Method/SOP: Client

### Terpene Analysis

Date/Time Extracted: 10/23/20 13:03

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 10/26/20 09:52

| Analyte             | LOQ (mg/g) | Mass (mg/g) | Mass (%) | Analyte              | LOQ (mg/g) | Mass (mg/g) | Mass (%) |
|---------------------|------------|-------------|----------|----------------------|------------|-------------|----------|
| alpha-Pinene        | 0.200      | 1.73        | 0.173    | beta-Pinene          | 0.200      | 0.602       | 0.0602   |
| Camphene            | 0.200      | < LOQ       | < LOQ    | Sabinene             | 0.200      | < LOQ       | < LOQ    |
| Sabinene hydrate    | 0.200      | < LOQ       | < LOQ    | beta-Myrcene         | 0.200      | 2.88        | 0.288    |
| p-Mentha-1,5-diene  | 0.200      | < LOQ       | < LOQ    | (+)-3-Carene         | 0.200      | < LOQ       | < LOQ    |
| alpha-Terpinene     | 0.200      | < LOQ       | < LOQ    | gamma-Terpinene      | 0.200      | < LOQ       | < LOQ    |
| Limonene            | 0.200      | 0.600       | 0.06     | Eucalyptol           | 0.200      | < LOQ       | < LOQ    |
| Guaiol              | 0.200      | < LOQ       | < LOQ    | Terpinolene          | 0.200      | < LOQ       | < LOQ    |
| Linalool            | 0.200      | < LOQ       | < LOQ    | Camphor              | 0.200      | < LOQ       | < LOQ    |
| (+)-Camphor         | 0.200      | < LOQ       | < LOQ    | (-)-Camphor          | 0.200      | < LOQ       | < LOQ    |
| Isopulegol          | 0.200      | < LOQ       | < LOQ    | Isoborneol           | 0.200      | < LOQ       | < LOQ    |
| Borneol             | 0.200      | < LOQ       | < LOQ    | Hexahydrothymol      | 0.200      | < LOQ       | < LOQ    |
| Geraniol            | 0.200      | < LOQ       | < LOQ    | (+)-Pulegone         | 0.200      | < LOQ       | < LOQ    |
| Nerol               | 0.200      | < LOQ       | < LOQ    | cis-Nerolidol        | 0.200      | < LOQ       | < LOQ    |
| trans-Nerolidol     | 0.200      | 0.340       | 0.034    | Geranyl acetate      | 0.200      | < LOQ       | < LOQ    |
| alpha-Cedrene       | 0.200      | < LOQ       | < LOQ    | trans-Caryophyllene  | 0.200      | 1.69        | 0.169    |
| Caryophyllene Oxide | 0.200      | 0.208       | 0.0208   | alpha-Humulene       | 0.200      | 0.635       | 0.0635   |
| Valencene           | 0.200      | < LOQ       | < LOQ    | alpha-Farnesene      | 0.200      | < LOQ       | < LOQ    |
| beta-Farnesene      | 0.200      | < LOQ       | < LOQ    | Cedrol               | 0.200      | < LOQ       | < LOQ    |
| alpha-Bisabolol     | 0.200      | 0.483       | 0.0483   | Fenchone             | 0.200      | < LOQ       | < LOQ    |
| Fenchyl Alcohol     | 0.200      | < LOQ       | < LOQ    | trans, beta- Ocimene | 0.200      | < LOQ       | < LOQ    |
| beta, cis- Ocimene  | 0.200      | 0.695       | 0.0695   | Terpineol            | 0.200      | 0.232       | 0.0232   |
| Total (Sum):        |            |             |          |                      |            | 10.10       | 1.01     |

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited. Results reported as dry weight. LOQ = Limit of Quantitation.



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## Grumpy Grandpa

**Fields of Hemp**

**AG-R1042363IHG (ODA)**

**Sample ID: P201048-09**

**METRC Batch #:**

**Matrix: Hemp**

**Date Sampled: NA**

**Date Accepted: 10/19/20**

**Batch ID:**

**Batch Size:**

**Sampling Method/SOP: Client**

### Pesticides

*Date/Time Extracted: 10/29/20 15:04*

*Date/Time Analyzed: 10/30/2020 10:07:04AM*

*Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051*

| Analyte             | LOQ   | Action Level | Result | Units | Type                            |
|---------------------|-------|--------------|--------|-------|---------------------------------|
| Abamectin           | 0.250 | 0.5          | < LOQ  | ppm   |                                 |
| Acephate            | 0.200 | 0.4          | < LOQ  | ppm   | Organophosphate insecticide     |
| Acequinocyl         | 1.00  | 2            | < LOQ  | ppm   |                                 |
| Acetamiprid         | 0.100 | 0.2          | < LOQ  | ppm   | Neonicotinoid insecticide       |
| Aldicarb            | 0.200 | 0.4          | < LOQ  | ppm   | Carbamate insecticide           |
| Azoxystrobin        | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Bifenazate          | 0.100 | 0.2          | < LOQ  | ppm   | Unclassified insecticide        |
| Bifenthrin          | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Boscalid            | 0.200 | 0.4          | < LOQ  | ppm   | Anilide fungicide               |
| Carbaryl            | 0.100 | 0.2          | < LOQ  | ppm   | Carbamate insecticide           |
| Carbofuran          | 0.100 | 0.2          | < LOQ  | ppm   | Carbamate insecticide           |
| Chlorantraniliprole | 0.100 | 0.2          | < LOQ  | ppm   | Anthranilic diamide insecticide |
| Chlorfenapyr        | 0.500 | 1            | < LOQ  | ppm   | Pyrazole insecticide            |
| Chlorpyrifos        | 0.100 | 0.2          | < LOQ  | ppm   | Organophosphate insecticide     |
| Clofentezine        | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Cyfluthrin          | 0.500 | 1            | < LOQ  | ppm   |                                 |
| Cypermethrin        | 0.500 | 1            | < LOQ  | ppm   |                                 |
| Daminozide          | 0.500 | 1            | < LOQ  | ppm   |                                 |
| DDVP (Dichlorvos)   | 0.500 | 1            | < LOQ  | ppm   |                                 |
| Diazinon            | 0.100 | 0.2          | < LOQ  | ppm   | Organophosphate insecticide     |
| Dimethoate          | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Ethoprophos         | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Etofenprox          | 0.200 | 0.4          | < LOQ  | ppm   |                                 |
| Etoxazole           | 0.100 | 0.2          | < LOQ  | ppm   | Unclassified miticide           |
| Fenoxycarb          | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Fenproximate        | 0.200 | 0.4          | < LOQ  | ppm   |                                 |
| Fipronil            | 0.200 | 0.4          | < LOQ  | ppm   | Pyrazole insecticide            |
| Fonicamid           | 0.500 | 1            | < LOQ  | ppm   | Pyridinecarboxamide insecticide |
| Fludioxonil         | 0.200 | 0.4          | < LOQ  | ppm   | non-systemic fungicide          |
| Hexythiazox         | 0.500 | 1            | < LOQ  | ppm   |                                 |
| Imazalil            | 0.100 | 0.2          | < LOQ  | ppm   | Azole fungicide                 |
| Imidacloprid        | 0.200 | 0.4          | < LOQ  | ppm   | Neonicotinoid insecticide       |
| Kresoxim-methyl     | 0.200 | 0.4          | < LOQ  | ppm   |                                 |
| Malathion           | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Metalaxyl           | 0.100 | 0.2          | < LOQ  | ppm   |                                 |
| Methiocarb          | 0.100 | 0.2          | < LOQ  | ppm   | Carbamate insecticide           |



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**Date Sampled: NA**

**Date Accepted: 10/19/20**

**Batch ID:**

**Batch Size:**

**Sampling Method/SOP: Client**

### Pesticides

*Date/Time Extracted: 10/29/20 15:04*

*Date/Time Analyzed: 10/30/2020 10:07:04AM*

*Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051*

| Analyte            | LOQ   | Action Level | Result | Units | Type                         |
|--------------------|-------|--------------|--------|-------|------------------------------|
| Methomyl           | 0.200 | 0.4          | < LOQ  | ppm   | Carbamate insecticide        |
| Methyl parathion   | 0.100 | 0.2          | < LOQ  | ppm   |                              |
| MGK-264            | 0.100 | 0.2          | < LOQ  | ppm   |                              |
| Myclobutanil       | 0.100 | 0.2          | < LOQ  | ppm   | Azole fungicide              |
| Naled              | 0.250 | 0.5          | < LOQ  | ppm   |                              |
| Oxamyl             | 0.500 | 1            | < LOQ  | ppm   | Carbamate insecticide        |
| Paclobutrazol      | 0.200 | 0.4          | < LOQ  | ppm   | Azole plant growth regulator |
| Permethrins        | 0.100 | 0.2          | < LOQ  | ppm   |                              |
| Phosmet            | 0.100 | 0.2          | < LOQ  | ppm   | Organophosphate insecticide  |
| Piperonyl butoxide | 1.00  | 2            | < LOQ  | ppm   |                              |
| Prallethrin        | 0.100 | 0.2          | < LOQ  | ppm   |                              |
| Propiconazole      | 0.200 | 0.4          | < LOQ  | ppm   |                              |
| Propoxur           | 0.100 | 0.2          | < LOQ  | ppm   | Carbamate insecticide        |
| Pyrethrins         | 0.500 | 1            | < LOQ  | ppm   |                              |
| Pyridaben          | 0.100 | 0.2          | < LOQ  | ppm   | Unclassified insecticide     |
| Spinosad           | 0.100 | 0.2          | < LOQ  | ppm   | Spinosyn insecticide         |
| Spiromesifen       | 0.100 | 0.2          | < LOQ  | ppm   | Keto-enol insecticide        |
| Spirotetramat      | 0.100 | 0.2          | < LOQ  | ppm   | Keto-enol insecticide        |
| Spiroxamine        | 0.200 | 0.4          | < LOQ  | ppm   | Unclassified fungicide       |
| Tebuconazole       | 0.200 | 0.4          | < LOQ  | ppm   |                              |
| Thiacloprid        | 0.100 | 0.2          | < LOQ  | ppm   |                              |
| Thiamethoxam       | 0.100 | 0.2          | < LOQ  | ppm   | Neonicotinoid insectide      |
| Trifloxystrobin    | 0.100 | 0.2          | < LOQ  | ppm   | Strobin fungicide            |

**Results above the action level fail Oregon state testing requirements and will be highlighted RED.**

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007. Pesticide testing performed in conjunction with EVIO Labs Medford, an ORELAP accredited laboratory.



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## Quality Control

**Batch: M20J173 - SOP.T.30.060 Pesticide Prep**

| Blank(M20J173-BLK1) |        |             | Extracted: 10/29/20 15:04 |                    | Analyzed: 10/29/20 16:45 |             |                 |
|---------------------|--------|-------------|---------------------------|--------------------|--------------------------|-------------|-----------------|
| Analyte             | Result | LOQ         | Recovery Limits           | Analyte            | Result                   | LOQ         | Recovery Limits |
| Methyl parathion    | < LOQ  | 0.100 (ppm) | < LOQ                     | MGK-264            | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Chlorfenapyr        | < LOQ  | 0.500 (ppm) | < LOQ                     | Cyfluthrin         | < LOQ                    | 0.500 (ppm) | < LOQ           |
| Cypermethrin        | < LOQ  | 0.500 (ppm) | < LOQ                     | Abamectin          | < LOQ                    | 0.250 (ppm) | < LOQ           |
| Acephate            | < LOQ  | 0.200 (ppm) | < LOQ                     | Acequinocyl        | < LOQ                    | 1.00 (ppm)  | < LOQ           |
| Acetamiprid         | < LOQ  | 0.100 (ppm) | < LOQ                     | Aldicarb           | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Azoxystrobin        | < LOQ  | 0.100 (ppm) | < LOQ                     | Bifenazate         | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Bifenthrin          | < LOQ  | 0.100 (ppm) | < LOQ                     | Boscalid           | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Carbaryl            | < LOQ  | 0.100 (ppm) | < LOQ                     | Carbofuran         | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Chlorantraniliprole | < LOQ  | 0.100 (ppm) | < LOQ                     | Chlorpyrifos       | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Clofentezine        | < LOQ  | 0.100 (ppm) | < LOQ                     | Daminozide         | < LOQ                    | 0.500 (ppm) | < LOQ           |
| DDVP (Dichlorvos)   | < LOQ  | 0.500 (ppm) | < LOQ                     | Diazinon           | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Dimethoate          | < LOQ  | 0.100 (ppm) | < LOQ                     | Ethoprophos        | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Etofenprox          | < LOQ  | 0.200 (ppm) | < LOQ                     | Etoxazole          | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Fenoxycarb          | < LOQ  | 0.100 (ppm) | < LOQ                     | Fenpyroximate      | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Fipronil            | < LOQ  | 0.200 (ppm) | < LOQ                     | Flonicamid         | < LOQ                    | 0.500 (ppm) | < LOQ           |
| Fludioxonil         | < LOQ  | 0.200 (ppm) | < LOQ                     | Hexythiazox        | < LOQ                    | 0.500 (ppm) | < LOQ           |
| Imazalil            | < LOQ  | 0.100 (ppm) | < LOQ                     | Imidacloprid       | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Kresoxim-methyl     | < LOQ  | 0.200 (ppm) | < LOQ                     | Malathion          | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Metalaxyl           | < LOQ  | 0.100 (ppm) | < LOQ                     | Methiocarb         | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Methomyl            | < LOQ  | 0.200 (ppm) | < LOQ                     | Myclobutanil       | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Naled               | < LOQ  | 0.250 (ppm) | < LOQ                     | Oxamyl             | < LOQ                    | 0.500 (ppm) | < LOQ           |
| Paclobutrazol       | < LOQ  | 0.200 (ppm) | < LOQ                     | Permethrins        | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Phosmet             | < LOQ  | 0.100 (ppm) | < LOQ                     | Piperonyl butoxide | < LOQ                    | 1.00 (ppm)  | < LOQ           |
| Prallethrin         | < LOQ  | 0.100 (ppm) | < LOQ                     | Propiconazole      | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Propoxur            | < LOQ  | 0.100 (ppm) | < LOQ                     | Pyridaben          | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Pyrethrins          | < LOQ  | 0.500 (ppm) | < LOQ                     | Spinosad           | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Spiromesifen        | < LOQ  | 0.100 (ppm) | < LOQ                     | Spirotetramat      | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Spiroxamine         | < LOQ  | 0.200 (ppm) | < LOQ                     | Tebuconazole       | < LOQ                    | 0.200 (ppm) | < LOQ           |
| Thiacloprid         | < LOQ  | 0.100 (ppm) | < LOQ                     | Thiamethoxam       | < LOQ                    | 0.100 (ppm) | < LOQ           |
| Trifloxystrobin     | < LOQ  | 0.100 (ppm) | < LOQ                     |                    |                          |             |                 |

| LCS(M20J173-BS1) |            |             | Extracted: 10/29/20 15:04 |             | Analyzed: 10/29/20 17:13 |             |                 |
|------------------|------------|-------------|---------------------------|-------------|--------------------------|-------------|-----------------|
| Analyte          | % Recovery | LOQ         | Recovery Limits           | Analyte     | % Recovery               | LOQ         | Recovery Limits |
| Methyl parathion | 108        | 0.100 (ppm) | 50-150                    | MGK-264     | 108                      | 0.100 (ppm) | 50-150          |
| Chlorfenapyr     | 109        | 0.500 (ppm) | 50-150                    | Cyfluthrin  | 153                      | 0.500 (ppm) | 50-150          |
| Cypermethrin     | 147        | 0.500 (ppm) | 50-150                    | Abamectin   | 86.0                     | 0.250 (ppm) | 50-150          |
| Acephate         | 89.1       | 0.200 (ppm) | 50-150                    | Acequinocyl | 137                      | 1.00 (ppm)  | 50-150          |


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## Quality Control

**Batch: M20J173 - SOP.T.30.060 Pesticide Prep (Continued)**

| LCS(M20J173-BS1)    |            |             | Extracted: 10/29/20 15:04 |                    | Analyzed: 10/29/20 23:47 |             |                 |
|---------------------|------------|-------------|---------------------------|--------------------|--------------------------|-------------|-----------------|
| Analyte             | % Recovery | LOQ         | Recovery Limits           | Analyte            | % Recovery               | LOQ         | Recovery Limits |
| Acetamiprid         | 90.6       | 0.100 (ppm) | 50-150                    | Aldicarb           | 103                      | 0.200 (ppm) | 50-150          |
| Azoxystrobin        | 102        | 0.100 (ppm) | 50-150                    | Bifenazate         | 99.1                     | 0.100 (ppm) | 50-150          |
| Bifenthrin          | 110        | 0.100 (ppm) | 50-150                    | Boscalid           | 101                      | 0.200 (ppm) | 50-150          |
| Carbaryl            | 128        | 0.100 (ppm) | 50-150                    | Carbofuran         | 101                      | 0.100 (ppm) | 50-150          |
| Chlorantraniliprole | 98.7       | 0.100 (ppm) | 50-150                    | Chlorpyrifos       | 131                      | 0.100 (ppm) | 50-150          |
| Clofentezine        | 136        | 0.100 (ppm) | 50-150                    | Daminozide         | 89.3                     | 0.500 (ppm) | 50-150          |
| DDVP (Dichlorvos)   | 136        | 0.500 (ppm) | 50-150                    | Diazinon           | 106                      | 0.100 (ppm) | 50-150          |
| Dimethoate          | 97.9       | 0.100 (ppm) | 50-150                    | Ethoprophos        | 106                      | 0.100 (ppm) | 50-150          |
| Etofenprox          | 119        | 0.200 (ppm) | 50-150                    | Etoxazole          | 107                      | 0.100 (ppm) | 50-150          |
| Fenoxycarb          | 107        | 0.100 (ppm) | 50-150                    | Fenpyroximate      | 97.0                     | 0.200 (ppm) | 50-150          |
| Fipronil            | 88.6       | 0.200 (ppm) | 50-150                    | Flonicamid         | 114                      | 0.500 (ppm) | 50-150          |
| Fludioxonil         | 91.2       | 0.200 (ppm) | 50-150                    | Hexythiazox        | 99.9                     | 0.500 (ppm) | 50-150          |
| Imazalil            | 106        | 0.100 (ppm) | 50-150                    | Imidacloprid       | 96.6                     | 0.200 (ppm) | 50-150          |
| Kresoxim-methyl     | 93.6       | 0.200 (ppm) | 50-150                    | Malathion          | 119                      | 0.100 (ppm) | 50-150          |
| Metalaxyl           | 97.3       | 0.100 (ppm) | 50-150                    | Methiocarb         | 102                      | 0.100 (ppm) | 50-150          |
| Methomyl            | 94.2       | 0.200 (ppm) | 50-150                    | Myclobutanil       | 104                      | 0.100 (ppm) | 50-150          |
| Naled               | 153        | 0.250 (ppm) | 50-150                    | Oxamyl             | 107                      | 0.500 (ppm) | 50-150          |
| Paclobutrazol       | 92.0       | 0.200 (ppm) | 50-150                    | Permethrins        | 121                      | 0.100 (ppm) | 50-150          |
| Phosmet             | 115        | 0.100 (ppm) | 50-150                    | Piperonyl butoxide | 101                      | 1.00 (ppm)  | 50-150          |
| Prallethrin         | 105        | 0.100 (ppm) | 50-150                    | Propiconazole      | 96.4                     | 0.200 (ppm) | 50-150          |
| Propoxur            | 88.1       | 0.100 (ppm) | 50-150                    | Pyridaben          | 91.8                     | 0.100 (ppm) | 50-150          |
| Pyrethrins          | 64.4       | 0.500 (ppm) | 50-150                    | Spinosad           | 100                      | 0.100 (ppm) | 50-150          |
| Spiromesifen        | 89.9       | 0.100 (ppm) | 50-150                    | Spirotetramat      | 95.4                     | 0.100 (ppm) | 50-150          |
| Spiroxamine         | 110        | 0.200 (ppm) | 50-150                    | Tebuconazole       | 92.3                     | 0.200 (ppm) | 50-150          |
| Thiacloprid         | 95.5       | 0.100 (ppm) | 50-150                    | Thiamethoxam       | 90.2                     | 0.100 (ppm) | 50-150          |
| Trifloxystrobin     | 96.8       | 0.100 (ppm) | 50-150                    |                    |                          |             |                 |

**Batch: P20J105 - SOP.T.30.050PDX Prep for Cannabinoids**

| Blank(P20J105-BLK1) |        |           | Extracted: 10/21/20 13:19 |             | Analyzed: 10/22/20 12:17 |           |                 |
|---------------------|--------|-----------|---------------------------|-------------|--------------------------|-----------|-----------------|
| Analyte             | Result | LOQ       | Recovery Limits           | Analyte     | Result                   | LOQ       | Recovery Limits |
| THCA                | < LOQ  | 0.100 (%) | < LOQ                     | delta 9-THC | < LOQ                    | 0.100 (%) | < LOQ           |
| delta 8-THC         | < LOQ  | 0.100 (%) | < LOQ                     | THCV-A      | < LOQ                    | 0.100 (%) | < LOQ           |
| THCV                | < LOQ  | 0.100 (%) | < LOQ                     | CBDA        | < LOQ                    | 0.100 (%) | < LOQ           |
| CBD                 | < LOQ  | 0.100 (%) | < LOQ                     | CBDV-A      | < LOQ                    | 0.100 (%) | < LOQ           |
| CBDV                | < LOQ  | 0.100 (%) | < LOQ                     | CBG         | < LOQ                    | 0.100 (%) | < LOQ           |
| CBGA                | < LOQ  | 0.100 (%) | < LOQ                     | CBN         | < LOQ                    | 0.100 (%) | < LOQ           |
| CBCA                | < LOQ  | 0.100 (%) | < LOQ                     | CBC         | < LOQ                    | 0.100 (%) | < LOQ           |


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## Quality Control

### Batch: P20J105 - SOP.T.30.050PDX Prep for Cannabinoids (Continued)

| Blank(P20J105-BLK1)        |        |           | Extracted: 10/21/20 13:19 | Analyzed: 10/22/20 12:17 |        |     | Recovery Limits |
|----------------------------|--------|-----------|---------------------------|--------------------------|--------|-----|-----------------|
| Analyte                    | Result | LOQ       | Recovery Limits           | Analyte                  | Result | LOQ | Recovery Limits |
| Sum of tested Cannabinoid: | < LOQ  | 0.100 (%) | < LOQ                     |                          |        |     |                 |

### Batch: P20J106 - SOP.T.40.010 Moisture Content

| Blank(P20J106-BLK1) |        |     | Extracted: 10/20/20 15:32 | Analyzed: 10/20/20 15:32 |        |     | Recovery Limits |
|---------------------|--------|-----|---------------------------|--------------------------|--------|-----|-----------------|
| Analyte             | Result | LOQ | Recovery Limits           | Analyte                  | Result | LOQ | Recovery Limits |
| Percent Moisture    | 100    | (%) | < LOQ                     |                          |        |     |                 |

### Batch: P20J111 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS

| Blank(P20J111-BLK1) |        |              | Extracted: 10/23/20 13:03 | Analyzed: 10/26/20 09:52 |        |              | Recovery Limits |
|---------------------|--------|--------------|---------------------------|--------------------------|--------|--------------|-----------------|
| Analyte             | Result | LOQ          | Recovery Limits           | Analyte                  | Result | LOQ          | Recovery Limits |
| alpha-Pinene        | < LOQ  | 0.200 (mg/g) | < LOQ                     | beta-Pinene              | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Camphene            | < LOQ  | 0.200 (mg/g) | < LOQ                     | Sabinene                 | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Sabinene hydrate    | < LOQ  | 0.200 (mg/g) | < LOQ                     | beta-Myrcene             | < LOQ  | 0.200 (mg/g) | < LOQ           |
| p-Mentha-1,5-diene  | < LOQ  | 0.200 (mg/g) | < LOQ                     | (+)-3-Carene             | < LOQ  | 0.200 (mg/g) | < LOQ           |
| alpha-Terpinene     | < LOQ  | 0.200 (mg/g) | < LOQ                     | gamma-Terpinene          | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Limonene            | < LOQ  | 0.200 (mg/g) | < LOQ                     | Eucalyptol               | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Guaiol              | < LOQ  | 0.200 (mg/g) | < LOQ                     | Terpinolene              | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Linalool            | < LOQ  | 0.200 (mg/g) | < LOQ                     | Camphor                  | < LOQ  | 0.200 (mg/g) | < LOQ           |
| (+)-Camphor         | < LOQ  | 0.200 (mg/g) | < LOQ                     | (-)-Camphor              | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Isopulegol          | < LOQ  | 0.200 (mg/g) | < LOQ                     | Isoborneol               | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Borneol             | < LOQ  | 0.200 (mg/g) | < LOQ                     | Hexahydrothymol          | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Geraniol            | < LOQ  | 0.200 (mg/g) | < LOQ                     | (+)-Pulegone             | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Nerol               | < LOQ  | 0.200 (mg/g) | < LOQ                     | cis-Nerolidol            | < LOQ  | 0.200 (mg/g) | < LOQ           |
| trans-Nerolidol     | < LOQ  | 0.200 (mg/g) | < LOQ                     | Geranyl acetate          | < LOQ  | 0.200 (mg/g) | < LOQ           |
| alpha-Cedrene       | < LOQ  | 0.200 (mg/g) | < LOQ                     | trans-Caryophyllene      | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Caryophyllene Oxide | < LOQ  | 0.200 (mg/g) | < LOQ                     | alpha-Humulene           | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Valencene           | < LOQ  | 0.200 (mg/g) | < LOQ                     | alpha-Farnesene          | < LOQ  | 0.200 (mg/g) | < LOQ           |
| beta-Farnesene      | < LOQ  | 0.200 (mg/g) | < LOQ                     | Cedrol                   | < LOQ  | 0.200 (mg/g) | < LOQ           |
| alpha-Bisabolol     | < LOQ  | 0.200 (mg/g) | < LOQ                     | Fenchone                 | < LOQ  | 0.200 (mg/g) | < LOQ           |
| Fenchyl Alcohol     | < LOQ  | 0.200 (mg/g) | < LOQ                     | trans, beta- Ocimene     | < LOQ  | 0.200 (mg/g) | < LOQ           |
| beta, cis- Ocimene  | < LOQ  | 0.200 (mg/g) | < LOQ                     | Terpineol                | < LOQ  | 0.200 (mg/g) | < LOQ           |



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