

Sample Name: **Jager (PHK) FECO Primary**  
Tested for: **OM Extracts**  
**Compliance Concentrate**

Laboratory ID: 18F0077-01

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000003626

Lot # NA

Date Sampled: 06/28/18 00:00

Batch RFID: 1A4010300014ADD000003625

Date Accepted: 06/28/18

Batch Size: 2724 (g)

Results Valid Until: 06/28/19



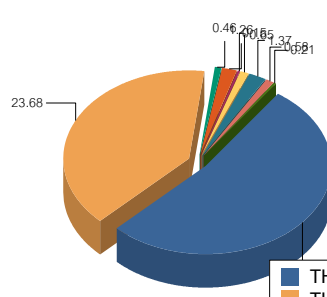
## Potency Analysis

Date Extracted: 07/03/18

Analysis Method/SOP: Potency

Date Analyzed: 07/03/18

\* - ORELAP certified analyte

| Cannabinoids                           | % weight     | mg/g         | Cannabinoids Profile  |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
|--|--------------|--------------|---|-----|-------|------|-------|-----|------|------|------|-----|------|-----|------|------|------|-----|------|------|------|--------------|--------------|
| <b>Total THC</b> ((THCA*0.877)+d9)     | 52.31        | 523.1        |  <table border="1"> <tr><td>THC</td><td>31.55</td></tr> <tr><td>THCA</td><td>23.68</td></tr> <tr><td>CBD</td><td>0.46</td></tr> <tr><td>CBDA</td><td>1.26</td></tr> <tr><td>CBN</td><td>0.15</td></tr> <tr><td>CBG</td><td>0.65</td></tr> <tr><td>CBGA</td><td>1.37</td></tr> <tr><td>CBC</td><td>0.58</td></tr> <tr><td>THCV</td><td>0.21</td></tr> <tr><td><b>Total</b></td><td><b>59.91</b></td></tr> </table> | THC | 31.55 | THCA | 23.68 | CBD | 0.46 | CBDA | 1.26 | CBN | 0.15 | CBG | 0.65 | CBGA | 1.37 | CBC | 0.58 | THCV | 0.21 | <b>Total</b> | <b>59.91</b> |
| THC                                    | 31.55        |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| THCA                                   | 23.68        |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBD                                    | 0.46         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBDA                                   | 1.26         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBN                                    | 0.15         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBG                                    | 0.65         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBGA                                   | 1.37         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBC                                    | 0.58         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| THCV                                   | 0.21         |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| <b>Total</b>                           | <b>59.91</b> |              |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| <b>Total CBD</b> ((CBDA*0.877)+CBD)    | 1.57         | 15.7         |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| d9-THC (d9-Tetrahydrocannabinol)*      | 31.55        | 315.5        |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| d8-THC (d8-Tetrahydrocannabinol)*      | < LOQ        | < LOQ        |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| THCA (d9-Tetrahydrocannabinolic Acid)* | 23.68        | 236.8        |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBD (Cannabidiol)*                     | 0.46         | 4.6          |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBDA (Cannabidiolic Acid)*             | 1.26         | 12.6         |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBN (Cannabinol)*                      | 0.15         | 1.5          |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBG (Cannabigerol)*                    | 0.65         | 6.5          |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBGA (Cannabigerolic Acid)             | 1.37         | 13.7         |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBDV (Cannabidivarin)*                 | < LOQ        | < LOQ        |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBDVA (Cannabidivarinic Acid)          | < LOQ        | < LOQ        |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| CBC (Cannabichromene)*                 | 0.58         | 5.8          |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| THCV (Tetrahydrocannabivarin)          | 0.21         | 2.1          |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |
| <b>Total Cannabinoids</b>              | <b>59.91</b> | <b>599.1</b> |   |     |       |      |       |     |      |      |      |     |      |     |      |      |      |     |      |      |      |              |              |

<LOQ - Results below the Limit of Quantitation - Compound not detected



Brian Weigel  
Lab Director

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Sample Name: **Jager (PHK) FECO Duplicate**  
 Tested for: **OM Extracts**  
**Compliance Concentrate**

Laboratory ID: 18F0077-02

Matrix: Extracts and Concentrates

Sample Metrc ID: 1A4010300014ADD000003626

Lot # NA

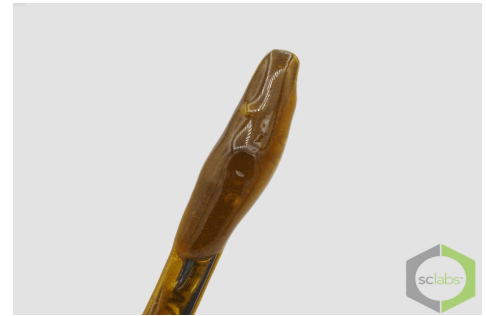
Date Sampled: 06/28/18 00:00

Batch RFID: 1A4010300014ADD000003625

Date Accepted: 06/28/18

Batch Size: 2724 (g)

Results Valid Until: 06/28/19



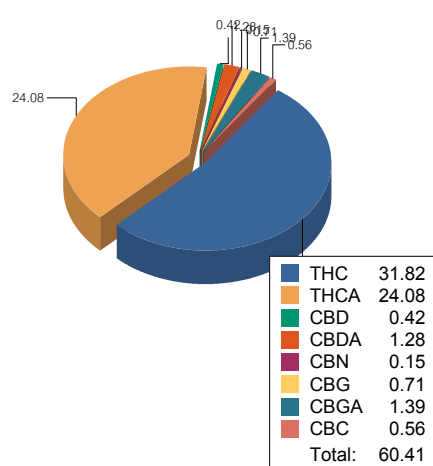
## Potency Analysis

Date Extracted: 07/03/18

Analysis Method/SOP: Potency

Date Analyzed: 07/03/18

\* - ORELAP certified analyte

| Cannabinoids                           | % weight | mg/g  | Cannabinoids Profile   |
|--|----------|-------|--|
| <b>Total THC</b> ((THCA*0.877)+d9)     | 52.94    | 529.4 |  |
| <b>Total CBD</b> ((CBDA*0.877)+CBD)    | 1.54     | 15.4  |  |
| d9-THC (d9-Tetrahydrocannabinol)*      | 31.82    | 318.2 |  |
| d8-THC (d8-Tetrahydrocannabinol)*      | < LOQ    | < LOQ |  |
| THCA (d9-Tetrahydrocannabinolic Acid)* | 24.08    | 240.8 |  |
| CBD (Cannabidiol)*                     | 0.42     | 4.2   |  |
| CBDA (Cannabidiolic Acid)*             | 1.28     | 12.8  |  |
| CBN (Cannabinol)*                      | 0.15     | 1.5   |  |
| CBG (Cannabigerol)*                    | 0.71     | 7.1   |  |
| CBGA (Cannabigerolic Acid)             | 1.39     | 13.9  |  |
| CBDV (Cannabidivarin)*                 | < LOQ    | < LOQ |  |
| CBDVA (Cannabidivarinic Acid)          | < LOQ    | < LOQ |  |
| CBC (Cannabichromene)*                 | 0.56     | 5.6   |  |
| THCV (Tetrahydrocannabivarin)          | < LOQ    | < LOQ |  |
| <b>Total Cannabinoids</b>              | 60.26    | 602.6 |  |

<LOQ - Results below the Limit of Quantitation - Compound not detected

Sample Name: **Jager (PHK) FECO**

Sample Metrc ID: 1A4010300014ADD000003626

|                                    | Primary Result | Duplicate Result | Average | % RPD | Pass/Fail (<20%RPD) |
|------------------------------------|----------------|------------------|---------|-------|---------------------|
|                                    | %              | %                | %       |       |                     |
| <b>Total THC</b> ((THCA*0.877)+d9) | 52.31          | 52.94            | 52.63   | 1.2   | PASS                |



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Lab Director

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|  |  |
|--|--|
| <b>Sample Name:</b> Jager (PHK) FECO Primary             | <b>Date Sampled:</b> 06/28/18 00:00              |
| <b>Tested for:</b> OM Extracts<br>Compliance Concentrate | <b>Date Accepted:</b> 06/28/18                   |
| <b>Laboratory ID:</b> 18F0077-01                         | <b>Results Valid Until:</b> 06/28/19             |
| <b>Matrix:</b> Extracts and Concentrates                 | <b>Sample Metrc ID:</b> 1A4010300014ADD000003626 |
| <b>Lot # NA</b>  | <b>Batch RFID:</b> 1A4010300014ADD000003625      |
|  | <b>Batch Size:</b> 2724 (g)                      |

### Terpene Analysis

Date Extracted: 07/02/18

Analysis Method/SOP: Terpenes

Date Analyzed: 07/03/18

| Analyte             | Result (%) | LOQ   | Analyte               | Result         | LOQ   |
|---------------------|------------|-------|-----------------------|----------------|-------|
| alpha Pinene        | 0.279      | 0.099 | Myrcene               | 0.378          | 0.099 |
| alpha Phellandrene  | < LOQ      | 0.099 | 3-Carene              | < LOQ          | 0.099 |
| alpha Terpinene     | < LOQ      | 0.099 | Limonene              | 1.480          | 0.099 |
| Terpinolene         | 0.264      | 0.099 | Linalool              | 0.474          | 0.099 |
| Fenchol             | 0.326      | 0.099 | Borneol               | < LOQ          | 0.099 |
| Terpineol           | 0.339      | 0.099 | Geraniol              | < LOQ          | 0.099 |
| alpha Humulene      | 0.801      | 0.099 | beta Caryophyllene    | 2.672          | 0.099 |
| Caryophyllene Oxide | 0.100      | 0.099 | alpha Bisabolol       | 0.491          | 0.099 |
| Camphene            | < LOQ      | 0.099 | beta Pinene           | 0.164          | 0.099 |
| Ocimene             | < LOQ      | 0.099 | Sabinene              | < LOQ          | 0.099 |
| Camphor             | < LOQ      | 0.099 | Isoborneol            | < LOQ          | 0.099 |
| Menthol             | < LOQ      | 0.099 | alpha Cedrene         | < LOQ          | 0.099 |
| Nerolidol           | 0.432      | 0.099 | R-(+)-Pulegone        | < LOQ          | 0.099 |
| Eucalyptol          | < LOQ      | 0.099 | p-Cymene              | < LOQ          | 0.099 |
| (-)-Isopulegol      | < LOQ      | 0.099 | Geranyl Acetate       | < LOQ          | 0.099 |
| Guaiol              | < LOQ      | 0.099 | Valencene             | 0.621          | 0.099 |
| Phytol              | 0.442      | 0.099 | Citronellol           | < LOQ          | 0.099 |
| gamma-Terpinene     | < LOQ      | 0.099 |                       |                |       |
|                     |            |       | <b>Total Terpenes</b> | <b>9.262 %</b> |       |

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Terpene Analysis is not ORELAP Accredited.



Brian Weigel  
Lab Director

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Sample Name: **Jager (PHK) FECO Pri**

Date Sampled: **06/28/18 00:00**

Tested for: **OM Extracts**

Date Accepted: **06/28/18 17:40**

**Compliance Concentrate**

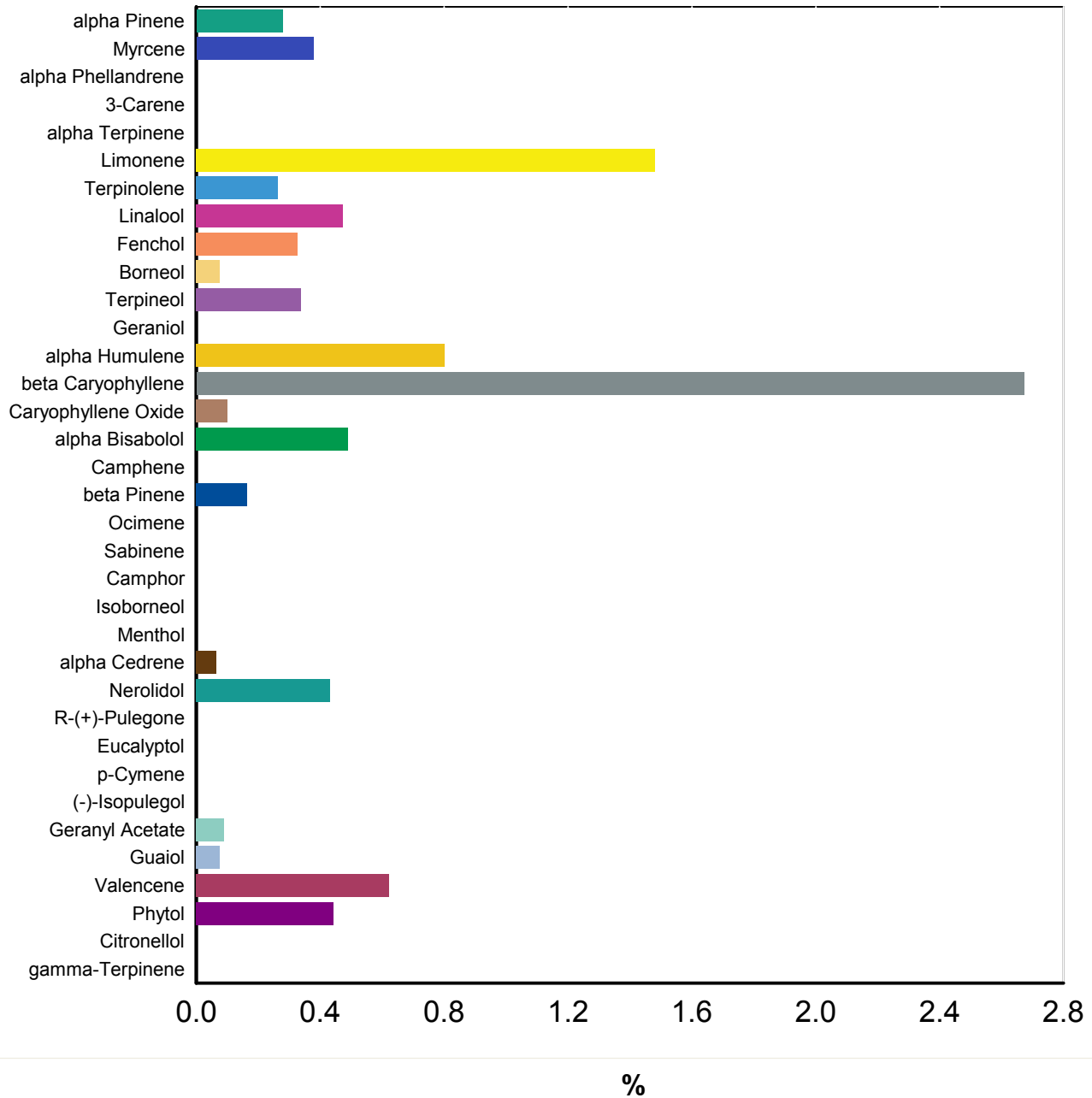
Results Valid Until: **06/28/19**

Laboratory ID: **18F0077-01**

Matrix: **Extracts and**

Client/Metric ID: **1A4010300014ADD000003626**

### Terpene Profile




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Lab Director

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Sample Name: **Jager (PHK) FECO Primary** Date Sampled: **06/28/18 00:00**  
 Tested for: **OM Extracts** Date Accepted: **06/28/18**  
**Compliance Concentrate** Results Valid Until: **06/28/19**

Laboratory ID: **18F0077-01** Sample Metrc ID: **1A4010300014ADD000003626**  
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000003625**  
 Lot # **NA** Batch Size: **2724 (g)**

## Pesticide Analysis in ppm

Date Extracted: 07/03/18 Analysis Method/SOP: Pesticides  
 Date Analyzed: 07/04/18 Results above the action levels are highlighted in red #.

| Analyte           | Result | Action Level | LOQ   | Analyte             | Result | Action Level | LOQ   |
|-------------------|--------|--------------|-------|---------------------|--------|--------------|-------|
| Abamectin         | < LOQ  | 0.5          | 0.244 | Acephate            | < LOQ  | 0.4          | 0.195 |
| Acequinocyl       | < LOQ  | 2            | 0.975 | Acetamiprid         | < LOQ  | 0.2          | 0.098 |
| Aldicarb          | < LOQ  | 0.4          | 0.195 | Azoxystrobin        | < LOQ  | 0.2          | 0.098 |
| Bifenazate        | < LOQ  | 0.2          | 0.098 | Bifenthrin          | < LOQ  | 0.2          | 0.098 |
| Boscalid          | < LOQ  | 0.4          | 0.195 | Carbaryl            | < LOQ  | 0.2          | 0.098 |
| Carbofuran        | < LOQ  | 0.2          | 0.098 | Chlorantraniliprole | < LOQ  | 0.2          | 0.098 |
| Chlorfenapyr      | < LOQ  | 1            | 0.488 | Chlorpyrifos        | < LOQ  | 0.2          | 0.098 |
| Clofentezine      | < LOQ  | 0.2          | 0.098 | Cyfluthrin          | < LOQ  | 1            | 0.488 |
| Cypermethrin      | < LOQ  | 1            | 0.488 | Daminozide          | < LOQ  | 1            | 0.488 |
| DDVP (Dichlorvos) | < LOQ  | 1            | 0.488 | Diazinon            | < LOQ  | 0.2          | 0.098 |
| Dimethoate        | < LOQ  | 0.2          | 0.098 | Ethoprophos         | < LOQ  | 0.2          | 0.098 |
| Etofenprox        | < LOQ  | 0.4          | 0.195 | Etoxazole           | < LOQ  | 0.2          | 0.098 |
| Fenoxycarb        | < LOQ  | 0.2          | 0.098 | Fenpyroximate       | < LOQ  | 0.4          | 0.195 |
| Fipronil          | < LOQ  | 0.4          | 0.195 | Fonicamid           | < LOQ  | 1            | 0.488 |
| Fludioxonil       | < LOQ  | 0.4          | 0.195 | Hexythiazox         | < LOQ  | 1            | 0.488 |
| Imazalil          | < LOQ  | 0.2          | 0.098 | Imidacloprid        | < LOQ  | 0.4          | 0.195 |
| Kresoxim-methyl   | < LOQ  | 0.4          | 0.195 | Malathion           | < LOQ  | 0.2          | 0.098 |
| Metalaxyl         | < LOQ  | 0.2          | 0.098 | Methiocarb          | < LOQ  | 0.2          | 0.098 |
| Methomyl          | < LOQ  | 0.4          | 0.195 | Methyl parathion    | < LOQ  | 0.2          | 0.098 |
| MGK-264           | < LOQ  | 0.2          | 0.098 | Myclobutanil        | < LOQ  | 0.2          | 0.098 |
| Naled             | < LOQ  | 0.5          | 0.244 | Oxamyl              | < LOQ  | 1            | 0.488 |
| Paclobutrazol     | < LOQ  | 0.4          | 0.195 | Permethrins (total) | < LOQ  | 0.2          | 0.098 |
| Phosmet           | < LOQ  | 0.2          | 0.098 | Piperonyl butoxide  | < LOQ  | 2            | 0.488 |
| Prallethrin       | < LOQ  | 0.2          | 0.098 | Propiconazole       | < LOQ  | 0.4          | 0.195 |
| Propoxur          | < LOQ  | 0.2          | 0.098 | Pyrethrins (total)  | < LOQ  | 1            | 0.488 |
| Pyridaben         | < LOQ  | 0.2          | 0.098 | Spinosad            | < LOQ  | 0.2          | 0.098 |
| Spiromesifen      | < LOQ  | 0.2          | 0.098 | Spirotetramat       | < LOQ  | 0.2          | 0.098 |
| Spiroxamine       | < LOQ  | 0.4          | 0.195 | Tebuconazole        | < LOQ  | 0.4          | 0.195 |
| Thiacloprid       | < LOQ  | 0.2          | 0.098 | Thiamethoxam        | < LOQ  | 0.2          | 0.098 |
| Trifloxystrobin   | < LOQ  | 0.2          | 0.098 |                     |        |              |       |

<LOQ - Results below the Limit of Quantitation - Compound not detected



Brian Weigel  
Lab Director

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Sample Name: **Jager (PHK) FECO Duplicate** Date Sampled: **06/28/18 00:00**  
 Tested for: **OM Extracts** Date Accepted: **06/28/18**  
**Compliance Concentrate** Results Valid Until: **06/28/19**

Laboratory ID: **18F0077-02** Sample Metrc ID: **1A4010300014ADD000003626**  
 Matrix: **Extracts and Concentrates** Batch RFID: **1A4010300014ADD000003625**  
 Lot # **NA** Batch Size: **2724 (g)**

## Pesticide Analysis in ppm

Date Extracted: 07/03/18 Analysis Method/SOP: Pesticides  
 Date Analyzed: 07/04/18 Results above the action levels are highlighted in red #.

| Analyte           | Result | Action Level | LOQ   | Analyte             | Result | Action Level | LOQ   |
|-------------------|--------|--------------|-------|---------------------|--------|--------------|-------|
| Abamectin         | < LOQ  | 0.5          | 0.241 | Acephate            | < LOQ  | 0.4          | 0.193 |
| Acequinocyl       | < LOQ  | 2            | 0.964 | Acetamiprid         | < LOQ  | 0.2          | 0.096 |
| Aldicarb          | < LOQ  | 0.4          | 0.193 | Azoxystrobin        | < LOQ  | 0.2          | 0.096 |
| Bifenazate        | < LOQ  | 0.2          | 0.096 | Bifenthrin          | < LOQ  | 0.2          | 0.096 |
| Boscalid          | < LOQ  | 0.4          | 0.193 | Carbaryl            | < LOQ  | 0.2          | 0.096 |
| Carbofuran        | < LOQ  | 0.2          | 0.096 | Chlorantraniliprole | < LOQ  | 0.2          | 0.096 |
| Chlorfenapyr      | < LOQ  | 1            | 0.482 | Chlorpyrifos        | < LOQ  | 0.2          | 0.096 |
| Clofentezine      | < LOQ  | 0.2          | 0.096 | Cyfluthrin          | < LOQ  | 1            | 0.482 |
| Cypermethrin      | < LOQ  | 1            | 0.482 | Daminozide          | < LOQ  | 1            | 0.482 |
| DDVP (Dichlorvos) | < LOQ  | 1            | 0.482 | Diazinon            | < LOQ  | 0.2          | 0.096 |
| Dimethoate        | < LOQ  | 0.2          | 0.096 | Ethoprophos         | < LOQ  | 0.2          | 0.096 |
| Etofenprox        | < LOQ  | 0.4          | 0.193 | Etoxazole           | < LOQ  | 0.2          | 0.096 |
| Fenoxycarb        | < LOQ  | 0.2          | 0.096 | Fenpyroximate       | < LOQ  | 0.4          | 0.193 |
| Fipronil          | < LOQ  | 0.4          | 0.193 | Fonicamid           | < LOQ  | 1            | 0.482 |
| Fludioxonil       | < LOQ  | 0.4          | 0.193 | Hexythiazox         | < LOQ  | 1            | 0.482 |
| Imazalil          | < LOQ  | 0.2          | 0.096 | Imidacloprid        | < LOQ  | 0.4          | 0.193 |
| Kresoxim-methyl   | < LOQ  | 0.4          | 0.193 | Malathion           | < LOQ  | 0.2          | 0.096 |
| Metalaxyl         | < LOQ  | 0.2          | 0.096 | Methiocarb          | < LOQ  | 0.2          | 0.096 |
| Methomyl          | < LOQ  | 0.4          | 0.193 | Methyl parathion    | < LOQ  | 0.2          | 0.096 |
| MGK-264           | < LOQ  | 0.2          | 0.096 | Myclobutanil        | < LOQ  | 0.2          | 0.096 |
| Naled             | < LOQ  | 0.5          | 0.241 | Oxamyl              | < LOQ  | 1            | 0.482 |
| Paclobutrazol     | < LOQ  | 0.4          | 0.193 | Permethrins (total) | < LOQ  | 0.2          | 0.096 |
| Phosmet           | < LOQ  | 0.2          | 0.096 | Piperonyl butoxide  | < LOQ  | 2            | 0.482 |
| Prallethrin       | < LOQ  | 0.2          | 0.096 | Propiconazole       | < LOQ  | 0.4          | 0.193 |
| Propoxur          | < LOQ  | 0.2          | 0.096 | Pyrethrins (total)  | < LOQ  | 1            | 0.482 |
| Pyridaben         | < LOQ  | 0.2          | 0.096 | Spinosad            | < LOQ  | 0.2          | 0.096 |
| Spiromesifen      | < LOQ  | 0.2          | 0.096 | Spirotetramat       | < LOQ  | 0.2          | 0.096 |
| Spiroxamine       | < LOQ  | 0.4          | 0.193 | Tebuconazole        | < LOQ  | 0.4          | 0.193 |
| Thiacloprid       | < LOQ  | 0.2          | 0.096 | Thiamethoxam        | < LOQ  | 0.2          | 0.096 |
| Trifloxystrobin   | < LOQ  | 0.2          | 0.096 |                     |        |              |       |

<LOQ - Results below the Limit of Quantitation - Compound not detected



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Lab Director

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|  |   |
|--|---|
| Sample Name: <b>Jager (PHK) FECO Primary</b> | Date Sampled: <b>06/28/18 00:00</b>               |
| Tested for: <b>OM Extracts</b>               | Date Accepted: <b>06/28/18</b>                    |
| <b>Compliance Concentrate</b>                | Results Valid Until: <b>06/28/19</b>              |
| Laboratory ID: <b>18F0077-01</b>             | Sample Metric ID: <b>1A4010300014ADD000003626</b> |
| Matrix: <b>Extracts and Concentrates</b>     | Batch RFID: <b>1A4010300014ADD000003625</b>       |
| Lot # <b>NA</b>                              | Batch Size: <b>2724 (g)</b>                       |

### Residual Solvents

| Solvent                              | Results in ug/g | Action Level | LOQ   | Date Extracted: 07/02/18 |
|--------------------------------------|-----------------|--------------|-------|--------------------------|
| 1,4-Dioxane                          | < LOQ           | 380          | 71.3  | Date Analyzed: 07/03/18  |
| 2-Butanol                            | < LOQ           | 5000         | 438   | Analysis Method/SOP: RST |
| 2-Ethoxyethanol                      | < LOQ           | 160          | 30.0  |                          |
| 2-Propanol (IPA)                     | < LOQ           | 5000         | 438   |                          |
| Acetone                              | < LOQ           | 5000         | 438   |                          |
| Acetonitrile                         | < LOQ           | 400          | 76.9  |                          |
| Benzene                              | < LOQ           | 2            | 0.750 |                          |
| Butanes                              | < LOQ           | 5000         | 313   |                          |
| Cyclohexane                          | < LOQ           | 3880         | 728   |                          |
| Dichloromethane (methylene chloride) | < LOQ           | 600          | 113   |                          |
| Ethyl acetate                        | < LOQ           | 5000         | 438   |                          |
| Ethyl ether                          | < LOQ           | 5000         | 438   |                          |
| Ethylbenzene                         | < LOQ           | 2170         | 406   |                          |
| Ethylene glycol                      | < LOQ           | 620          | 116   |                          |
| Ethylene oxide                       | < LOQ           | 50           | 37.5  |                          |
| Heptane                              | < LOQ           | 5000         | 438   |                          |
| Hexanes                              | < LOQ           | 290          | 54.4  |                          |
| Isopropyl acetate                    | < LOQ           | 5000         | 438   |                          |
| Isopropylbenzene (cumene)            | < LOQ           | 70           | 13.1  |                          |
| Methanol                             | < LOQ           | 3000         | 313   |                          |
| Pentanes                             | < LOQ           | 5000         | 438   |                          |
| Propane                              | < LOQ           | 5000         | 125   |                          |
| Tetrahydrofuran                      | < LOQ           | 720          | 135   |                          |
| Toluene                              | < LOQ           | 890          | 167   |                          |
| Xylenes                              | < LOQ           | 2170         | 406   |                          |

<LOQ - Results below the Limit of Quantitation - Compound not detected  
 Results above the Action Level fail state testing requirements and will be highlighted **Red #**.



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|  |   |
|--|---|
| Sample Name: <b>Jager (PHK) FECO Duplicate</b> | Date Sampled: <b>06/28/18 00:00</b>               |
| Tested for: <b>OM Extracts</b>                 | Date Accepted: <b>06/28/18</b>                    |
| <b>Compliance Concentrate</b>                  | Results Valid Until: <b>06/28/19</b>              |
| Laboratory ID: <b>18F0077-02</b>               | Sample Metric ID: <b>1A4010300014ADD000003626</b> |
| Matrix: <b>Extracts and Concentrates</b>       | Batch RFID: <b>1A4010300014ADD000003625</b>       |
| Lot # <b>NA</b>                                | Batch Size: <b>2724 (g)</b>                       |

### Residual Solvents

| Solvent                              | Results in ug/g | Action Level | LOQ   |
|--------------------------------------|-----------------|--------------|-------|
| 1,4-Dioxane                          | < LOQ           | 380          | 71.3  |
| 2-Butanol                            | < LOQ           | 5000         | 438   |
| 2-Ethoxyethanol                      | < LOQ           | 160          | 30.0  |
| 2-Propanol (IPA)                     | < LOQ           | 5000         | 438   |
| Acetone                              | < LOQ           | 5000         | 438   |
| Acetonitrile                         | < LOQ           | 400          | 76.9  |
| Benzene                              | < LOQ           | 2            | 0.750 |
| Butanes                              | < LOQ           | 5000         | 313   |
| Cyclohexane                          | < LOQ           | 3880         | 728   |
| Dichloromethane (methylene chloride) | < LOQ           | 600          | 113   |
| Ethyl acetate                        | < LOQ           | 5000         | 438   |
| Ethyl ether                          | < LOQ           | 5000         | 438   |
| Ethylbenzene                         | < LOQ           | 2170         | 406   |
| Ethylene glycol                      | < LOQ           | 620          | 116   |
| Ethylene oxide                       | < LOQ           | 50           | 37.5  |
| Heptane                              | < LOQ           | 5000         | 438   |
| Hexanes                              | < LOQ           | 290          | 54.4  |
| Isopropyl acetate                    | < LOQ           | 5000         | 438   |
| Isopropylbenzene (cumene)            | < LOQ           | 70           | 13.1  |
| Methanol                             | < LOQ           | 3000         | 313   |
| Pentanes                             | < LOQ           | 5000         | 438   |
| Propane                              | < LOQ           | 5000         | 125   |
| Tetrahydrofuran                      | < LOQ           | 720          | 135   |
| Toluene                              | < LOQ           | 890          | 167   |
| Xylenes                              | < LOQ           | 2170         | 406   |

Date Extracted: 07/02/18  
 Date Analyzed: 07/03/18  
 Analysis Method/SOP: RST

<LOQ - Results below the Limit of Quantitation - Compound not detected  
 Results above the Action Level fail state testing requirements and will be highlighted **Red #**.



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**Case Narrative**

Residual Solvents- Alpha-pinene coelution with isopropylbenzene  
 Pinene coeluted with Isopropylbenzene in the Matrix Spike and Matrix Spike Duplicate.  
 This caused high recovery for Isopropylbenzene in the Matrix spike and Matrix Spike Duplicate.  
 This does not affect client's sample.

Acetonitrile above 1/2 reporting limit in blank.  
 Analyte below reporting limit in all client samples.

Ethylene Glycol exceeded normally accepted QC criteria in the Matrix Spike and Matrix Spike Duplicate recovery. No Ethylene Glycol was found in client samples.

Terpenes- beta-Pinene exceeded normally accepted QC criteria on the sample duplicate.  
 Due to relatively large variations in very small values calculated high RPD.

**Quality Control  
 Potency**

**Batch: B180500 - Potency/Terpenes**

| Blank(B180500-BLK1)                   |        |       | Extracted - 07/03/18 9:33 Analyzed - 07/03/18 15:01 |               |      |             |     |           |
|---------------------------------------|--------|-------|---|---------------|------|-------------|-----|-----------|
| Analyte                               | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| d9-THC (d9-Tetrahydrocannabinol)      | < LOQ  | %     |   |               |      |             |     |           |
| d8-THC (d8-Tetrahydrocannabinol)      | < LOQ  | %     |   |               |      |             |     |           |
| THCA (d9-Tetrahydrocannabinolic Acid) | < LOQ  | %     |   |               |      |             |     |           |
| CBD (Cannabidiol)                     | < LOQ  | %     |   |               |      |             |     |           |
| CBDA (Cannabidiolic Acid)             | < LOQ  | %     |   |               |      |             |     |           |
| CBN (Cannabinol)                      | < LOQ  | %     |   |               |      |             |     |           |
| CBG (Cannabigerol)                    | < LOQ  | %     |   |               |      |             |     |           |
| CBGA (Cannabigerolic Acid)            | < LOQ  | %     |   |               |      |             |     |           |
| CBDV (Cannabidivarin)                 | < LOQ  | %     |   |               |      |             |     |           |
| CBDVA (Cannabidivarinic Acid)         | < LOQ  | %     |   |               |      |             |     |           |
| CBC (Cannabichromene)                 | < LOQ  | %     |   |               |      |             |     |           |
| THCV (Tetrahydrocannabivarin)         | < LOQ  | %     |   |               |      |             |     |           |

| Duplicate(B180500-DUP1)               |        |       | Extracted - 07/03/18 9:33 Analyzed - 07/03/18 15:17 |               |      |             |      |           |
|---------------------------------------|--------|-------|---|---------------|------|-------------|------|-----------|
| Analyte                               | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD  | RPD Limit |
| d9-THC (d9-Tetrahydrocannabinol)      | 32.07  | %     |   | 31.55         |      |             | 1.65 | 20        |
| d8-THC (d8-Tetrahydrocannabinol)      | < LOQ  | %     |   | < LOQ         |      |             |      | 20        |
| THCA (d9-Tetrahydrocannabinolic Acid) | 24.57  | %     |   | 23.68         |      |             | 3.71 | 20        |
| CBD (Cannabidiol)                     | 0.44   | %     |   | 0.46          |      |             | 6.24 | 20        |
| CBDA (Cannabidiolic Acid)             | 1.31   | %     |   | 1.26          |      |             | 3.74 | 20        |



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## Quality Control Potency (Continued)

**Batch: B180500 - Potency/Terpenes (Continued)**

| <b>Duplicate(B180500-DUP1)</b> |               | <b>Extracted - 07/03/18 9:33 Analyzed - 07/03/18 15:17</b> |                    |                      |             |                    |            |                  |
|--------------------------------|---------------|--|--------------------|----------------------|-------------|--------------------|------------|------------------|
| <b>Analyte</b>                 | <b>Result</b> | <b>Units</b>   | <b>Spike Level</b> | <b>Source Result</b> | <b>%REC</b> | <b>%REC Limits</b> | <b>RPD</b> | <b>RPD Limit</b> |
| CBN (Cannabinol)               | 0.15          | %  |                    | 0.15                 |             |                    | 1.86       | 20               |
| CBG (Cannabigerol)             | 0.66          | %  |                    | 0.65                 |             |                    | 1.55       | 20               |
| CBGA (Cannabigerolic Acid)     | 1.41          | %  |                    | 1.37                 |             |                    | 3.05       | 20               |
| CBDV (Cannabidivarin)          | < LOQ         | %  |                    | < LOQ                |             |                    |            | 20               |
| CBDVA (Cannabidivarinic Acid)  | < LOQ         | %  |                    | < LOQ                |             |                    |            | 20               |
| CBC (Cannabichromene)          | 0.58          | %  |                    | 0.58                 |             |                    | 0.382      | 20               |
| THCV (Tetrahydrocannabivarin)  | 0.22          | %  |                    | 0.21                 |             |                    | 5.65       | 20               |

| <b>LCS(B180500-BS1)</b>          |               | <b>Extracted - 07/03/18 9:33 Analyzed - 07/05/18 14:19</b> |                    |                      |             |                    |            |                  |
|----------------------------------|---------------|--|--------------------|----------------------|-------------|--------------------|------------|------------------|
| <b>Analyte</b>                   | <b>Result</b> | <b>Units</b>   | <b>Spike Level</b> | <b>Source Result</b> | <b>%REC</b> | <b>%REC Limits</b> | <b>RPD</b> | <b>RPD Limit</b> |
| d9-THC (d9-Tetrahydrocannabinol) | 0.18          | %  | 0.200              |                      | 91.9        | 80-120             |            |                  |
| CBD (Cannabidiol)                | 0.18          | %  | 0.200              |                      | 89.0        | 80-120             |            |                  |
| CBDA (Cannabidiolic Acid)        | 0.18          | %  | 0.200              |                      | 89.3        | 80-120             |            |                  |
| CBN (Cannabinol)                 | 0.18          | %  | 0.200              |                      | 88.6        | 80-120             |            |                  |



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## Quality Control Pesticide Analysis

**Batch: B180502 - Pesticide Prep**

| Analyte                    | Result | Units | Spike Level  | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|----------------------------|--------|-------|--|---------------|------|-------------|-----|-----------|
| <b>Blank(B180502-BLK1)</b> |        |       | <b>Extracted - 07/03/18 9:44 Analyzed - 07/03/18 17:31</b> |               |      |             |     |           |
| Abamectin                  | < LOQ  | ppm   |  |               |      |             |     |           |
| Acephate                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Acequinocyl                | < LOQ  | ppm   |  |               |      |             |     |           |
| Acetamiprid                | < LOQ  | ppm   |  |               |      |             |     |           |
| Aldicarb                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Azoxystrobin               | < LOQ  | ppm   |  |               |      |             |     |           |
| Bifenazate                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Bifenthrin                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Boscalid                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Carbaryl                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Carbofuran                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Chlorantraniliprole        | < LOQ  | ppm   |  |               |      |             |     |           |
| Chlorfenapyr               | < LOQ  | ppm   |  |               |      |             |     |           |
| Chlorpyrifos               | < LOQ  | ppm   |  |               |      |             |     |           |
| Clofentezine               | < LOQ  | ppm   |  |               |      |             |     |           |
| Cyfluthrin                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Cypermethrin               | < LOQ  | ppm   |  |               |      |             |     |           |
| Daminozide                 | < LOQ  | ppm   |  |               |      |             |     |           |
| DDVP (Dichlorvos)          | < LOQ  | ppm   |  |               |      |             |     |           |
| Diazinon                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Dimethoate                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Ethoprophos                | < LOQ  | ppm   |  |               |      |             |     |           |
| Etofenprox                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Etoxazole                  | < LOQ  | ppm   |  |               |      |             |     |           |
| Fenoxycarb                 | < LOQ  | ppm   |  |               |      |             |     |           |
| Fenpyroximate              | < LOQ  | ppm   |  |               |      |             |     |           |
| Fipronil                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Fonicamid                  | < LOQ  | ppm   |  |               |      |             |     |           |
| Fludioxonil                | < LOQ  | ppm   |  |               |      |             |     |           |
| Hexythiazox                | < LOQ  | ppm   |  |               |      |             |     |           |
| Imazalil                   | < LOQ  | ppm   |  |               |      |             |     |           |
| Imidacloprid               | < LOQ  | ppm   |  |               |      |             |     |           |
| Kresoxim-methyl            | < LOQ  | ppm   |  |               |      |             |     |           |
| Malathion                  | < LOQ  | ppm   |  |               |      |             |     |           |
| Metalaxyl                  | < LOQ  | ppm   |  |               |      |             |     |           |



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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B180502 - Pesticide Prep (Continued)**

| Blank(B180502-BLK1) |        |       | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 17:31 |               |      |             |     |           |
|---------------------|--------|-------|---|---------------|------|-------------|-----|-----------|
| Analyte             | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Methiocarb          | < LOQ  | ppm   |   |               |      |             |     |           |
| Methomyl            | < LOQ  | ppm   |   |               |      |             |     |           |
| Methyl parathion    | < LOQ  | ppm   |   |               |      |             |     |           |
| MGK-264             | < LOQ  | ppm   |   |               |      |             |     |           |
| Myclobutanil        | < LOQ  | ppm   |   |               |      |             |     |           |
| Naled               | < LOQ  | ppm   |   |               |      |             |     |           |
| Oxamyl              | < LOQ  | ppm   |   |               |      |             |     |           |
| Paclbutrazol        | < LOQ  | ppm   |   |               |      |             |     |           |
| Permethrins (total) | < LOQ  | ppm   |   |               |      |             |     |           |
| Phosmet             | < LOQ  | ppm   |   |               |      |             |     |           |
| Piperonyl butoxide  | < LOQ  | ppm   |   |               |      |             |     |           |
| Prallethrin         | < LOQ  | ppm   |   |               |      |             |     |           |
| Propiconazole       | < LOQ  | ppm   |   |               |      |             |     |           |
| Propoxur            | < LOQ  | ppm   |   |               |      |             |     |           |
| Pyrethrins (total)  | < LOQ  | ppm   |   |               |      |             |     |           |
| Pyridaben           | < LOQ  | ppm   |   |               |      |             |     |           |
| Spinosad            | < LOQ  | ppm   |   |               |      |             |     |           |
| Spiromesifen        | < LOQ  | ppm   |   |               |      |             |     |           |
| Spirotetramat       | < LOQ  | ppm   |   |               |      |             |     |           |
| Spiroxamine         | < LOQ  | ppm   |   |               |      |             |     |           |
| Tebuconazole        | < LOQ  | ppm   |   |               |      |             |     |           |
| Thiacloprid         | < LOQ  | ppm   |   |               |      |             |     |           |
| Thiamethoxam        | < LOQ  | ppm   |   |               |      |             |     |           |
| Trifloxystrobin     | < LOQ  | ppm   |   |               |      |             |     |           |

| LCS(B180502-BS1)    |        |       | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 17:47 |               |      |             |     |           |
|---------------------|--------|-------|---|---------------|------|-------------|-----|-----------|
| Analyte             | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Acephate            | 1.03   | ppm   | 1.00  |               | 103  | 70-130      |     |           |
| Acetamiprid         | 1.01   | ppm   | 1.00  |               | 101  | 70-130      |     |           |
| Aldicarb            | 1.01   | ppm   | 1.00  |               | 101  | 70-130      |     |           |
| Bifenazate          | 0.81   | ppm   | 1.00  |               | 81.4 | 70-130      |     |           |
| Boscalid            | 1.07   | ppm   | 1.00  |               | 107  | 70-130      |     |           |
| Chlorantraniliprole | 0.90   | ppm   | 1.00  |               | 90.2 | 70-130      |     |           |
| Chlorpyrifos        | 0.68   | ppm   | 1.00  |               | 68.5 | 70-130      |     |           |
| Cyfluthrin          | 1.08   | ppm   | 1.00  |               | 108  | 70-130      |     |           |



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## Quality Control Pesticide Analysis (Continued)

Batch: B180502 - Pesticide Prep (Continued)

| LCS(B180502-BS1)   |        | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 17:47 |             |               |      |             |     |           |
|--------------------|--------|---|-------------|---------------|------|-------------|-----|-----------|
| Analyte            | Result | Units   | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| DDVP (Dichlorvos)  | 0.93   | ppm   | 1.00        |               | 93.5 | 70-130      |     |           |
| Ethoprophos        | 1.09   | ppm   | 1.00        |               | 109  | 70-130      |     |           |
| Etoxazole          | 0.73   | ppm   | 1.00        |               | 72.9 | 70-130      |     |           |
| Fenoxycarb         | 0.94   | ppm   | 1.00        |               | 93.9 | 70-130      |     |           |
| Flonicamid         | 1.03   | ppm   | 1.00        |               | 103  | 70-130      |     |           |
| Imazalil           | 0.80   | ppm   | 1.00        |               | 80.4 | 70-130      |     |           |
| Imidacloprid       | 0.95   | ppm   | 1.00        |               | 95.2 | 70-130      |     |           |
| Methiocarb         | 0.93   | ppm   | 1.00        |               | 92.6 | 70-130      |     |           |
| Myclobutanil       | 0.88   | ppm   | 1.00        |               | 88.1 | 70-130      |     |           |
| Oxamyl             | 0.97   | ppm   | 1.00        |               | 97.0 | 70-130      |     |           |
| Paclobutrazol      | 1.08   | ppm   | 1.00        |               | 108  | 70-130      |     |           |
| Piperonyl butoxide | 0.73   | ppm   | 1.00        |               | 72.8 | 70-130      |     |           |
| Prallethrin        | 0.88   | ppm   | 1.00        |               | 88.3 | 70-130      |     |           |
| Propoxur           | 0.99   | ppm   | 1.00        |               | 99.0 | 70-130      |     |           |
| Spiromesifen       | 0.97   | ppm   | 1.00        |               | 97.5 | 70-130      |     |           |
| Spiroxamine        | 0.25   | ppm   | 1.00        |               | 25.0 | 70-130      |     |           |
| Thiacloprid        | 0.92   | ppm   | 1.00        |               | 92.4 | 70-130      |     |           |
| Thiamethoxam       | 0.93   | ppm   | 1.00        |               | 92.9 | 70-130      |     |           |
| Trifloxystrobin    | 1.03   | ppm   | 1.00        |               | 103  | 70-130      |     |           |

| Matrix Spike(B180502-MS1) |        | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 18:03 |             |               |      |             |     |           |
|---------------------------|--------|---|-------------|---------------|------|-------------|-----|-----------|
| Analyte                   | Result | Units   | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Acephate                  | 1.88   | ppm   | 1.99        | < LOQ         | 94.7 | 70-130      |     |           |
| Acetamiprid               | 1.90   | ppm   | 1.99        | < LOQ         | 95.6 | 70-130      |     |           |
| Aldicarb                  | 1.84   | ppm   | 1.99        | < LOQ         | 92.6 | 70-130      |     |           |
| Bifenazate                | 1.93   | ppm   | 1.99        | < LOQ         | 96.8 | 70-130      |     |           |
| Boscalid                  | 1.89   | ppm   | 1.99        | < LOQ         | 95.0 | 70-130      |     |           |
| Chlorantraniliprole       | 1.88   | ppm   | 1.99        | < LOQ         | 94.4 | 70-130      |     |           |
| Chlorpyrifos              | 1.32   | ppm   | 1.99        | < LOQ         | 66.4 | 70-130      |     |           |
| Cyfluthrin                | 1.57   | ppm   | 1.99        | < LOQ         | 79.1 | 70-130      |     |           |
| DDVP (Dichlorvos)         | 1.84   | ppm   | 1.99        | < LOQ         | 92.3 | 70-130      |     |           |
| Ethoprophos               | 2.47   | ppm   | 1.99        | < LOQ         | 124  | 70-130      |     |           |
| Etoxazole                 | 1.41   | ppm   | 1.99        | < LOQ         | 70.9 | 70-130      |     |           |
| Fenoxycarb                | 2.08   | ppm   | 1.99        | < LOQ         | 105  | 70-130      |     |           |
| Flonicamid                | 1.81   | ppm   | 1.99        | < LOQ         | 90.7 | 70-130      |     |           |



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## Quality Control

### Pesticide Analysis (Continued)

**Batch: B180502 - Pesticide Prep (Continued)**

| Matrix Spike(B180502-MS1) |        |       | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 18:03 |               |      |             |     |           |  |
|---------------------------|--------|-------|---|---------------|------|-------------|-----|-----------|--|
| Analyte                   | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD | RPD Limit |  |
| Imazalil                  | 1.58   | ppm   | 1.99  | < LOQ         | 79.4 | 70-130      |     |           |  |
| Imidacloprid              | 1.85   | ppm   | 1.99  | < LOQ         | 92.9 | 70-130      |     |           |  |
| Methiocarb                | 1.84   | ppm   | 1.99  | < LOQ         | 92.3 | 70-130      |     |           |  |
| Myclobutanil              | 1.63   | ppm   | 1.99  | < LOQ         | 82.1 | 70-130      |     |           |  |
| Oxamyl                    | 1.64   | ppm   | 1.99  | < LOQ         | 82.6 | 70-130      |     |           |  |
| Paclobutrazol             | 1.92   | ppm   | 1.99  | < LOQ         | 96.5 | 70-130      |     |           |  |
| Piperonyl butoxide        | 1.41   | ppm   | 1.99  | < LOQ         | 70.7 | 70-130      |     |           |  |
| Prallethrin               | 1.64   | ppm   | 1.99  | < LOQ         | 82.5 | 70-130      |     |           |  |
| Propoxur                  | 1.96   | ppm   | 1.99  | < LOQ         | 98.7 | 70-130      |     |           |  |
| Spiromesifen              | 2.22   | ppm   | 1.99  | < LOQ         | 112  | 70-130      |     |           |  |
| Spiroxamine               | 0.99   | ppm   | 1.99  | < LOQ         | 49.8 | 70-130      |     |           |  |
| Thiacloprid               | 1.77   | ppm   | 1.99  | < LOQ         | 89.1 | 70-130      |     |           |  |
| Thiamethoxam              | 1.63   | ppm   | 1.99  | < LOQ         | 81.7 | 70-130      |     |           |  |
| Trifloxystrobin           | 1.39   | ppm   | 1.99  | < LOQ         | 69.9 | 70-130      |     |           |  |

| Matrix Spike Dup(B180502-MSD1) |        |       | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 |               |      |             |       |           |  |
|--------------------------------|--------|-------|---|---------------|------|-------------|-------|-----------|--|
| Analyte                        | Result | Units | Spike Level                                   | Source Result | %REC | %REC Limits | RPD   | RPD Limit |  |
| Acephate                       | 2.06   | ppm   | 1.99  | < LOQ         | 104  | 70-130      | 9.05  | 30        |  |
| Acetamiprid                    | 2.00   | ppm   | 1.99  | < LOQ         | 101  | 70-130      | 5.28  | 30        |  |
| Aldicarb                       | 1.96   | ppm   | 1.99  | < LOQ         | 98.7 | 70-130      | 6.34  | 30        |  |
| Bifenazate                     | 1.73   | ppm   | 1.99  | < LOQ         | 87.2 | 70-130      | 10.4  | 30        |  |
| Boscalid                       | 1.65   | ppm   | 1.99  | < LOQ         | 83.1 | 70-130      | 13.4  | 30        |  |
| Chlorantraniliprole            | 1.68   | ppm   | 1.99  | < LOQ         | 84.8 | 70-130      | 10.7  | 30        |  |
| Chlorpyrifos                   | 1.14   | ppm   | 1.99  | < LOQ         | 57.3 | 70-130      | 14.7  | 30        |  |
| Cyfluthrin                     | 1.72   | ppm   | 1.99  | < LOQ         | 86.7 | 70-130      | 9.17  | 30        |  |
| DDVP (Dichlorvos)              | 1.89   | ppm   | 1.99  | < LOQ         | 95.3 | 70-130      | 3.15  | 30        |  |
| Ethoprophos                    | 2.58   | ppm   | 1.99  | < LOQ         | 130  | 70-130      | 4.75  | 30        |  |
| Etoxazole                      | 1.25   | ppm   | 1.99  | < LOQ         | 63.0 | 70-130      | 11.7  | 30        |  |
| Fenoxycarb                     | 1.72   | ppm   | 1.99  | < LOQ         | 86.4 | 70-130      | 19.2  | 30        |  |
| Flonicamid                     | 1.84   | ppm   | 1.99  | < LOQ         | 92.4 | 70-130      | 1.87  | 30        |  |
| Imazalil                       | 1.40   | ppm   | 1.99  | < LOQ         | 70.3 | 70-130      | 12.2  | 30        |  |
| Imidacloprid                   | 1.86   | ppm   | 1.99  | < LOQ         | 93.7 | 70-130      | 0.828 | 30        |  |
| Methiocarb                     | 1.63   | ppm   | 1.99  | < LOQ         | 82.1 | 70-130      | 11.7  | 30        |  |
| Myclobutanil                   | 1.41   | ppm   | 1.99  | < LOQ         | 70.9 | 70-130      | 14.7  | 30        |  |
| Oxamyl                         | 1.77   | ppm   | 1.99  | < LOQ         | 88.9 | 70-130      | 7.44  | 30        |  |



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## Quality Control Pesticide Analysis (Continued)

**Batch: B180502 - Pesticide Prep (Continued)**

| Matrix Spike Dup(B180502-MSD1) |        |       | Extracted - 07/03/18 9:44 Analyzed - 07/03/18 |               |      |             |        |           |
|--------------------------------|--------|-------|---|---------------|------|-------------|--------|-----------|
| Analyte                        | Result | Units | Spike Level                                   | Source Result | %REC | %REC Limits | RPD    | RPD Limit |
| Paclobutrazol                  | 1.61   | ppm   | 1.99  | < LOQ         | 80.9 | 70-130      | 17.5   | 30        |
| Piperonyl butoxide             | 1.25   | ppm   | 1.99  | < LOQ         | 62.8 | 70-130      | 11.9   | 30        |
| Prallethrin                    | 1.43   | ppm   | 1.99  | < LOQ         | 72.0 | 70-130      | 13.6   | 30        |
| Propoxur                       | 2.08   | ppm   | 1.99  | < LOQ         | 105  | 70-130      | 6.17   | 30        |
| Spiromesifen                   | 2.07   | ppm   | 1.99  | < LOQ         | 104  | 70-130      | 7.07   | 30        |
| Spiroxamine                    | 0.99   | ppm   | 1.99  | < LOQ         | 49.8 | 70-130      | 0.0920 | 30        |
| Thiacloprid                    | 1.84   | ppm   | 1.99  | < LOQ         | 92.7 | 70-130      | 3.94   | 30        |
| Thiamethoxam                   | 1.60   | ppm   | 1.99  | < LOQ         | 80.6 | 70-130      | 1.41   | 30        |
| Trifloxystrobin                | 1.33   | ppm   | 1.99  | < LOQ         | 67.1 | 70-130      | 4.12   | 30        |



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## Quality Control Solvent Analysis

**Batch: B180503 - Residual Solvent Prep**

| <b>Blank(B180503-BLK1)</b>           |               |              | <b>Extracted - 07/02/18 17:00 Analyzed - 07/02/18 19:48</b> |                      |             |                    |            |                  |
|--------------------------------------|---------------|--------------|---|----------------------|-------------|--------------------|------------|------------------|
| <b>Analyte</b>                       | <b>Result</b> | <b>Units</b> | <b>Spike Level</b>  | <b>Source Result</b> | <b>%REC</b> | <b>%REC Limits</b> | <b>RPD</b> | <b>RPD Limit</b> |
| 1,4-Dioxane                          | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| 2-Butanol                            | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| 2-Ethoxyethanol                      | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| 2-Propanol (IPA)                     | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Acetone                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Acetonitrile                         | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Benzene                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Butanes                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Cyclohexane                          | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Dichloromethane (methylene chloride) | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Ethyl acetate                        | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Ethyl ether                          | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Ethylbenzene                         | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Ethylene glycol                      | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Ethylene oxide                       | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Heptane                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Hexanes                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Isopropyl acetate                    | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Isopropylbenzene (cumene)            | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Methanol                             | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Pentanes                             | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Propane                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Tetrahydrofuran                      | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Toluene                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |
| Xylenes                              | < LOQ         | ug/g         |   |                      |             |                    |            |                  |

| <b>LCS(B180503-BS1)</b>            |               |              | <b>Extracted - 07/02/18 17:00 Analyzed - 07/02/18 18:44</b> |                      |             |                    |            |                  |
|------------------------------------|---------------|--------------|---|----------------------|-------------|--------------------|------------|------------------|
| <b>Analyte</b>                     | <b>Result</b> | <b>Units</b> | <b>Spike Level</b>  | <b>Source Result</b> | <b>%REC</b> | <b>%REC Limits</b> | <b>RPD</b> | <b>RPD Limit</b> |
| 1,4-Dioxane                        | 556           | ug/g         | 570   |                      | 97.5        | 70-130             |            |                  |
| 2,2-Dimethylbutane                 | 413           | ug/g         | 435   |                      | 94.9        | 70-130             |            |                  |
| 2-Butanol                          | 3480          | ug/g         | 3500  |                      | 99.5        | 70-130             |            |                  |
| 2-Ethoxyethanol                    | 248           | ug/g         | 240   |                      | 103         | 70-130             |            |                  |
| 2-Methylbutane (isopentane)        | 3410          | ug/g         | 3500  |                      | 97.4        | 70-130             |            |                  |
| 2-Methylpentane/2,3-Dimethylbutane | 836           | ug/g         | 870   |                      | 96.1        | 70-130             |            |                  |
| 2-Propanol (IPA)                   | 3480          | ug/g         | 3500  |                      | 99.3        | 70-130             |            |                  |



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## Quality Control

### Solvent Analysis (Continued)

**Batch: B180503 - Residual Solvent Prep (Continued)**

| LCS(B180503-BS1)                     |        | Extracted - 07/02/18 17:00 Analyzed - 07/02/18 18:44 |             |               |      |             |     |           |
|--------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte                              | Result | Units  | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 3-Methylpentane                      | 422    | ug/g   | 435         |               | 97.0 | 70-130      |     |           |
| Acetone                              | 3560   | ug/g   | 3500        |               | 102  | 70-130      |     |           |
| Acetonitrile                         | 626    | ug/g   | 615         |               | 102  | 70-130      |     |           |
| Benzene                              | 3.03   | ug/g   | 3.00        |               | 101  | 70-130      |     |           |
| Cyclohexane                          | 5640   | ug/g   | 5820        |               | 96.9 | 70-130      |     |           |
| Dichloromethane (methylene chloride) | 910    | ug/g   | 900         |               | 101  | 70-130      |     |           |
| Ethyl acetate                        | 3340   | ug/g   | 3500        |               | 95.3 | 70-130      |     |           |
| Ethyl ether                          | 3520   | ug/g   | 3500        |               | 100  | 70-130      |     |           |
| Ethylbenzene                         | 3040   | ug/g   | 3250        |               | 93.4 | 70-130      |     |           |
| Ethylene glycol                      | 1170   | ug/g   | 930         |               | 125  | 70-130      |     |           |
| Heptane                              | 3330   | ug/g   | 3500        |               | 95.0 | 70-130      |     |           |
| Isopropyl acetate                    | 3480   | ug/g   | 3500        |               | 99.3 | 70-130      |     |           |
| Isopropylbenzene (cumene)            | 97.1   | ug/g   | 105         |               | 92.5 | 70-130      |     |           |
| m,p-Xylene                           | 6250   | ug/g   | 6510        |               | 96.0 | 70-130      |     |           |
| Methanol                             | 2550   | ug/g   | 2500        |               | 102  | 70-130      |     |           |
| n-Hexane                             | 415    | ug/g   | 435         |               | 95.5 | 70-130      |     |           |
| n-Pentane                            | 3410   | ug/g   | 3500        |               | 97.5 | 70-130      |     |           |
| Tetrahydrofuran                      | 1000   | ug/g   | 1080        |               | 92.6 | 70-130      |     |           |
| Toluene                              | 1280   | ug/g   | 1340        |               | 95.7 | 70-130      |     |           |
| o-Xylene                             | 3110   | ug/g   | 3250        |               | 95.8 | 70-130      |     |           |

| Matrix Spike(B180503-MS1)          |        | Extracted - 07/02/18 17:00 Analyzed - 07/02/18 19:05 |             |               |      |             |     |           |
|------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte                            | Result | Units  | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 1,4-Dioxane                        | 508    | ug/g   | 536         | < LOQ         | 94.8 | 70-130      |     |           |
| 2,2-Dimethylbutane                 | 382    | ug/g   | 409         | < LOQ         | 93.5 | 70-130      |     |           |
| 2-Butanol                          | 3170   | ug/g   | 3290        | < LOQ         | 96.4 | 70-130      |     |           |
| 2-Ethoxyethanol                    | 228    | ug/g   | 226         | < LOQ         | 101  | 70-130      |     |           |
| 2-Methylbutane (isopentane)        | 3180   | ug/g   | 3290        | < LOQ         | 96.8 | 70-130      |     |           |
| 2-Methylpentane/2,3-Dimethylbutane | 772    | ug/g   | 818         | < LOQ         | 94.4 | 70-130      |     |           |
| 2-Propanol (IPA)                   | 3190   | ug/g   | 3290        | 178           | 91.5 | 70-130      |     |           |
| 3-Methylpentane                    | 391    | ug/g   | 409         | < LOQ         | 95.6 | 70-130      |     |           |
| Acetone                            | 3310   | ug/g   | 3290        | 214           | 94.2 | 70-130      |     |           |
| Acetonitrile                       | 572    | ug/g   | 578         | 44.6          | 91.2 | 70-130      |     |           |
| Benzene                            | 2.97   | ug/g   | 2.82        | < LOQ         | 105  | 70-130      |     |           |
| Cyclohexane                        | 5390   | ug/g   | 5480        | < LOQ         | 98.4 | 70-130      |     |           |



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## Quality Control

### Solvent Analysis (Continued)

**Batch: B180503 - Residual Solvent Prep (Continued)**

| Matrix Spike(B180503-MS1)            |        |       | Extracted - 07/02/18 17:00 Analyzed - 07/02/18 19:05 |               |      |             |     |           |
|--------------------------------------|--------|-------|--|---------------|------|-------------|-----|-----------|
| Analyte                              | Result | Units | Spike Level  | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Dichloromethane (methylene chloride) | 848    | ug/g  | 846  | < LOQ         | 100  | 70-130      |     |           |
| Ethyl acetate                        | 3050   | ug/g  | 3290   | < LOQ         | 92.8 | 70-130      |     |           |
| Ethyl ether                          | 3240   | ug/g  | 3290   | < LOQ         | 98.4 | 70-130      |     |           |
| Ethylbenzene                         | 2910   | ug/g  | 3060   | < LOQ         | 95.4 | 70-130      |     |           |
| Ethylene glycol                      | 1160   | ug/g  | 874  | < LOQ         | 132  | 70-130      |     |           |
| Heptane                              | 3160   | ug/g  | 3290   | < LOQ         | 96.2 | 70-130      |     |           |
| Isopropyl acetate                    | 3160   | ug/g  | 3290   | < LOQ         | 96.0 | 70-130      |     |           |
| Isopropylbenzene (cumene)            | 299    | ug/g  | 98.7   | < LOQ         | 303  | 70-130      |     |           |
| m,p-Xylene                           | 6050   | ug/g  | 6120   | < LOQ         | 98.8 | 70-130      |     |           |
| Methanol                             | 2350   | ug/g  | 2350   | 105           | 95.7 | 70-130      |     |           |
| n-Hexane                             | 393    | ug/g  | 409  | 34.1          | 87.8 | 70-130      |     |           |
| n-Pentane                            | 3220   | ug/g  | 3290   | < LOQ         | 97.8 | 70-130      |     |           |
| Tetrahydrofuran                      | 895    | ug/g  | 1020   | < LOQ         | 88.1 | 70-130      |     |           |
| Toluene                              | 1240   | ug/g  | 1260   | < LOQ         | 98.2 | 70-130      |     |           |
| o-Xylene                             | 3040   | ug/g  | 3060   | < LOQ         | 99.4 | 70-130      |     |           |

| Matrix Spike Dup(B180503-MSD1)       |        |       | Extracted - 07/02/18 17:00 Analyzed - 07/02/18 |               |      |             |      |           |
|--------------------------------------|--------|-------|--|---------------|------|-------------|------|-----------|
| Analyte                              | Result | Units | Spike Level                                    | Source Result | %REC | %REC Limits | RPD  | RPD Limit |
| 1,4-Dioxane                          | 545    | ug/g  | 566  | < LOQ         | 96.3 | 70-130      | 6.98 | 30        |
| 2,2-Dimethylbutane                   | 410    | ug/g  | 432  | < LOQ         | 94.9 | 70-130      | 6.87 | 30        |
| 2-Butanol                            | 3430   | ug/g  | 3470   | < LOQ         | 98.6 | 70-130      | 7.78 | 30        |
| 2-Ethoxyethanol                      | 247    | ug/g  | 238  | < LOQ         | 104  | 70-130      | 7.68 | 30        |
| 2-Methylbutane (isopentane)          | 3430   | ug/g  | 3470   | < LOQ         | 98.6 | 70-130      | 7.30 | 30        |
| 2-Methylpentane/2,3-Dimethylbutane   | 830    | ug/g  | 864  | < LOQ         | 96.1 | 70-130      | 7.19 | 30        |
| 2-Propanol (IPA)                     | 3430   | ug/g  | 3470   | 178           | 93.5 | 70-130      | 7.23 | 30        |
| 3-Methylpentane                      | 419    | ug/g  | 432  | < LOQ         | 97.0 | 70-130      | 6.85 | 30        |
| Acetone                              | 3550   | ug/g  | 3470   | 214           | 96.0 | 70-130      | 6.90 | 30        |
| Acetonitrile                         | 610    | ug/g  | 610  | 44.6          | 92.6 | 70-130      | 6.40 | 30        |
| Benzene                              | 3.11   | ug/g  | 2.98   | < LOQ         | 104  | 70-130      | 4.73 | 30        |
| Cyclohexane                          | 5810   | ug/g  | 5780   | < LOQ         | 101  | 70-130      | 7.59 | 30        |
| Dichloromethane (methylene chloride) | 905    | ug/g  | 893  | < LOQ         | 101  | 70-130      | 6.46 | 30        |
| Ethyl acetate                        | 3290   | ug/g  | 3470   | < LOQ         | 94.7 | 70-130      | 7.39 | 30        |
| Ethyl ether                          | 3440   | ug/g  | 3470   | < LOQ         | 99.0 | 70-130      | 6.03 | 30        |
| Ethylbenzene                         | 3130   | ug/g  | 3230   | < LOQ         | 97.1 | 70-130      | 7.29 | 30        |
| Ethylene glycol                      | 1210   | ug/g  | 923  | < LOQ         | 131  | 70-130      | 4.22 | 30        |



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## Quality Control Solvent Analysis (Continued)

**Batch: B180503 - Residual Solvent Prep (Continued)**

| Matrix Spike Dup(B180503-MSD1) |        |       | Extracted - 07/02/18 17:00 Analyzed - 07/02/18 |               |      |             |      |           |
|--------------------------------|--------|-------|--|---------------|------|-------------|------|-----------|
| Analyte                        | Result | Units | Spike Level                                    | Source Result | %REC | %REC Limits | RPD  | RPD Limit |
| Heptane                        | 3390   | ug/g  | 3470   | < LOQ         | 97.7 | 70-130      | 7.01 | 30        |
| Isopropyl acetate              | 3410   | ug/g  | 3470   | < LOQ         | 98.2 | 70-130      | 7.73 | 30        |
| Isopropylbenzene (cumene)      | 314    | ug/g  | 104  | < LOQ         | 302  | 70-130      | 4.99 | 30        |
| m,p-Xylene                     | 6450   | ug/g  | 6460   | < LOQ         | 99.8 | 70-130      | 6.47 | 30        |
| Methanol                       | 2520   | ug/g  | 2480   | 105           | 97.3 | 70-130      | 6.74 | 30        |
| n-Hexane                       | 422    | ug/g  | 432  | 34.1          | 89.8 | 70-130      | 7.05 | 30        |
| n-Pentane                      | 3460   | ug/g  | 3470   | < LOQ         | 99.6 | 70-130      | 7.25 | 30        |
| Tetrahydrofuran                | 962    | ug/g  | 1070   | < LOQ         | 89.8 | 70-130      | 7.27 | 30        |
| Toluene                        | 1330   | ug/g  | 1330   | < LOQ         | 99.9 | 70-130      | 7.12 | 30        |
| o-Xylene                       | 3230   | ug/g  | 3230   | < LOQ         | 100  | 70-130      | 6.04 | 30        |



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## Quality Control Terpene Analysis

**Batch: B180501 - Potency/Terpenes**

| Blank(B180501-BLK1) |        |       | Extracted - 07/02/18 9:40 Analyzed - 07/03/18 20:17 |               |      |             |     |           |
|---------------------|--------|-------|---|---------------|------|-------------|-----|-----------|
| Analyte             | Result | Units | Spike Level   | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| alpha Pinene        | < LOQ  | %     |   |               |      |             |     |           |
| Myrcene             | < LOQ  | %     |   |               |      |             |     |           |
| alpha Phellandrene  | < LOQ  | %     |   |               |      |             |     |           |
| 3-Carene            | < LOQ  | %     |   |               |      |             |     |           |
| alpha Terpinene     | < LOQ  | %     |   |               |      |             |     |           |
| Limonene            | < LOQ  | %     |   |               |      |             |     |           |
| Terpinolene         | < LOQ  | %     |   |               |      |             |     |           |
| Linalool            | < LOQ  | %     |   |               |      |             |     |           |
| Fenchol             | < LOQ  | %     |   |               |      |             |     |           |
| Borneol             | < LOQ  | %     |   |               |      |             |     |           |
| Terpineol           | < LOQ  | %     |   |               |      |             |     |           |
| Geraniol            | < LOQ  | %     |   |               |      |             |     |           |
| alpha Humulene      | < LOQ  | %     |   |               |      |             |     |           |
| beta Caryophyllene  | < LOQ  | %     |   |               |      |             |     |           |
| Caryophyllene Oxide | < LOQ  | %     |   |               |      |             |     |           |
| alpha Bisabolol     | < LOQ  | %     |   |               |      |             |     |           |
| Camphene            | < LOQ  | %     |   |               |      |             |     |           |
| beta Pinene         | < LOQ  | %     |   |               |      |             |     |           |
| Ocimene             | < LOQ  | %     |   |               |      |             |     |           |
| Sabinene            | < LOQ  | %     |   |               |      |             |     |           |
| Camphor             | < LOQ  | %     |   |               |      |             |     |           |
| Isoborneol          | < LOQ  | %     |   |               |      |             |     |           |
| Menthol             | < LOQ  | %     |   |               |      |             |     |           |
| alpha Cedrene       | < LOQ  | %     |   |               |      |             |     |           |
| Nerolidol           | < LOQ  | %     |   |               |      |             |     |           |
| R-(+)-Pulegone      | < LOQ  | %     |   |               |      |             |     |           |
| Eucalyptol          | < LOQ  | %     |   |               |      |             |     |           |
| p-Cymene            | < LOQ  | %     |   |               |      |             |     |           |
| (-)-Isopulegol      | < LOQ  | %     |   |               |      |             |     |           |
| Geranyl Acetate     | < LOQ  | %     |   |               |      |             |     |           |
| Guaiol              | < LOQ  | %     |   |               |      |             |     |           |
| Valencene           | < LOQ  | %     |   |               |      |             |     |           |
| Phytol              | < LOQ  | %     |   |               |      |             |     |           |
| Citronellol         | < LOQ  | %     |   |               |      |             |     |           |
| gamma-Terpinene     | < LOQ  | %     |   |               |      |             |     |           |



Brian Weigel  
Lab Director

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## Quality Control

### Terpene Analysis (Continued)

**Batch: B180501 - Potency/Terpenes (Continued)**

| Duplicate(B180501-DUP1) |        | Extracted - 07/02/18 9:40 Analyzed - 07/03/18 20:17 |             |               |      |             |      |           |
|-------------------------|--------|---|-------------|---------------|------|-------------|------|-----------|
| Analyte                 | Result | Units   | Spike Level | Source Result | %REC | %REC Limits | RPD  | RPD Limit |
| alpha Pinene            | 0.327  | %   |             | 0.279         |      |             | 16.1 | 20        |
| Myrcene                 | 0.451  | %   |             | 0.378         |      |             | 17.6 | 20        |
| alpha Phellandrene      | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| 3-Carene                | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| alpha Terpinene         | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Limonene                | 1.738  | %   |             | 1.480         |      |             | 16.1 | 20        |
| Terpinolene             | 0.288  | %   |             | 0.264         |      |             | 8.72 | 20        |
| Linalool                | 0.516  | %   |             | 0.474         |      |             | 8.51 | 20        |
| Fenchol                 | 0.352  | %   |             | 0.326         |      |             | 7.89 | 20        |
| Borneol                 | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Terpineol               | 0.325  | %   |             | 0.339         |      |             | 4.12 | 20        |
| Geraniol                | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| alpha Humulene          | 0.859  | %   |             | 0.801         |      |             | 6.95 | 20        |
| beta Caryophyllene      | 2.827  | %   |             | 2.672         |      |             | 5.64 | 20        |
| Caryophyllene Oxide     | 0.110  | %   |             | 0.100         |      |             | 9.12 | 20        |
| alpha Bisabolol         | 0.523  | %   |             | 0.491         |      |             | 6.38 | 20        |
| Camphene                | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| beta Pinene             | 0.215  | %   |             | 0.164         |      |             | 26.8 | 20        |
| Ocimene                 | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Sabinene                | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Camphor                 | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Isoborneol              | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Menthol                 | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| alpha Cedrene           | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Nerolidol               | 0.447  | %   |             | 0.432         |      |             | 3.48 | 20        |
| R-(+)-Pulegone          | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Eucalyptol              | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| p-Cymene                | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| (-)-Isopulegol          | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Geranyl Acetate         | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Guaiol                  | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| Valencene               | 0.716  | %   |             | 0.621         |      |             | 14.2 | 20        |
| Phytol                  | 0.490  | %   |             | 0.442         |      |             | 10.3 | 20        |
| Citronellol             | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |
| gamma-Terpinene         | < LOQ  | %   |             | < LOQ         |      |             |      | 20        |



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**OREGON LIQUOR CONTROL COMMISSION  
CANNABIS TRANSPORTATION MANIFEST**



All sales transactions are to be completed prior to transportation of any CANNABIS. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

|   |   |   |                           |
|---|---|---|---------------------------|
| <b>Manifest #:</b>  | <b>0000805104</b>   | <b>Date Created:</b>  | <b>6/28/2018 10:34 AM</b> |
| <b>Originating Entity:</b>  | OM Extracts   | <b>For OLCC Use Only</b>  |                           |
| <b>Originating License Number:</b>  | 030-10051970949   |   |                           |
| <b>Address of Originating Entity:</b>   | 500 Industrial Circle, Units E, F, G, and H<br>White City, OR 97503 |   |                           |
| <b>Phone No. of Originating Entity:</b>   | 503-688-3289  |   |                           |
| <b>Contact Phone No. for Inquiries:</b>   | <b>503-688-3289</b>   |   |                           |
| <b>Destination # 1:</b>   | <b>SC Laboratories</b>  | <b>Destination Phone No.:</b>   | <b>707-339-0050</b>       |
| <b>Destination License Number:</b>  | 010-1004748743D   | <b>Date and Approximate Time of Departure:</b>  | 6/28/2018 10:32 AM        |
| <b>Address of Destination:</b>  | 15865 SW 74th Avenue<br>Ste 110<br>Tigard, OR 97224                 | <b>Date and Approximate Time of Arrival:</b>  | 6/28/2018 6:32 PM         |
|   |   | <b>Date/Time Received:</b>  | 6/28/18 5:40 PM           |
|   |   | <b>Notes: details for extenuating circumstances (e.g., road closure, flat tire, etc.)</b> |                           |
| <b>Route to be Traveled:</b>  | FASTEST gps route   |   |                           |
| <b>Name of Person Transporting:</b>   | Joel Glimpse/ Scott Forster   | <b>Handler Permit No. of Driver:</b>  | 102682/22                 |
| <b>State Driver's License No.:</b>  | 9474950/A625521   | <b>Signature of Person Transporting:</b>  |                           |
| <b>Make, Model, License Plate No.:</b>  | scion/nissan XB/NV 200 175 JLS/825 KAT                              |   |                           |
| <b>Package Label</b>  | <b>Harvest Name</b>   | <b>Item Name</b>  | <b>Weight/Quantity</b>    |
| 1A4010300014ADD000003626<br>Status: Shipped   | J 10/5, PAC, PHK aka Jaeger, PHK aka Jaeger<br>10/12                | JAGER (PHK) CO2 FECO<br>(Extracts)  | Shp: 12.9700 g            |
| 1A4010300014ADD000003627<br>Status: Shipped   | South Fork Kush 56 FS   | South Fork Kush 56 CO2 FECO<br>(Extracts)   | Shp: 12.9300 g            |
| <b>PRODUCT REJECTION (if only a portion of shipment is rejected, circle that portion above)</b>   |   |   |                           |
| <b>Name of Person Receiving or Rejecting Product:</b>   | Brian Weigel  |   |                           |
| I confirm that the contents of this shipment match weight records entered above, and I agree to take custody of those portions of this shipment not circled above. Those portions circled were returned to the individual delivering this shipment. |   |   |                           |
| <b>Signature:</b>   |   | <b>Date:</b>  | 6/28/18                   |
| <b>Signature of individual taking receipt of rejected portion of this shipment:</b>   |   |   |                           |

Client: OM Ext Client License: 10051970949 Date: 6/21/2018 Thermometer ID: T015  
 Location: 500 Industrial wy Requestor: Jamie Event ID: 18FOM28 Balance ID: b03  
 Sampling SOP: SC-OR-SAMP-003 Sampler: Joel Transporter: Joel/ Scott Hygrometer ID: 3  
 Lab ORELAP ID: 4133  
 Lab OLCC ID: 1004748743D



| Weight used (g) | Weight Set ID | Acceptance Criteria | Initial Measured | Initial P/F | Final Measured | Final P/F |
|-----------------|---------------|---------------------|------------------|-------------|----------------|-----------|
| 0.5             | 3             | ±2.5%               | 0.5              | P           | 0.5            | P         |
| 200             |               | ±2.5%               | 199.93           |             | 199.95         |           |

| Container Type           | METRC Harvest/Processing Lot ID #: |              |                 |                        | Product Type              | Client Sample Name   | Product Date                   | Batch Size (g)           |
|--------------------------|------------------------------------|--------------|-----------------|------------------------|---------------------------|----------------------|--------------------------------|--------------------------|
| Tray                     |                                    |              |                 |                        | Concentrate               | Jager (PHK) FECO     |                                | 2724                     |
| METRC Batch ID           | Product Temp (°C)                  | Humidity (%) | # of Containers | Sample Media           | # Zones                   | # of Inc.            | 1° Sample (g)                  | Sample Name              |
| 1A4010300014ADD000003625 | 74.6                               | 38.1         | 1               | vial                   | 4                         | 8                    | 1                              | Jager (PHK) FECO Primary |
| Lab Sample ID            | Container ID                       |              | Increment Zone  | Sampling Media Wt. (g) | Wt. Inc+Media (g)         | Increment Weight (g) | Sample METRC ID#               |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A1              |                        |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A1              | 0                      |                           | 0.83                 | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A2              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A3              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A3              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A3              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A4              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
| 18FOM28-01               | Jager (PHK) FECO-1                 |              | A4              | 0                      |                           | 0.8                  | 1A4010300014ADD000003626       |                          |
|                          |                                    |              |                 |                        | Total Primary Mass = 6.43 |                      | Primary + Duplicate Mass = 0 g |                          |

| Observations and Abnormalities: | Batch # | Marks/Labels | Cont. Types/Sizes | Uniform | Plant Colors | Shape and Size | Sampling Plan |
|---------------------------------|---------|--------------|-------------------|---------|--------------|----------------|---------------|
|                                 |         |              |                   |         |              |                |               |

| METRC Batch ID           | Product Temp (°C)  | Humidity (%) | # of Containers | Sample Media           | # Zones                     | # of Inc.            | 1° Sample (g)                  | Sample Name                |
|--------------------------|--------------------|--------------|-----------------|------------------------|-----------------------------|----------------------|--------------------------------|----------------------------|
| 1A4010300014ADD000003625 | 74.6               | 38.1         | 1               | vial                   | 4                           | 8                    | 1                              | Jager (PHK) FECO Duplicate |
| Lab Sample ID            | Container ID       |              | Increment Zone  | Sampling Media Wt. (g) | Wt. Inc+Media (g)           | Increment Weight (g) | Sample METRC ID#               |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A1              |                        |                             | 0.81                 | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A1              | 0                      |                             | 0.81                 | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A1              | 0                      |                             | 0.9                  | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A2              | 0                      |                             | 0.81                 | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A3              | 0                      |                             | 0.8                  | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A4              | 0                      |                             | 0.81                 | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A4              | 0                      |                             | 0.8                  | 1A4010300014ADD000003626       |                            |
| 18FOM28-02               | Jager (PHK) FECO-1 |              | A4              | 0                      |                             | 0.8                  | 1A4010300014ADD000003626       |                            |
|                          |                    |              |                 |                        | Total Duplicate Mass = 6.54 |                      | Primary + Duplicate Mass = 0 g |                            |

| Batch # | Marks/Labels | Cont. Types/Sizes | Uniform | Plant Colors | Shape and Size | Sampling Plan |
|---------|--------------|-------------------|---------|--------------|----------------|---------------|
|         |              |                   |         |              |                |               |

|                                 |  |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|
| Observations and Abnormalities: |  |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|

| Container Type | METRC Harvest/Processing Lot ID #: |              |                 |                        | Product Type             | Client Sample Name   | Product Date                   | Batch Size (g)           |
|----------------|------------------------------------|--------------|-----------------|------------------------|--------------------------|----------------------|--------------------------------|--------------------------|
| Tray           |                                    |              |                 |                        | Concentrate              | SFK 56 FECO          |                                | 1A4010300014ADD000003624 |
| METRC Batch ID | Product Temp (°C)                  | Humidity (%) | # of Containers | Sample Media           | # Zones                  | # of Inc.            | 1° Sample (g)                  | Sample Name              |
| 3625           | 74.6                               | 38.1         | 1               | vial                   | 4                        | 8                    | 1                              | SFK 56 FECO Primary      |
| Lab Sample ID  | Container ID                       |              | Increment Zone  | Sampling Media Wt. (g) | Wt. Inc+Media (g)        | Increment Weight (g) | Sample METRC ID#               |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A1              |                        |                          | 0.81                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A1              | 0                      |                          | 0.82                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A1              | 0                      |                          | 0.81                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A2              | 0                      |                          | 0.8                  | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A2              | 0                      |                          | 0.81                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A2              | 0                      |                          | 0.83                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A3              | 0                      |                          | 0.81                 | 1A4010300014ADD000003627       |                          |
| 18FOM28-03     | SFK 56 FECO-1                      |              | A3              | 0                      |                          | 0.81                 | 1A4010300014ADD000003627       |                          |
|                |                                    |              |                 |                        | Total Primary Mass = 6.5 |                      | Primary + Duplicate Mass = 0 g |                          |

| Observations and Abnormalities: | Batch # | Marks/Labels | Cont. Types/Sizes | Uniform | Plant Colors | Shape and Size | Sampling Plan |
|---------------------------------|---------|--------------|-------------------|---------|--------------|----------------|---------------|
|                                 |         |              |                   |         |              |                |               |

| METRC Batch ID | Product Temp (°C) | Humidity (%) | # of Containers | Sample Media           | # Zones           | # of Inc.            | 1° Sample (g)            | Sample Name           |
|----------------|-------------------|--------------|-----------------|------------------------|-------------------|----------------------|--------------------------|-----------------------|
| 3625           | 74.6              | 38.1         | 1               | vial                   | 4                 | 8                    | 1                        | SFK 56 FECO Duplicate |
| Lab Sample ID  | Container ID      |              | Increment Zone  | Sampling Media Wt. (g) | Wt. Inc+Media (g) | Increment Weight (g) | Sample METRC ID#         |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A1              |                        |                   | 0.8                  | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A1              | 0                      |                   | 0.82                 | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A2              | 0                      |                   | 0.8                  | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A2              | 0                      |                   | 0.81                 | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A3              | 0                      |                   | 0.8                  | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A3              | 0                      |                   | 0.8                  | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A3              | 0                      |                   | 0.8                  | 1A4010300014ADD000003627 |                       |
| 18FOM28-04     | SFK 56 FECO-1     |              | A4              | 0                      |                   | 0.8                  | 1A4010300014ADD000003627 |                       |



|                                 |         |              |                   |         | Total Duplicate Mass = 6.43 | Primary + Duplicate Mass = 0 g |               |
|---------------------------------|---------|--------------|-------------------|---------|-----------------------------|--------------------------------|---------------|
| Observations and Abnormalities: | Batch # | Marks/Labels | Cont. Types/Sizes | Uniform | Plant Colors                | Shape and Size                 | Sampling Plan |
|                                 |         |              |                   |         |                             |                                |               |
|                                 |         |              |                   |         |                             |                                |               |

