

Certificate of Analysis

Sample ID: EFF4693
 Report ID: TR-EFF4693

Report Date: 06/29/2020

Test RFID: 1A401030000F105000004693

Client Name:
 Epic Family Farms

License No:
 020-10041847FC2

Date Sampled: 06/24/2020
Sampled by: Wendy Wen
Sample Name: CherryPie (Buds)
Sample Type: Usable Marijuana
Harvest Time: 10/2/2019
Sample Weight: 8.28 g

Description of the sample, sampling condition. Environmental conditions that may impact interpretation of the test result:
 Sample appeared normal. There were no any environmental conditions that may impact interpretation of the test result.

Summary of Test Results

| Items | Value | Pass/Fail |
|--------------------------|------------------|-----------|
| Total THC: | 16.8% | N/A |
| Total CBD: | 4.4% | N/A |
| Water Activity: | 0.491 at 29.7 °C | Pass |
| Moisture Content: | 10.2% | Pass |
| Pesticides: | < LOQ | Pass |

State limit for water activity is 0.65 and 15% for moisture content.

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Moisture Content Analysis

Testing method: SOP-004 Analyzed by: Yujing Wen Analyzed date: 06/25/2020

Batch ID: MC062520

| Analyte | Result |
|---------|--------|
| Water | 10.2% |

Water Activity Analysis

Testing method: SOP-009 Analyzed by: Yujing Wen Analyzed date: 06/27/2020

Batch ID: WA062720

| Analyte | Result | Temperature |
|----------------|--------|-------------|
| Water Activity | 0.491 | 29.7 °C |

Potency Analysis

Testing method: SOP-002 Analyzed by: Yujing Wen Analyzed date: 06/25/2020

Batch ID: PO062520

| Analyte | Result, % | LOQ, % |
|--|-----------|--------|
| THCV | < LOQ | 0.1 |
| CBD | 0.2 | 0.1 |
| CBG | < LOQ | 0.1 |
| CBDA | 4.8 | 0.1 |
| CBN | 0.2 | 0.1 |
| Delta-9 THC | 8.4 | 0.1 |
| Delta-8 THC | < LOQ | 0.1 |
| CBC | < LOQ | 0.1 |
| THCA | 9.5 | 0.1 |
| Total THC: $\Delta 9 + 0.877 \times \text{THCA}$ | 16.8 | N/A |
| Total CBD: $\text{CBD} + 0.877 \times \text{CBDA}$ | 4.4 | N/A |
| Total Cannabinoids: | 23.2 | N/A |

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Pesticide Analysis (Unit: ppm)

Testing method: SOP-010 Analyzed by: Yujing Wen Analyzed date: 06/26/2020

Batch ID PE062620

| Analyte | Result | LOQ | State Action Level |
|----------------------|--------|------|--------------------|
| Abamectin | < LOQ | 0.25 | 0.5 |
| Acephate | < LOQ | 0.20 | 0.4 |
| Acequinocyl | < LOQ | 1.00 | 2.0 |
| Acetamiprid | < LOQ | 0.10 | 0.2 |
| Aldicarb | < LOQ | 0.20 | 0.4 |
| Azoxystrobin | < LOQ | 0.10 | 0.2 |
| Bifenazate | < LOQ | 0.10 | 0.2 |
| Bifenthrin | < LOQ | 0.10 | 0.2 |
| Boscalid | < LOQ | 0.20 | 0.4 |
| Carbaryl | < LOQ | 0.10 | 0.2 |
| Carbofuran | < LOQ | 0.10 | 0.2 |
| Chloranthraniliprole | < LOQ | 0.10 | 0.2 |
| Chlorfenapyr | < LOQ | 1.00 | 1.0 |
| Chlorpyrifos | < LOQ | 0.10 | 0.2 |
| Clofentezine | < LOQ | 0.10 | 0.2 |
| Cyfluthrin | < LOQ | 0.50 | 1.0 |
| Cypermethrin | < LOQ | 0.50 | 1.0 |
| Daminozide | < LOQ | 0.50 | 1.0 |
| DDVP (Dichlorvos) | < LOQ | 0.50 | 1.0 |
| Diazinon | < LOQ | 0.10 | 0.2 |
| Dimethoate | < LOQ | 0.10 | 0.2 |
| Ethoprophos | < LOQ | 0.10 | 0.2 |
| Etofenprox | < LOQ | 0.20 | 0.4 |
| Etoxazole | < LOQ | 0.10 | 0.2 |
| Fenoxycarb | < LOQ | 0.10 | 0.2 |
| Fenpyroximate | < LOQ | 0.20 | 0.4 |
| Fipronil | < LOQ | 0.20 | 0.4 |
| Flonicamid | < LOQ | 0.50 | 1.0 |
| Fludioxonil | < LOQ | 0.20 | 0.4 |
| Hexythiazox | < LOQ | 0.50 | 1.0 |

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| | | | |
|--------------------|-------|------|-----|
| Imazalil | < LOQ | 0.10 | 0.2 |
| Imidacloprid | < LOQ | 0.20 | 0.4 |
| Kresoxim-Methyl | < LOQ | 0.20 | 0.4 |
| Malathion | < LOQ | 0.10 | 0.2 |
| Metalaxyl | < LOQ | 0.10 | 0.2 |
| Methiocarb | < LOQ | 0.10 | 0.2 |
| Methomyl | < LOQ | 0.20 | 0.4 |
| Methyl_Parathion | < LOQ | 0.20 | 0.2 |
| MGK-264 | < LOQ | 0.10 | 0.2 |
| Myclobutanil | < LOQ | 0.10 | 0.2 |
| NALED (Dibrom) | < LOQ | 0.25 | 0.5 |
| Oxamyl | < LOQ | 0.50 | 1.0 |
| Paclobutrazol | < LOQ | 0.20 | 0.4 |
| Permethrins | < LOQ | 0.10 | 0.2 |
| Phosmet | < LOQ | 0.10 | 0.2 |
| Piperonyl_Butoxide | < LOQ | 1.00 | 2.0 |
| Prallethrin | < LOQ | 0.10 | 0.2 |
| Propiconazole | < LOQ | 0.20 | 0.4 |
| Propoxur | < LOQ | 0.10 | 0.2 |
| Pyrethrin | < LOQ | 0.50 | 1.0 |
| Pyridaben | < LOQ | 0.10 | 0.2 |
| Spinosad | < LOQ | 0.10 | 0.2 |
| Spiromesifen | < LOQ | 0.10 | 0.2 |
| Spirotetramat | < LOQ | 0.10 | 0.2 |
| Spiroxamine | < LOQ | 0.20 | 0.4 |
| Tebuconazole | < LOQ | 0.20 | 0.4 |
| Thiacloprid | < LOQ | 0.10 | 0.2 |
| Thiamethoxam | < LOQ | 0.10 | 0.2 |
| Trifloxystrobin | < LOQ | 0.10 | 0.2 |

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Quality Control Results

Potency Analysis

Test Method: SOP-002

| Blank: MBLK-PO062520 | | Date analyzed: 06/25/2020 |
|----------------------|-----------|---------------------------|
| Analyte | Result, % | LOQ, % |
| THCV | < LOQ | 0.1 |
| CBD | < LOQ | 0.1 |
| CBG | < LOQ | 0.1 |
| CBDA | < LOQ | 0.1 |
| CBN | < LOQ | 0.1 |
| Delta-9 THC | < LOQ | 0.1 |
| Delta-8 THC | < LOQ | 0.1 |
| CBC | < LOQ | 0.1 |
| THCA | < LOQ | 0.1 |

| LCS: LCS- PO062520 | | Date analyzed: 06/25/2020 |
|--------------------|------------|---------------------------|
| Analyte | % Recovery | % Recovery Criteria |
| THCV | 89 | 70-130 |
| CBD | 88 | 70-130 |
| CBG | 109 | 70-130 |
| CBDA | 106 | 70-130 |
| CBN | 105 | 70-130 |
| Delta-9 THC | 101 | 70-130 |
| Delta-8 THC | 99 | 70-130 |
| CBC | 83 | 70-130 |
| THCA | 106 | 70-130 |

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Quality Control Results

Pesticide Analysis (Unit: ppm)

Testing method: SOP-010 by LC/MS/MS

| Blank: MBLK-PE062620 | | Date analyzed: 06/26/2020 | |
|----------------------|--------|---------------------------|--------------------|
| Analyte | Result | LOQ | State Action Level |
| Abamectin | < LOQ | 0.25 | 0.5 |
| Acephate | < LOQ | 0.20 | 0.4 |
| Acequinocyl | < LOQ | 1.00 | 2.0 |
| Acetamiprid | < LOQ | 0.10 | 0.2 |
| Aldicarb | < LOQ | 0.20 | 0.4 |
| Azoxystrobin | < LOQ | 0.10 | 0.2 |
| Bifenazate | < LOQ | 0.10 | 0.2 |
| Bifenthrin | < LOQ | 0.10 | 0.2 |
| Boscalid | < LOQ | 0.20 | 0.4 |
| Carbaryl | < LOQ | 0.10 | 0.2 |
| Carbofuran | < LOQ | 0.10 | 0.2 |
| Chloranthraniliprole | < LOQ | 0.10 | 0.2 |
| Chlorfenapyr | < LOQ | 1.00 | 1.0 |
| Chlorpyrifos | < LOQ | 0.10 | 0.2 |
| Clofentezine | < LOQ | 0.10 | 0.2 |
| Cyfluthrin | < LOQ | 0.50 | 1.0 |
| Cypermethrin | < LOQ | 0.50 | 1.0 |
| Daminozide | < LOQ | 0.50 | 1.0 |
| DDVP (Dichlorvos) | < LOQ | 0.50 | 1.0 |
| Diazinon | < LOQ | 0.10 | 0.2 |
| Dimethoate | < LOQ | 0.10 | 0.2 |
| Ethoprophos | < LOQ | 0.10 | 0.2 |
| Etofenprox | < LOQ | 0.20 | 0.4 |
| Etoxazole | < LOQ | 0.10 | 0.2 |
| Fenoxycarb | < LOQ | 0.10 | 0.2 |
| Fenpyroximate | < LOQ | 0.20 | 0.4 |

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| | | | |
|--------------------|-------|------|-----|
| Fipronil | < LOQ | 0.20 | 0.4 |
| Flonicamid | < LOQ | 0.50 | 1.0 |
| Fludioxonil | < LOQ | 0.20 | 0.4 |
| Hexythiazox | < LOQ | 0.50 | 1.0 |
| Imazalil | < LOQ | 0.10 | 0.2 |
| Imidacloprid | < LOQ | 0.20 | 0.4 |
| Kresoxim-Methyl | < LOQ | 0.20 | 0.4 |
| Malathion | < LOQ | 0.10 | 0.2 |
| Metalaxyl | < LOQ | 0.10 | 0.2 |
| Methiocarb | < LOQ | 0.10 | 0.2 |
| Methomyl | < LOQ | 0.20 | 0.4 |
| Methyl_Parathion | < LOQ | 0.20 | 0.2 |
| MGK-264 | < LOQ | 0.10 | 0.2 |
| Myclobutanil | < LOQ | 0.10 | 0.2 |
| NALED (Dibrom) | < LOQ | 0.25 | 0.5 |
| Oxamyl | < LOQ | 0.50 | 1.0 |
| Paclobutrazol | < LOQ | 0.20 | 0.4 |
| Permethrins | < LOQ | 0.10 | 0.2 |
| Phosmet | < LOQ | 0.10 | 0.2 |
| Piperonyl_Butoxide | < LOQ | 1.00 | 2.0 |
| Prallethrin | < LOQ | 0.10 | 0.2 |
| Propiconazole | < LOQ | 0.20 | 0.4 |
| Propoxur | < LOQ | 0.10 | 0.2 |
| Pyrethrin | < LOQ | 0.50 | 1.0 |
| Pyridaben | < LOQ | 0.10 | 0.2 |
| Spinosad | < LOQ | 0.10 | 0.2 |
| Spiromesifen | < LOQ | 0.10 | 0.2 |
| Spirotetramat | < LOQ | 0.10 | 0.2 |
| Spiroxamine | < LOQ | 0.20 | 0.4 |
| Tebuconazole | < LOQ | 0.20 | 0.4 |
| Thiacloprid | < LOQ | 0.10 | 0.2 |
| Thiamethoxam | < LOQ | 0.10 | 0.2 |
| Trifloxystrobin | < LOQ | 0.10 | 0.2 |

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| LCS: LCS-PE062620 | | Date analyzed: 06/26/2020 | | |
|----------------------|------------|---------------------------|------|--------------------|
| Analyte | % Recovery | % Recovery Criteria | LOQ | State Action Level |
| Abamectin | 83 | 10-190 | 0.25 | 0.5 |
| Acephate | 121 | 30-170 | 0.20 | 0.4 |
| Acequinocyl | 128 | 10-190 | 1.00 | 2.0 |
| Acetamiprid | 122 | 30-170 | 0.10 | 0.2 |
| Aldicarb | 103 | 30-170 | 0.20 | 0.4 |
| Azoxystrobin | 102 | 30-170 | 0.10 | 0.2 |
| Bifenazate | 91 | 10-190 | 0.10 | 0.2 |
| Bifenthrin | 81 | 30-170 | 0.10 | 0.2 |
| Boscalid | 106 | 30-170 | 0.20 | 0.4 |
| Carbaryl | 88 | 30-170 | 0.10 | 0.2 |
| Carbofuran | 90 | 30-170 | 0.10 | 0.2 |
| Chloranthraniliprole | 113 | 30-170 | 0.10 | 0.2 |
| Chlorfenapyr | 73 | 10-190 | 1.00 | 1.0 |
| Chlorpyrifos | 85 | 30-170 | 0.10 | 0.2 |
| Clofentezine | 84 | 30-170 | 0.10 | 0.2 |
| Cyfluthrin | 97 | 30-170 | 0.50 | 1.0 |
| Cypermethrin | 115 | 30-170 | 0.50 | 1.0 |
| Daminozide | 137 | 30-170 | 0.50 | 1.0 |
| DDVP (Dichlorvos) | 115 | 30-170 | 0.50 | 1.0 |
| Diazinon | 85 | 30-170 | 0.10 | 0.2 |
| Dimethoate | 94 | 30-170 | 0.10 | 0.2 |
| Ethoprophos | 127 | 30-170 | 0.10 | 0.2 |
| Etofenprox | 88 | 30-170 | 0.20 | 0.4 |
| Etoxazole | 90 | 30-170 | 0.10 | 0.2 |
| Fenoxycarb | 96 | 30-170 | 0.10 | 0.2 |
| Fenpyroximate | 72 | 30-170 | 0.20 | 0.4 |
| Fipronil | 113 | 10-190 | 0.20 | 0.4 |
| Fonicamid | 93 | 10-190 | 0.50 | 1.0 |
| Fludioxonil | 87 | 10-190 | 0.20 | 0.4 |
| Hexythiazox | 112 | 30-170 | 0.50 | 1.0 |
| Imazalil | 83 | 30-170 | 0.10 | 0.2 |
| Imidacloprid | 110 | 30-170 | 0.20 | 0.4 |

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Test RFID: 1A401030000F105000004693

| | | | | |
|--------------------|-----|--------|------|-----|
| Kresoxim-Methyl | 82 | 30-170 | 0.20 | 0.4 |
| Malathion | 85 | 30-170 | 0.10 | 0.2 |
| Metalaxyl | 95 | 30-170 | 0.10 | 0.2 |
| Methiocarb | 85 | 30-170 | 0.10 | 0.2 |
| Methomyl | 113 | 30-170 | 0.20 | 0.4 |
| Methyl_Parathion | 85 | 10-190 | 0.20 | 0.2 |
| MGK-264 | 110 | 10-190 | 0.10 | 0.2 |
| Myclobutanil | 134 | 30-170 | 0.10 | 0.2 |
| NALED (Dibrom) | 84 | 30-170 | 0.25 | 0.5 |
| Oxamyl | 60 | 10-190 | 0.50 | 1.0 |
| Paclobutrazol | 129 | 30-170 | 0.20 | 0.4 |
| Permethrins | 103 | 30-170 | 0.10 | 0.2 |
| Phosmet | 80 | 30-170 | 0.10 | 0.2 |
| Piperonyl_Butoxide | 98 | 30-170 | 1.00 | 2.0 |
| Prallethrin | 86 | 30-170 | 0.10 | 0.2 |
| Propiconazole | 90 | 30-170 | 0.20 | 0.4 |
| Propoxur | 99 | 30-170 | 0.10 | 0.2 |
| Pyrethrin | 122 | 30-170 | 0.50 | 1.0 |
| Pyridaben | 91 | 30-170 | 0.10 | 0.2 |
| Spinosad | 137 | 10-190 | 0.10 | 0.2 |
| Spiromesifen | 74 | 30-170 | 0.10 | 0.2 |
| Spirotetramat | 117 | 30-170 | 0.10 | 0.2 |
| Spiroxamine | 100 | 30-170 | 0.20 | 0.4 |
| Tebuconazole | 105 | 30-170 | 0.20 | 0.4 |
| Thiacloprid | 127 | 30-170 | 0.10 | 0.2 |
| Thiamethoxam | 75 | 30-170 | 0.10 | 0.2 |
| Trifloxystrobin | 91 | 30-170 | 0.10 | 0.2 |

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Attachments:

Note: if answer is Yes for following items, statement is attached. Otherwise, no attachment.

| | |
|--|---|
| Deviation occurred in test? Answer: No | Opinion and interpretation provided? Answer: No |
|--|---|

Comments: "N/A" if there is no comment made
N/A

Shuguo Ma, Ph.D, Quality Manager

Signature:



Date:

29JUN2020

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