

Certificate of Analysis

Sample ID: EFF6209
Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

Client Name:
Epic Family Farms

License No:
020-10041847FC2

Date Sampled: 02/16/2021	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.
Sampled by: Wendy Wen	
Sample Name: GDP x Dos-Si-Do flower (Buds)	
Sample Type: Usable marijuana	
Harvest Time: 10/8/2020	
Sample Weight: 35.03 g	

Summary of Test Results

Items	Value	Pass/Fail
Total THC:	223.2 mg/g	N/A
Total CBD:	30.7 mg/g	N/A
Water Activity:	0.523 at 21.9 °C	Pass
Moisture Content:	10.3%	Pass
Pesticides:	< LOQ	Pass

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

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable. These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Moisture Content Analysis

Testing method: SOP-004 Analyzed by: Yujing Wen Analyzed date: 02/19/2021
Batch ID: MC021921

Analyte	Result
Water	10.3%

Water Activity Analysis

Testing method: SOP-009 Analyzed by: Yujing Wen Analyzed date: 02/18/2021
Batch ID: WA021821

Analyte	Result	Temperature
Water Activity	0.523	21.9 °C

Potency Analysis

Testing method: SOP-002 Analyzed by: Yujing Wen Analyzed date: 02/18/2021
Batch ID: PO021821

Analyte	Result, mg/g	LOQ, %
CBD	6.7	0.1
CBG	16.0	0.1
CBDA	27.4	0.1
CBN	< LOQ	0.1
Delta-9 THC	44.6	0.1
CBC	< LOQ	0.1
THCA	203.6	0.1
Total THC: $\Delta 9 + 0.877 \times \text{THCA}$	223.2	N/A
Total CBD: $\text{CBD} + 0.877 \times \text{CBDA}$	30.7	N/A
Total Cannabinoids:	298.3	N/A

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Sample ID: EFF6209
Report ID: TR-EFF6209

Testing for Compliance

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

Pesticides Analysis (Unit: ppm)

Testing method: SOP-010 Analyzed by: Yujing Wen Analyzed date: 02/18/2021
Batch ID: PE021821

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

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Sample ID: EFF6209
 Report ID: TR-EFF6209

Testing for Compliance

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

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

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
 These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Quality Control Results

Potency Analysis

Test Method: SOP-002 by LC/MS/MS

Blank: MBLK-PO021821		Date analyzed: 02/18/2021
Analyte	Result, %	LOQ, %
CBD	< LOQ	0.1
CBDA	< LOQ	0.1
Delta-9 THC	< LOQ	0.1
THCA	< LOQ	0.1

LCS: LCS- PO021821		Date analyzed: 02/18/2021
Analyte	% Recovery	% Recovery Criteria
CBD	100	70-130
CBDA	91	70-130
Delta-9 THC	103	70-130
THCA	92	70-130

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
 These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Sample ID: EFF6209
Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

Quality Control Results

Pesticide Analysis (Unit: ppm)

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

Blank: MBLK-PE021821		Date analyzed: 02/18/2021	
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

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Sample ID: EFF6209
Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

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

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Sample ID: EFF6209
Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

LCS: LCS-PE021821		Date analyzed: 02/18/2021		
Analyte	% Recovery	% Recovery Criteria	LOQ	State Action Level
Abamectin	99	10-190	0.25	0.5
Acephate	84	30-170	0.20	0.4
Acequinocyl	72	10-190	1.00	2.0
Acetamiprid	106	30-170	0.10	0.2
Aldicarb	102	30-170	0.20	0.4
Azoxystrobin	77	30-170	0.10	0.2
Bifenazate	112	10-190	0.10	0.2
Bifenthrin	72	30-170	0.10	0.2
Boscalid	85	30-170	0.20	0.4
Carbaryl	111	30-170	0.10	0.2
Carbofuran	106	30-170	0.10	0.2
Chloranthraniliprole	82	30-170	0.10	0.2
Chlorfenapyr	76	10-190	1.00	1.0
Chlorpyrifos	50	30-170	0.10	0.2
Clofentezine	101	30-170	0.10	0.2
Cyfluthrin	102	30-170	0.50	1.0
Cypermethrin	113	30-170	0.50	1.0
Daminozide	137	30-170	0.50	1.0
DDVP (Dichlorvos)	77	30-170	0.50	1.0
Diazinon	67	30-170	0.10	0.2
Dimethoate	137	30-170	0.10	0.2
Ethoprophos	96	30-170	0.10	0.2
Etofenprox	60	30-170	0.20	0.4
Etoxazole	46	30-170	0.10	0.2
Fenoxycarb	85	30-170	0.10	0.2
Fenpyroximate	129	30-170	0.20	0.4
Fipronil	81	10-190	0.20	0.4
Fonicamid	125	10-190	0.50	1.0
Fludioxonil	73	10-190	0.20	0.4
Hexythiazox	56	30-170	0.50	1.0
Imazalil	135	30-170	0.10	0.2
Imidacloprid	106	30-170	0.20	0.4

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Testing for Compliance

Sample ID: EFF6209
 Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

Kresoxim-Methyl	112	30-170	0.20	0.4
Malathion	81	30-170	0.10	0.2
Metalaxyl	72	30-170	0.10	0.2
Methiocarb	73	30-170	0.10	0.2
Methomyl	92	30-170	0.20	0.4
Methyl Parathion	119	10-190	0.20	0.2
MGK-264	104	10-190	0.10	0.2
Myclobutanil	113	30-170	0.10	0.2
NALED (Dibrom)	120	30-170	0.25	0.5
Oxamyl	74	10-190	0.50	1.0
Paclobutrazol	135	30-170	0.20	0.4
Permethrins	67	30-170	0.10	0.2
Phosmet	121	30-170	0.10	0.2
Piperonyl Butoxide	75	30-170	1.00	2.0
Prallethrin	101	30-170	0.10	0.2
Propiconazole	103	30-170	0.20	0.4
Propoxur	116	30-170	0.10	0.2
Pyrethrin	97	30-170	0.50	1.0
Pyridaben	104	30-170	0.10	0.2
Spinosad	91	10-190	0.10	0.2
Spiromesifen	62	30-170	0.10	0.2
Spirotetramat	73	30-170	0.10	0.2
Spiroxamine	92	30-170	0.20	0.4
Tebuconazole	114	30-170	0.20	0.4
Thiacloprid	80	30-170	0.10	0.2
Thiamethoxam	120	30-170	0.10	0.2
Trifloxystrobin	56	30-170	0.10	0.2

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
 These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.

Certificate of Analysis

Testing for Compliance

Sample ID: EFF6209
Report ID: TR-EFF6209

Report Date: 02/22/2021

Source RFID: 1A401030000F105000006208

Test RFID: 1A401030000F105000006209

Attachments:

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

<u>Deviation occurred in test?</u> Answer: No	<u>Opinion and interpretation provided?</u> Answer: No
--	---

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

Shuguo Ma, Ph.D, Quality Manager

Signature: 

Date: 22Feb2021

LOQ: the limit of quantitation, which is the lowest amount of analyte in a sample that can be quantitatively determined by an analytical method with a suitable precision and accuracy. N/A: not applicable.
 These results are specific to the sample included in this report. The report may not be reproduced except in full, with written approval from MW Labs.