

Certificate of Analysis

Testing for Compliance

Sample ID: EFF5790
 Report ID: TR-EFF5790

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

Client Name:
 Epic Family Farms

License No:
 020-10041847FC2

Date Sampled: 12/30/2020
Sampled by: Wendy Wen
Sample Name: Bruce Banner (Buds)
Sample Type: Usable marijuana
Harvest Time: 10/22/2020
Sample Weight: 34.45 g

Description of the sample, sampling condition. Environmental conditions that may impact interpretation of the test result:
 Dry usable marijuana. 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:	22.2%	N/A
Total CBD:	< LOQ	N/A
Water Activity:	0.533 at 23.9 °C	Pass
Moisture Content:	10.5%	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.

Certificate of Analysis

Sample ID: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

Moisture Content Analysis

Testing method: SOP-004 Analyzed by: Yujing Wen Analyzed date: 12/31/2020

Batch ID: MC123120

Analyte	Result
Water	10.5%

Water Activity Analysis

Testing method: SOP-009 Analyzed by: Yujing Wen Analyzed date: 12/31/2020

Batch ID: WA123120

Analyte	Result	Temperature
Water Activity	0.533	23.9 °C

Potency Analysis

Testing method: SOP-002 Analyzed by: Yujing Wen Analyzed date: 12/30/2020

Batch ID: PO123020

Analyte	Result, %	LOQ, %
THCV	< LOQ	0.1
CBD	< LOQ	0.1
CBG	2.2	0.1
CBDA	< LOQ	0.1
CBN	< LOQ	0.1
Delta-9 THC	0.6	0.1
Delta-8 THC	< LOQ	0.1
CBC	< LOQ	0.1
THCA	24.7	0.1
Total THC: $\Delta 9 + 0.877 \times \text{THCA}$	22.2	N/A
Total CBD: $\text{CBD} + 0.877 \times \text{CBDA}$	< LOQ	N/A
Total Cannabinoids:	27.5	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: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

Pesticides Analysis (Unit: ppm)

Testing method: SOP-010 Analyzed by: Yujing Wen Analyzed date: 12/30/2020

Batch ID: PE123020

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: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

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-PO123020		Date analyzed: 12/30/2020
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- PO123020		Date analyzed: 12/30/2020
Analyte	% Recovery	% Recovery Criteria
THCV	100	70-130
CBD	100	70-130
CBG	100	70-130
CBDA	99	70-130
CBN	110	70-130
Delta-9 THC	103	70-130
Delta-8 THC	102	70-130
CBC	103	70-130
THCA	82	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: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

Quality Control Results

Pesticide Analysis (Unit: ppm)

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

Blank: MBLK-PE123020		Date analyzed: 12/30/2020	
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

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: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

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: EFF5790
 Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

LCS: LCS-PE123020		Date analyzed: 12/30/2020		
Analyte	% Recovery	% Recovery Criteria	LOQ	State Action Level
Abamectin	45	10-190	0.25	0.5
Acephate	100	30-170	0.20	0.4
Acequinocyl	123	10-190	1.00	2.0
Acetamiprid	64	30-170	0.10	0.2
Aldicarb	118	30-170	0.20	0.4
Azoxystrobin	77	30-170	0.10	0.2
Bifenazate	58	10-190	0.10	0.2
Bifenthrin	127	30-170	0.10	0.2
Boscalid	126	30-170	0.20	0.4
Carbaryl	80	30-170	0.10	0.2
Carbofuran	103	30-170	0.10	0.2
Chloranthraniliprole	76	30-170	0.10	0.2
Chlorfenapyr	71	10-190	1.00	1.0
Chlorpyrifos	94	30-170	0.10	0.2
Clofentezine	134	30-170	0.10	0.2
Cyfluthrin	86	30-170	0.50	1.0
Cypermethrin	119	30-170	0.50	1.0
Daminozide	126	30-170	0.50	1.0
DDVP (Dichlorvos)	84	30-170	0.50	1.0
Diazinon	78	30-170	0.10	0.2
Dimethoate	135	30-170	0.10	0.2
Ethoprophos	84	30-170	0.10	0.2
Etofenprox	52	30-170	0.20	0.4
Etoxazole	73	30-170	0.10	0.2
Fenoxycarb	87	30-170	0.10	0.2
Fenpyroximate	67	30-170	0.20	0.4
Fipronil	105	10-190	0.20	0.4
Fonicamid	118	10-190	0.50	1.0
Fludioxonil	88	10-190	0.20	0.4
Hexythiazox	94	30-170	0.50	1.0
Imazalil	75	30-170	0.10	0.2
Imidacloprid	77	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

Sample ID: EFF5790

Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

Kresoxim-Methyl	54	30-170	0.20	0.4
Malathion	58	30-170	0.10	0.2
Metalaxyl	98	30-170	0.10	0.2
Methiocarb	84	30-170	0.10	0.2
Methomyl	129	30-170	0.20	0.4
Methyl Parathion	79	10-190	0.20	0.2
MGK-264	101	10-190	0.10	0.2
Myclobutanil	121	30-170	0.10	0.2
NALED (Dibrom)	113	30-170	0.25	0.5
Oxamyl	114	10-190	0.50	1.0
Paclobutrazol	93	30-170	0.20	0.4
Permethrins	77	30-170	0.10	0.2
Phosmet	88	30-170	0.10	0.2
Piperonyl Butoxide	44	30-170	1.00	2.0
Prallethrin	89	30-170	0.10	0.2
Propiconazole	106	30-170	0.20	0.4
Propoxur	95	30-170	0.10	0.2
Pyrethrin	66	30-170	0.50	1.0
Pyridaben	84	30-170	0.10	0.2
Spinosad	124	10-190	0.10	0.2
Spiromesifen	49	30-170	0.10	0.2
Spirotetramat	100	30-170	0.10	0.2
Spiroxamine	80	30-170	0.20	0.4
Tebuconazole	95	30-170	0.20	0.4
Thiacloprid	128	30-170	0.10	0.2
Thiamethoxam	78	30-170	0.10	0.2
Trifloxystrobin	44	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

Sample ID: EFF5790
Report ID: TR-EFF5790

Testing for Compliance

Report Date: 01/04/2021

Test RFID: 1A401030000F105000005790

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: 04Jan2021

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.