MW Labs
724 S Central Ave STE 202
Medford OR 97501
(541) 499-6300
License: 1008606C050

Certificate of Analysis

Sample ID: EFF4900
Report ID: TR-EFF4900

Testing for Compliance

Report Date: 09/07/2020

Source RFID: 1A401030000F105000004899

Test RFID: 1A401030000F105000004900

Client Name:
Epic Family Farms

License No:
020-10041847FC2

Date Sampled:	09/02/2020
Sampled by:	Wendy Wen
Sample Name:	Wedding Cake (Buds)
Sample Type:	Usable marijuana
Harvest Time:	7/24/2020
Sample Weight:	28.31 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:	22.9%	N/A
Total CBD:	0.9%	N/A
Water Activity:	0.407 at 25.3 °C	Pass
Moisture Content:	8.9%	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:** 09/04/2020
Batch ID: MC090420

Analyte	Result
Water	8.9%

Water Activity Analysis

Testing method: SOP-009 **Analyzed by:** Yujing Wen **Analyzed date:** 09/03/2020
Batch ID: WA090320

Analyte	Result	Temperature
Water Activity	0.407	25.3 °C

Potency Analysis

Testing method: SOP-002 **Analyzed by:** Yujing Wen **Analyzed date:** 09/03/2020
Batch ID: PO090320

Analyte	Result, %	LOQ, %
THCV	< LOQ	0.10
CBG	< LOQ	0.10
Delta8-THC	< LOQ	0.10
CBC	< LOQ	0.10
CBDA	< LOQ	0.10
CBD	0.9	0.10
CBN	< LOQ	0.10
Delta9-THC	2.9	0.10
THCA	22.8	0.10
Total THC: Δ9+0.877×THCA	22.9	N/A
Total CBD: CBD+0.877×CBDA	0.9	N/A
Total Cannabinoids:	26.6	N/A

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Testing for Compliance

Report Date: 09/07/2020

Source RFID: 1A401030000F105000004899 **Test RFID:** 1A401030000F105000004900

Pesticide Analysis (Unit: ppm)

Testing method: SOP-010 **Analyzed by:** Yujing Wen **Analyzed date:** 09/04/2020

Batch ID PE090420

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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Source RFID: 1A401030000F105000004899
Test RFID: 1A401030000F105000004900

Quality Control Results

Potency Analysis

Test Method: SOP-002

Blank: MBLK-PO090320 **Date analyzed:** 09/03/2020

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- PO090320 **Date analyzed:** 09/03/2020

Analyte	% Recovery	% Recovery Criteria
THCV	111	70-130
CBD	97	70-130
CBG	81	70-130
CBDA	89	70-130
CBN	95	70-130
Delta-9 THC	80	70-130
Delta-8 THC	99	70-130
CBC	102	70-130
THCA	116	70-130

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Report Date: 09/07/2020

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Test RFID: 1A401030000F105000004900

Quality Control Results

Pesticide Analysis (Unit: ppm)

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

Blank: MBLK-PE090420 **Date analyzed:** 09/04/2020

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-PE090420 **Date analyzed:** 09/04/2020

Analyte	% Recovery	% Recovery Criteria	LOQ	State Action Level
Abamectin	125	10-190	0.25	0.5
Acephate	99	30-170	0.20	0.4
Acequinocyl	126	10-190	1.00	2.0
Acetamiprid	115	30-170	0.10	0.2
Aldicarb	109	30-170	0.20	0.4
Azoxystrobin	111	30-170	0.10	0.2
Bifenazate	87	10-190	0.10	0.2
Bifenthrin	89	30-170	0.10	0.2
Boscalid	111	30-170	0.20	0.4
Carbaryl	85	30-170	0.10	0.2
Carbofuran	91	30-170	0.10	0.2
Chloranthraniliprole	81	30-170	0.10	0.2
Chlorfenapyr	83	10-190	1.00	1.0
Chlorpyrifos	81	30-170	0.10	0.2
Clofentezine	84	30-170	0.10	0.2
Cyfluthrin	102	30-170	0.50	1.0
Cypermethrin	78	30-170	0.50	1.0
Daminozide	108	30-170	0.50	1.0
DDVP (Dichlorvos)	84	30-170	0.50	1.0
Diazinon	91	30-170	0.10	0.2
Dimethoate	94	30-170	0.10	0.2
Ethoprophos	119	30-170	0.10	0.2
Etofenprox	113	30-170	0.20	0.4
Etoxazole	80	30-170	0.10	0.2
Fenoxycarb	87	30-170	0.10	0.2
Fenpyroximate	108	30-170	0.20	0.4
Fipronil	84	10-190	0.20	0.4
Flonicamid	114	10-190	0.50	1.0
Fludioxonil	86	10-190	0.20	0.4
Hexythiazox	111	30-170	0.50	1.0
Imazalil	86	30-170	0.10	0.2

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Imidacloprid	103	30-170	0.20	0.4
Kresoxim-Methyl	101	30-170	0.20	0.4
Malathion	94	30-170	0.10	0.2
Metalaxyl	89	30-170	0.10	0.2
Methiocarb	88	30-170	0.10	0.2
Methomyl	118	30-170	0.20	0.4
Methyl_Parathion	88	10-190	0.20	0.2
MGK-264	128	10-190	0.10	0.2
Myclobutanil	129	30-170	0.10	0.2
NALED (Dibrom)	89	30-170	0.25	0.5
Oxamyl	60	10-190	0.50	1.0
Paclobutrazol	111	30-170	0.20	0.4
Permethrins	125	30-170	0.10	0.2
Phosmet	83	30-170	0.10	0.2
Piperonyl_Butoxide	115	30-170	1.00	2.0
Prallethrin	84	30-170	0.10	0.2
Propiconazole	90	30-170	0.20	0.4
Propoxur	94	30-170	0.10	0.2
Pyrethrin	136	30-170	0.50	1.0
Pyridaben	89	30-170	0.10	0.2
Spinosad	109	10-190	0.10	0.2
Spiromesifen	81	30-170	0.10	0.2
Spirotetramat	124	30-170	0.10	0.2
Spiroxamine	106	30-170	0.20	0.4
Tebuconazole	106	30-170	0.20	0.4
Thiacloprid	111	30-170	0.10	0.2
Thiamethoxam	77	30-170	0.10	0.2
Trifloxystrobin	107	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?	Opinion and interpretation provided?
Answer:	**Answer:**
No	No

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

Shuguo Ma, Ph.D, Quality Manager

Signature:

Date: 07Sep2020

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