

Certificate of Analysis

Sample ID: EFF5958
Report ID: TR-EFF5958

Report Date: 02/01/2021

Test RFID: 1A401030000F105000005958

Client Name:
Epic Family Farms

License No:
020-10041847FC2

Date Sampled: 01/25/2021
Sampled by: Wendy Wen
Sample Name: Mac #1 (Buds)
Sample Type: Usable marijuana
Harvest Time: 10/29/2020
Sample Weight: 34.33 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:	22.9%	N/A
Total CBD:	< LOQ	N/A
Water Activity:	0.523 at 22.9 °C	Pass
Moisture Content:	10.3%	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: 01/26/2021
 Batch ID: MC012621

Analyte	Result
Water	10.3%

Water Activity Analysis

Testing method: SOP-009 Analyzed by: Yujing Wen Analyzed date: 01/26/2021
 Batch ID: WA012621

Analyte	Result	Temperature
Water Activity	0.523	22.9 °C

Potency Analysis

Testing method: SOP-002 Analyzed by: Yujing Wen Analyzed date: 01/26/2021
 Batch ID: PO012621

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	1.0	0.1
Delta-8 THC	< LOQ	0.1
CBC	< LOQ	0.1
THCA	25.1	0.1
Total THC: $\Delta_9+0.877 \times \text{THCA}$	22.9	N/A
Total CBD: $\text{CBD}+0.877 \times \text{CBDA}$	< LOQ	N/A
Total Cannabinoids:	26.0	N/A

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Pesticides Analysis (Unit: ppm)

Testing method: SOP-010 Analyzed by: Yujing Wen Analyzed date: 01/26/2021
 Batch ID: PE012621

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 by LC/MS/MS

Blank: MBLK-PO012621		Date analyzed: 01/26/2021
Analyte	Result, %	LOQ, %
CBD	< LOQ	0.1
CBDA	< LOQ	0.1
Delta-9 THC	< LOQ	0.1
THCA	< LOQ	0.1

LCS: LCS- PO012621		Date analyzed: 01/26/2021
Analyte	% Recovery	% Recovery Criteria
CBD	99	70-130
CBDA	102	70-130
Delta-9 THC	99	70-130
THCA	96	70-130

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Quality Control Results

Pesticide Analysis (Unit: ppm)

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

Blank: MBLK-PE012621		Date analyzed: 01/26/2021	
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

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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-PE012621		Date analyzed: 01/26/2021		
Analyte	% Recovery	% Recovery Criteria	LOQ	State Action Level
Abamectin	134	10-190	0.25	0.5
Acephate	105	30-170	0.20	0.4
Acequinocyl	86	10-190	1.00	2.0
Acetamiprid	102	30-170	0.10	0.2
Aldicarb	120	30-170	0.20	0.4
Azoxystrobin	79	30-170	0.10	0.2
Bifenazate	82	10-190	0.10	0.2
Bifenthrin	120	30-170	0.10	0.2
Boscalid	107	30-170	0.20	0.4
Carbaryl	76	30-170	0.10	0.2
Carbofuran	83	30-170	0.10	0.2
Chloranthraniliprole	82	30-170	0.10	0.2
Chlorfenapyr	122	10-190	1.00	1.0
Chlorpyrifos	71	30-170	0.10	0.2
Clofentezine	113	30-170	0.10	0.2
Cyfluthrin	100	30-170	0.50	1.0
Cypermethrin	111	30-170	0.50	1.0
Daminozide	126	30-170	0.50	1.0
DDVP (Dichlorvos)	92	30-170	0.50	1.0
Diazinon	63	30-170	0.10	0.2
Dimethoate	91	30-170	0.10	0.2
Ethoprophos	55	30-170	0.10	0.2
Etofenprox	53	30-170	0.20	0.4
Etoxazole	56	30-170	0.10	0.2
Fenoxycarb	82	30-170	0.10	0.2
Fenpyroximate	55	30-170	0.20	0.4
Fipronil	87	10-190	0.20	0.4
Flonicamid	99	10-190	0.50	1.0
Fludioxonil	67	10-190	0.20	0.4
Hexythiazox	71	30-170	0.50	1.0
Imazalil	76	30-170	0.10	0.2
Imidacloprid	82	30-170	0.20	0.4

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Kresoxim-Methyl	62	30-170	0.20	0.4
Malathion	82	30-170	0.10	0.2
Metalaxyl	66	30-170	0.10	0.2
Methiocarb	67	30-170	0.10	0.2
Methomyl	105	30-170	0.20	0.4
Methyl Parathion	67	10-190	0.20	0.2
MGK-264	74	10-190	0.10	0.2
Myclobutanil	98	30-170	0.10	0.2
NALED (Dibrom)	129	30-170	0.25	0.5
Oxamyl	124	10-190	0.50	1.0
Paclobutrazol	66	30-170	0.20	0.4
Permethrins	79	30-170	0.10	0.2
Phosmet	83	30-170	0.10	0.2
Piperonyl Butoxide	44	30-170	1.00	2.0
Prallethrin	95	30-170	0.10	0.2
Propiconazole	94	30-170	0.20	0.4
Propoxur	87	30-170	0.10	0.2
Pyrethrin	90	30-170	0.50	1.0
Pyridaben	72	30-170	0.10	0.2
Spinosad	130	10-190	0.10	0.2
Spiromesifen	62	30-170	0.10	0.2
Spirotetramat	100	30-170	0.10	0.2
Spiroxamine	81	30-170	0.20	0.4
Tebuconazole	82	30-170	0.20	0.4
Thiacloprid	86	30-170	0.10	0.2
Thiamethoxam	105	30-170	0.10	0.2
Trifloxystrobin	51	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
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Comments: "N/A" if there is no comment made
N/A

Shuguo Ma, Ph.D, Quality Manager

Signature: 

Date: 01Feb2021

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