

**Certificate of Analysis**

Sample ID: EFF6283  
Report ID: TR-EFF6283

**Testing for Compliance**

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006282

Test RFID: 1A401030000F105000006283

License No:  
020-10041847FC2

<p><b>Date Sampled:</b> 03/16/2021</p> <p><b>Sampled by:</b> Wendy Wen</p> <p><b>Sample Name:</b> Lemon Kush – Flower (Buds)</p> <p><b>Sample Type:</b> Usable marijuana</p> <p><b>Harvest Time:</b> 10/28/2020</p> <p><b>Sample Weight:</b> 34.23 g</p>	<p><b>Description of the sample, sampling condition. Environmental conditions that may impact interpretation of the test result:</b></p> <p>Sample appeared normal. There were no any environmental conditions that may impact interpretation of the test result.</p>
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**Summary of Test Results**

Items	Value	Pass/Fail
<b>Total THC:</b>	225.2 mg/g	N/A
<b>Total CBD:</b>	39.8 mg/g	N/A
<b>Water Activity:</b>	0.476 at 22.8 °C	Pass
<b>Moisture Content:</b>	9.7%	Pass
<b>Pesticides:</b>	< 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: 03/19/2021  
Batch ID: MC031921

Analyte	Result
Water	9.7%

**Water Activity Analysis**

Testing method: SOP-009      Analyzed by: Yujing Wen      Analyzed date: 03/18/2021  
Batch ID: WA031821

Analyte	Result	Temperature
Water Activity	0.476	22.8 °C

**Potency Analysis**

Testing method: SOP-002      Analyzed by: Yujing Wen      Analyzed date: 03/18/2021  
Batch ID: PO031821

Analyte	Result, mg/g	LOQ, %
CBDA	43.5	0.1
CBD	1.6	0.1
CBG	< LOQ	0.1
CBN	< LOQ	0.1
Delta-9 THC	31.7	0.1
CBC	< LOQ	0.1
THCA	220.6	0.1
Total THC: $\Delta 9 + 0.877 \times \text{THCA}$	225.2	N/A
Total CBD: $\text{CBD} + 0.877 \times \text{CBDA}$	39.8	N/A
Total Cannabinoids:	297.4	N/A

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**Pesticides Analysis (Unit: ppm)**

Testing method: SOP-010    Analyzed by: Yujing Wen    Analyzed date: 03/18/2021  
Batch ID: PE031821

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-PO031821		Date analyzed: 03/18/2021
Analyte	Result, %	LOQ, %
CBD	< LOQ	0.1
CBDA	< LOQ	0.1
Delta-9 THC	< LOQ	0.1
THCA	< LOQ	0.1

LCS: LCS- PO031821		Date analyzed: 03/18/2021
Analyte	% Recovery	% Recovery Criteria
CBD	103	70-130
CBDA	97	70-130
Delta-9 THC	103	70-130
THCA	97	70-130

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Quality Control Results

Pesticide Analysis (Unit: ppm)

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

Blank: MBLK-PE031821		Date analyzed: 03/18/2021	
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

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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-PE031821		Date analyzed: 03/18/2021		
Analyte	% Recovery	% Recovery Criteria	LOQ	State Action Level
Abamectin	116	10-190	0.25	0.5
Acephate	100	30-170	0.20	0.4
Acequinocyl	121	10-190	1.00	2.0
Acetamiprid	134	30-170	0.10	0.2
Aldicarb	69	30-170	0.20	0.4
Azoxystrobin	76	30-170	0.10	0.2
Bifenazate	89	10-190	0.10	0.2
Bifenthrin	138	30-170	0.10	0.2
Boscalid	98	30-170	0.20	0.4
Carbaryl	126	30-170	0.10	0.2
Carbofuran	131	30-170	0.10	0.2
Chloranthraniliprole	93	30-170	0.10	0.2
Chlorfenapyr	87	10-190	1.00	1.0
Chlorpyrifos	88	30-170	0.10	0.2
Clofentezine	90	30-170	0.10	0.2
Cyfluthrin	87	30-170	0.50	1.0
Cypermethrin	128	30-170	0.50	1.0
Daminozide	118	30-170	0.50	1.0
DDVP (Dichlorvos)	134	30-170	0.50	1.0
Diazinon	111	30-170	0.10	0.2
Dimethoate	88	30-170	0.10	0.2
Ethoprophos	134	30-170	0.10	0.2
Etofenprox	65	30-170	0.20	0.4
Etoxazole	77	30-170	0.10	0.2
Fenoxycarb	85	30-170	0.10	0.2
Fenpyroximate	101	30-170	0.20	0.4
Fipronil	72	10-190	0.20	0.4
Fonicamid	122	10-190	0.50	1.0
Fludioxonil	98	10-190	0.20	0.4
Hexythiazox	95	30-170	0.50	1.0
Imazalil	104	30-170	0.10	0.2
Imidacloprid	72	30-170	0.20	0.4

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Kresoxim-Methyl	110	30-170	0.20	0.4
Malathion	85	30-170	0.10	0.2
Metalaxyl	138	30-170	0.10	0.2
Methiocarb	104	30-170	0.10	0.2
Methomyl	131	30-170	0.20	0.4
Methyl Parathion	110	10-190	0.20	0.2
MGK-264	112	10-190	0.10	0.2
Myclobutanil	108	30-170	0.10	0.2
NALED (Dibrom)	124	30-170	0.25	0.5
Oxamyl	91	10-190	0.50	1.0
Paclobutrazol	97	30-170	0.20	0.4
Permethrins	63	30-170	0.10	0.2
Phosmet	90	30-170	0.10	0.2
Piperonyl Butoxide	59	30-170	1.00	2.0
Prallethrin	67	30-170	0.10	0.2
Propiconazole	116	30-170	0.20	0.4
Propoxur	72	30-170	0.10	0.2
Pyrethrin	104	30-170	0.50	1.0
Pyridaben	134	30-170	0.10	0.2
Spinosad	89	10-190	0.10	0.2
Spiromesifen	99	30-170	0.10	0.2
Spirotetramat	82	30-170	0.10	0.2
Spiroxamine	122	30-170	0.20	0.4
Tebuconazole	96	30-170	0.20	0.4
Thiacloprid	95	30-170	0.10	0.2
Thiamethoxam	81	30-170	0.10	0.2
Trifloxystrobin	90	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? <b>Answer:</b> No	Opinion and interpretation provided? <b>Answer:</b> No
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**Comments:** "N/A" if there is no comment made  
N/A

Shuguo Ma, Ph.D, Quality Manager

Signature:



Date:

22Mar2021

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