

Certificate of Analysis

Sample ID: EFF6278
 Report ID: TR-EFF6278

Testing for Compliance

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

License No:
 020-10041847FC2

<p>Date Sampled: 03/16/2021</p> <p>Sampled by: Wendy Wen</p> <p>Sample Name: Chem 4 OG – Flower (Buds)</p> <p>Sample Type: Usable marijuana</p> <p>Harvest Time: 10/15/2020</p> <p>Sample Weight: 35.21 g</p>	<p>Description of the sample, sampling condition. Environmental conditions that may impact interpretation of the test result:</p> <p>Sample appeared normal. There were no any environmental conditions that may impact interpretation of the test result.</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Summary of Test Results

Items	Value	Pass/Fail
Total THC:	228.7 mg/g	N/A
Total CBD:	35.8 mg/g	N/A
Water Activity:	0.489 at 22.8 °C	Pass
Moisture Content:	9.9%	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: EFF6278
Report ID: TR-EFF6278

Testing for Compliance

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

Moisture Content Analysis

Testing method: SOP-004 Analyzed by: Yujing Wen Analyzed date: 03/19/2021
Batch ID: MC031921

Analyte	Result
Water	9.9%

Water Activity Analysis

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

Analyte	Result	Temperature
Water Activity	0.489	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	40.8	0.1
CBD	< LOQ	0.1
CBG	< LOQ	0.1
CBN	2.3	0.1
Delta-9 THC	27.5	0.1
CBC	< LOQ	0.1
THCA	229.4	0.1
Total THC: $\Delta 9 + 0.877 \times \text{THCA}$	228.7	N/A
Total CBD: $\text{CBD} + 0.877 \times \text{CBDA}$	35.8	N/A
Total Cannabinoids:	300.0	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: EFF6278
Report ID: TR-EFF6278

Testing for Compliance

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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

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: EFF6278
 Report ID: TR-EFF6278

Testing for Compliance

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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-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

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: EFF6278
Report ID: TR-EFF6278

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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

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: EFF6278
Report ID: TR-EFF6278

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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: EFF6278
Report ID: TR-EFF6278

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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

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: EFF6278
Report ID: TR-EFF6278

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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

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: EFF6278
Report ID: TR-EFF6278

Testing for Compliance

Report Date: 03/22/2021

Source RFID: 1A401030000F105000006277

Test RFID: 1A401030000F105000006278

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: 22Mar2021

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.