

Prepared for: **FAT FLOWER, LLC**
**& ROCKY MOUNTAIN
 EXTRACTION SERVICES LLC**
LB-O-60237 (RELAX 1000MG)


 Batch ID or Lot Number: **BH-8672-09** Test: **Potency** Reported: **3/2/22**


 Matrix: Test ID: Started: USDA License:
 Unit T000194960 3/1/22 N/A

 Status: Method: Received: Sampler ID:
 N/A TM14 (HPLC-DAD): Potency -
 Standard Cannabinoid Analysis 02/25/2022 @ 01:19 PM N/A

CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	3.794	12.984	ND	ND	# of Servings = 1 Sample Weight=28.4g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	4.282	14.655	32.455	1.14	
Cannabidiolic acid (CBDA)	5.932	15.631	ND	ND	
Cannabidiol (CBD)	5.783	15.240	1016.578	35.80	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	4.715	16.137	ND	ND	
Cannabinolic Acid (CBNA)	2.700	9.241	ND	ND	
Cannabinol (CBN)	1.235	4.227	1.447*	0.05*	
Cannabigerolic acid (CBGA)	3.957	13.545	ND	ND	
Cannabigerol (CBG)	0.947	3.240	22.765	0.80	
Tetrahydrocannabivarinic Acid (THCVA)	3.346	11.453	ND	ND	
Tetrahydrocannabivarin (THCV)	0.861	2.947	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.474	6.520	ND	ND	
Cannabidivarin (CBDV)	1.368	3.604	3.527*	0.12*	
Cannabichromenic Acid (CBCA)	1.525	5.220	ND	ND	
Cannabichromene (CBC)	1.667	5.707	39.542	1.39	
Total Cannabinoids			1116.314	39.31	
Total Potential THC**			32.455	1.14	
Total Potential CBD**			1016.578	35.80	


 Daniel Weidensaul
 02-Mar-2022
 05:20 PM


 Ryan Weems
 2-Mar-22
 5:25 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

Prepared for: **FAT FLOWER, LLC**
& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC

LB-O-60237 (RELAX 1000MG)

Batch ID:	BH-8672-09	Test ID:	T000194961
Matrix:	General/Other	Received:	02/25/2022 @ 01:19 PM
Test:	Microbial Contaminants	Started:	2/28/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	3/3/2022

MICROBIAL CONTAMINANTS



Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation**FINAL APPROVAL**
Brianne Maillot
3/3/2022
11:36:00 AM
Jackson Osaghae-Nosa
3/3/2022
1:46:00 PM

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Certificate #4329.03

Prepared for: **FAT FLOWER, LLC**
& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC

LD-O-00151 CBD DISTILLATE (RELAX)

Batch ID:		Test ID:	T000148873
Type:	Concentrate	Submitted:	06/29/2021 @ 10:08 AM
Test:	Pesticides	Started:	7/1/2021
Method:	TM17	Reported:	7/2/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	45 - 2389	ND*	Malathion	292 - 2389	ND*
Acetamiprid	45 - 2389	ND*	Metalaxyl	49 - 2389	ND*
Abamectin	>313	ND*	Methiocarb	47 - 2389	ND*
Azoxystrobin	44 - 2389	ND*	Methomyl	43 - 2389	ND*
Bifenazate	43 - 2389	ND*	MGK 264 1	171 - 2389	ND*
Boscalid	58 - 2389	ND*	MGK 264 2	120 - 2389	ND*
Carbaryl	42 - 2389	ND*	Myclobutanil	39 - 2389	ND*
Carbofuran	43 - 2389	ND*	Naled	50 - 2389	ND*
Chlorantraniliprole	42 - 2389	ND*	Oxamyl	46 - 2389	ND*
Chlorpyrifos	61 - 2389	ND*	Pacllobutrazol	48 - 2389	ND*
Clofentezine	290 - 2389	ND*	Permethrin	282 - 2389	ND*
Diazinon	291 - 2389	ND*	Phosmet	43 - 2389	ND*
Dichlorvos	>286	ND*	Prophos	308 - 2389	ND*
Dimethoate	45 - 2389	ND*	Propoxur	46 - 2389	ND*
E-Fenpyroximate	277 - 2389	ND*	Pyridaben	277 - 2389	ND*
Etofenprox	41 - 2389	ND*	Spinosad A	30 - 2389	ND*
Etoxazole	290 - 2389	ND*	Spinosad D	80 - 2389	ND*
Fenoxycarb	>45	ND*	Spiromesifen	>276	ND*
Fipronil	53 - 2389	ND*	Spirotetramat	>269	ND*
Flonicamid	40 - 2389	ND*	Spiroxamine 1	21 - 2389	ND*
Fludioxonil	>324	ND*	Spiroxamine 2	24 - 2389	ND*
Hexythiazox	44 - 2389	ND*	Tebuconazole	270 - 2389	ND*
Imazalil	292 - 2389	ND*	Thiacloprid	47 - 2389	ND*
Imidacloprid	45 - 2389	ND*	Thiamethoxam	45 - 2389	ND*
Kresoxim-methyl	50 - 2389	ND*	Trifloxystrobin	45 - 2389	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Taylor Brevik
 2-Jul-2021
 8:48 AM


 Michele Gagnon
 2-Jul-2021
 8:50 AM

PREPARED BY / DATE

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Prepared for: **FAT FLOWER, LLC**
& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC

LD-O-00151 CBD DISTILLATE (RELAX)

Batch ID:		Test ID:	T000148875
Type:	Concentrate	Submitted:	06/29/2021 @ 10:08 AM
Test:	Residual Solvents	Started:	7/1/2021
Method:	TM04	Reported:	7/1/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	85 - 1703	*ND
Butanes (Isobutane, n-Butane)	168 - 3368	*ND
Methanol	68 - 1357	*ND
Pentane	96 - 1913	*ND
Ethanol	100 - 1998	*ND
Acetone	109 - 2185	*ND
Isopropyl Alcohol	116 - 2321	*ND
Hexane	7 - 132	*ND
Ethyl Acetate	110 - 2192	*ND
Benzene	0.2 - 4.4	*ND
Heptanes	104 - 2073	*ND
Toluene	20 - 392	*ND
Xylenes (m,p,o-Xylenes)	141 - 2828	*ND


* ND = None Detected (Defined by Dynamic Range of the method)

 NOTES:
 N/A

FINAL APPROVAL


 Daniel Weidensaul
 1-Jul-2021
 4:19 PM

PREPARED BY / DATE


 Ryan Weems
 1-Jul-2021
 4:21 PM

APPROVED BY / DATE

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Certificate #4329.02

Prepared for: **FAT FLOWER, LLC**
& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC


LD-O-00151 CBD DISTILLATE (RELAX)

Batch ID:	N/A	Test ID:	t000148874
Type:	Concentrate	Submitted:	06/29/2021 @ 10:08 AM
Test:	Metals	Started:	7/2/2021
Method:	TM19	Reported:	7/6/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.048 - 4.84	ND
Cadmium	0.046 - 4.62	ND
Mercury	0.046 - 4.56	ND
Lead	0.047 - 4.67	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL
Michele Gagnon
6-Jul-2021
2:18 PM

PREPARED BY / DATE


Ryan Weems
6-Jul-2021
2:20 PM

APPROVED BY / DATE

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Prepared for: FAT FLOWER, LLC


**& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC**


LD-O-00151 CBD DISTILLATE (RELAX)

Batch ID or Lot Number: LD-O-00151	Test: Mycotoxins	Reported: 7/13/21	
Matrix: Concentrate	Test ID: T000149552	Started: 7/9/21	USDA License: N/A
Status: N/A	Methods: TM19: Mycotoxins (Colorado Compliant)	Received: 07/01/2021 @ 11:31 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.9 - 407.8	ND	N/A
Aflatoxin B1	4.2 - 98.1	ND	
Aflatoxin B2	4.1 - 99.6	ND	
Aflatoxin G1	4.4 - 99.8	ND	
Aflatoxin G2	4.1 - 97	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

 Alex Smith
7/12/2021
9:31:00 AM

 Sam Smith
7/13/2021
11:36:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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