

Prepared for: **FAT FLOWER, LLC**
**& ROCKY MOUNTAIN
 EXTRACTION SERVICES LLC**
LB-O-60240 (BLISS 2000MG)


 Batch ID or Lot Number: **BH-7070-02** Test: **Potency** Reported: **3/4/22**


 Matrix: Test ID: Started: USDA License:
 Unit T000195710 3/3/22 N/A

 Status: Method: Received: Sampler ID:
 N/A TM14 (HPLC-DAD): Potency -
 Standard Cannabinoid Analysis 03/01/2022 @ 09:56 AM N/A

CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	4.534	13.211	ND	ND	0 # of Servings = 1 Sample Weight=28.4g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	5.117	14.911	49.743	1.75	
Cannabidiolic acid (CBDA)	5.171	15.614	27.870	0.98	
Cannabidiol (CBD)	5.042	15.224	1225.229	43.14	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.634	16.418	ND	ND	
Cannabinolic Acid (CBNA)	3.227	9.402	ND	ND	
Cannabinol (CBN)	1.476	4.301	ND	ND	
Cannabigerolic acid (CBGA)	4.729	13.781	ND	ND	
Cannabigerol (CBG)	1.131	3.297	73.541	2.59	
Tetrahydrocannabivarinic Acid (THCVA)	3.999	11.653	ND	ND	
Tetrahydrocannabivarin (THCV)	1.029	2.999	45.093	1.59	
Cannabidivarinic Acid (CBDVA)	2.157	6.513	28.524	1.00	
Cannabidivarin (CBDV)	1.192	3.601	876.453	30.86	
Cannabichromenic Acid (CBCA)	1.823	5.311	ND	ND	
Cannabichromene (CBC)	1.993	5.806	58.944	2.08	
Total Cannabinoids			2385.397	83.99	
Total Potential THC**			49.743	1.75	
Total Potential CBD**			1249.671	44.00	


 Ryan Weems
 04-Mar-2022
 02:00 PM


 Daniel Weidensaul
 4-Mar-22
 2:07 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.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (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-60240 (BLISS 2000MG)

Batch ID or Lot Number: BH-7070-02	Test: Microbial Contaminants	Reported: 07Mar2022	USDA License: NA
Matrix: General/Other	Test ID: T000195711	Started: 01Mar2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 01Mar2022	Status: NA

Microbial

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
04Mar2022
04:52:00 PM MST

PREPARED BY / DATE



Brianne Maillot
04Mar2022
04:58:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/94d82e37-a683-4bbe-bd77-dca51caa16a2>

Definitions

* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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Prepared for: **FAT FLOWER, LLC**
**& ROCKY MOUNTAIN
 EXTRACTION SERVICES LLC**
LD-O-00182 CBD/CBDV DISTILLATE (BLISS)


 Batch ID or Lot Number: **BH-7990-02** Test: **Pesticides** Reported: **11/2/21**


Matrix: Concentrate Test ID: T000172666 Started: 11/1/21 USDA License: N/A

Status: N/A Method: TM17(LC-QQQ LC MS/MS): Received: 10/28/2021 @ 10:15 AM Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	49	ND	Fenoxycarb	47	ND	Paclobutrazol	51	ND
Acetamiprid	45	ND	Fipronil	49	ND	Permethrin	302	ND
Avermectin	311	ND	Flonicamid	52	ND	Phosmet	46	ND
Azoxystrobin	43	ND	Fludioxonil	322	ND	Prophos	278	ND
Bifenazate	42	ND	Hexythiazox	47	ND	Propoxur	44	ND
Boscalid	47	ND	Imazalil	307	ND	Pyridaben	280	ND
Carbaryl	44	ND	Imidacloprid	51	ND	Spinosad A	32	ND
Carbofuran	48	ND	Kresoxim-methyl	150	ND	Spinosad D	58	ND
Chlorantraniliprole	59	ND	Malathion	304	ND	Spiromesifen	308	ND
Chlorpyrifos	500	ND	Metalaxyl	48	ND	Spirotetramat	309	ND
Clofentezine	302	ND	Methiocarb	49	ND	Spiroxamine 1	24	ND
Diazinon	309	ND	Methomyl	55	ND	Spiroxamine 2	29	ND
Dichlorvos	322	ND	MGK 264 1	188	ND	Tebuconazole	309	ND
Dimethoate	45	ND	MGK 264 2	127	ND	Thiacloprid	45	ND
E-Fenpyroximate	284	ND	Myclobutanil	45	ND	Thiamethoxam	48	ND
Etofenprox	40	ND	Naled	49	ND	Trifloxystrobin	45	ND
Etoxazole	314	ND	Oxamyl	1500	ND			


 Sam Smith
 11/2/2021
 4:32:00 PM


 Daniel Weidensaul
 11/2/2021
 4:55:00 PM

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APPROVED BY / DATE

Definitions

 LOQ = Limit of Quantification
 ppb = Parts per Billion

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Prepared for: **FAT FLOWER, LLC**
& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC
LD-O-00182 CBD/CBDV DISTILLATE (BLISS)

 Batch ID or Lot Number: **BH-7990-02** Test: **Residual Solvents** Reported: **10/29/21**

Matrix: N/A Test ID: T000172669 Started: 10/29/21 USDA License: N/A

Status: N/A Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel) Received: 10/28/2021 @ 10:15 AM Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1604	*ND	
Butanes (Isobutane, n-Butane)	159 - 3172	*ND	
Methanol	60 - 1196	*ND	
Pentane	87 - 1740	*ND	
Ethanol	96 - 1916	*ND	
Acetone	94 - 1886	*ND	
Isopropyl Alcohol	101 - 2024	*ND	
Hexane	5 - 102	*ND	
Ethyl Acetate	96 - 1919	*ND	
Benzene	0.2 - 3.9	*ND	
Heptanes	91 - 1818	*ND	
Toluene	17 - 342	*ND	
Xylenes (m,p,o-Xylenes)	128 - 2568	*ND	


 Hannah Wright
 29-Oct-21
 5:53 PM

PREPARED BY / DATE


 Ryan Weems
 29-Oct-21
 5:55 PM

APPROVED BY / DATE

Definitions

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

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& ROCKY MOUNTAIN
EXTRACTION SERVICES LLC
LD-O-00182 CBD/CBDV DISTILLATE (BLISS)

 Batch ID or Lot Number: **BH-7990-02** Test: **Metals** Reported: **11/1/21**

Matrix: Other Test ID: T000172668 Started: 10/29/21 USDA License: N/A


Status: N/A Method: TM19 (ICP-MS); Heavy Metals (Colorado Panel) Received: 10/28/2021 @ 10:15 AM Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.045 - 4.47	ND	
Cadmium	0.046 - 4.57	ND	
Mercury	0.045 - 4.47	ND	
Lead	0.046 - 4.59	ND	


 Ryan Weems
 1-Nov-21
 11:56 AM

PREPARED BY / DATE


 Daniel Weidensaul
 1-Nov-21
 12:52 PM

APPROVED BY / DATE

Definitions

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

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Prepared for: **FAT FLOWER, LLC**
**& ROCKY MOUNTAIN
 EXTRACTION SERVICES LLC**
LD-O-00182 CBD/CBDV DISTILLATE (BLISS)


Batch ID or Lot Number: BH-7990-02	Test: Mycotoxins	Reported: 11/3/21
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Matrix: Concentrate	Test ID: T000172670	Started: 11/2/21	USDA License: N/A
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Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 10/28/2021 @ 10:15 AM	Sampler ID: N/A
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MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.3 - 123	ND	N/A
Aflatoxin B1	1.1 - 31.5	ND	
Aflatoxin B2	0.9 - 32.4	ND	
Aflatoxin G1	1.2 - 32.1	ND	
Aflatoxin G2	1.1 - 30	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


 Ryan Weems
 3-Nov-21
 1:10 PM


 Sam Smith
 3-Nov-21
 1:13 PM

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Definitions

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

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