



CERTIFICATE OF COMPLIANCE

Material:

Organic Full Spectrum Extract

Lot # LE-O-00713

Manufacture Date:

8/26/2021

Potency	Results	Specification	Units	Lab/Method
THC<5%	PASS	THC<5%	%	Botanacor/TM14
CBD	64.62%	No Spec	%	Botanacor/TM14
THC	2.02%	THC<5%	%	Botanacor/TM14
Heavy Metals	Results	Specification	Units	Lab/Method
Arsenic	ND	<.05	ppb	Botanacor/TM19
Cadmium	ND	<.05	ppb	Botanacor/TM19
Lead	ND	<.05	ppb	Botanacor/TM19
Mercury	ND	<.05	ppb	Botanacor/TM19
Microbial	Results	Specification	Units	Lab/Method
Total Aerobic Count	ND	Non-Detect	(CFU/g)	Botanacor/TM24-28
Total Coliforms	ND	Non-Detect	(CFU/g)	Botanacor/TM24-28
Total Yeast/Molds	ND	Non-Detect	(CFU/g)	Botanacor/TM24-28
E. coli/E. coli (STEC)	Absent	Absent	(CFU/g)	Botanacor/TM24-28
Salmonella	Absent	Absent	(CFU/g)	Botanacor/TM24-28
Mycotoxin	Results	Specification	Units	Lab/Method
Ochratoxin A	ND	ND	ppb	Botanacor/TM18
Aflatoxin B1, B2, G1, G2	ND	ND	ppb	Botanacor/TM18
Total Aflatoxin	ND	ND	ppb	Botanacor/TM18
Residual Solvents	Results	Specification	Units	Lab/Method
All	ND	Non-Detect	ppb	Botanacor/TM04
Pesticides	Results	Specification	Units	Lab/Method
All	ND	Non-Detect	ppb	Botanacor/TM17

Other Ingredients: None

QC Approval:

Lot Traceability

CBD Oil Source Lot# LE-O-00713

Biomass Farm Source 8672

Biomass Batch # BH-8672-12


LE-O-00713

 Prepared for:
**ROCKY MOUNTAIN
 EXTRACTION SERVICES LLC**

Batch ID or Lot Number: BH-8672-12	Test: Potency	Reported: 9/3/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: Concentrate	Test ID: T000160239	Started: 9/2/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.104	0.356	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.117	0.402	2.023	20.23	
Cannabidiolic acid (CBDA)	0.148	0.417	0.440	4.40	
Cannabidiol (CBD)	0.144	0.407	64.622	646.22	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.129	0.442	ND	ND	
Cannabinolic Acid (CBNA)	0.074	0.253	ND	ND	
Cannabinol (CBN)	0.034	0.116	0.061*	0.61*	
Cannabigerolic acid (CBGA)	0.108	0.371	ND	ND	
Cannabigerol (CBG)	0.026	0.089	0.879	8.79	
Tetrahydrocannabivarinic Acid (THCVA)	0.092	0.314	ND	ND	
Tetrahydrocannabivarin (THCV)	0.024	0.081	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.062	0.174	ND	ND	
Cannabidivarin (CBDV)	0.034	0.096	0.270	2.70	
Cannabichromenic Acid (CBCA)	0.042	0.143	ND	ND	
Cannabichromene (CBC)	0.046	0.156	2.418	24.18	
Total Cannabinoids			70.713	707.13	
Total Potential THC**			2.023	20.23	
Total Potential CBD**			65.008	650.08	


 Daniel Weidensaul
 03-Sep-2021
 12:57 PM

PREPARED BY / DATE


 Karen Winternheimer
 3-Sep-21
 1:02 PM

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)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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Certificate #4329.02

LE-O-00713Prepared for:
**ROCKY MOUNTAIN EXTRACTION
SERVICES LLC**


Batch ID or Lot Number: BH-8672-12	Test: Metals	Reported: 9/1/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: Other	Test ID: T000160242	Started: 8/31/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.042 - 4.16	ND	
Cadmium	0.043 - 4.25	ND	
Mercury	0.043 - 4.26	ND	
Lead	0.039 - 3.94	ND	


Ryan Weems
1-Sep-21
2:38 PM

PREPARED BY / DATE


Sam Smith
1-Sep-21
2:41 PM

APPROVED BY / DATE

Definitions

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

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LE-O-00713


Prepared for:

**ROCKY MOUNTAIN EXTRACTION
SERVICES LLC**


Batch ID or Lot Number: BH-8672-12	Test: Microbial Contaminants	Reported: 8/30/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: Concentrate	Test ID: T000160241	Started: 8/27/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	

 Brianne Maillot
8/30/2021
3:07:00 PM

PREPARED BY / DATE

 Tori King
8/30/2021
4:33:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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

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LE-O-00713Prepared for:
**ROCKY MOUNTAIN EXTRACTION
SERVICES LLC**

Batch ID or Lot Number: BH-8672-12	Test: Mycotoxins	Reported: 9/8/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: Concentrate	Test ID: T000160244	Started: 9/7/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.9 - 130.4	ND	N/A
Aflatoxin B1	1 - 34.6	ND	
Aflatoxin B2	1.1 - 34.4	ND	
Aflatoxin G1	1 - 34.5	ND	
Aflatoxin G2	1.2 - 33.2	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Sam Smith
8-Sep-21
7:42 AM

PREPARED BY / DATE

Alex Smith
8-Sep-21
9:43 AM

APPROVED BY / DATE

Definitions

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

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 Prepared for:
**ROCKY MOUNTAIN EXTRACTION
 SERVICES LLC**


Batch ID or Lot Number: BH-8672-12	Test: Residual Solvents	Reported: 8/27/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: N/A	Test ID: T000160243	Started: 8/26/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1605	*ND	
Butanes (Isobutane, n-Butane)	153 - 3065	*ND	
Methanol	58 - 1160	*ND	
Pentane	85 - 1701	*ND	
Ethanol	93 - 1851	*ND	
Acetone	97 - 1930	*ND	
Isopropyl Alcohol	104 - 2079	*ND	
Hexane	6 - 117	*ND	
Ethyl Acetate	97 - 1944	*ND	
Benzene	0 - 4	*ND	
Heptanes	92 - 1843	*ND	
Toluene	18 - 351	*ND	
Xylenes (m,p,o-Xylenes)	127 - 2540	*ND	


 Ryan Weems
 27-Aug-21
 11:52 AM

PREPARED BY / DATE


 Sam Smith
 27-Aug-21
 12:05 PM

APPROVED BY / DATE

Definitions

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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LE-O-00713

 Prepared for:
**ROCKY MOUNTAIN EXTRACTION
 SERVICES LLC**

Batch ID or Lot Number: BH-8672-12	Test: Pesticides	Reported: 8/31/21	Location: 861 AUTOMATION DRIVE WINDSOR, CO 80550
Matrix: Concentrate	Test ID: T000160240	Started: 8/29/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 08/26/2021 @ 10:59 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	42	ND	Fenoxycarb	24	ND	Paclobutrazol	44	ND
Acetamiprid	42	ND	Fipronil	38	ND	Permethrin	298	ND
Avermectin	390	ND	Flonicamid	53	ND	Phosmet	48	ND
Azoxystrobin	47	ND	Fludioxonil	321	ND	Prophos	321	ND
Bifenazate	47	ND	Hexythiazox	44	ND	Propoxur	42	ND
Boscalid	42	ND	Imazalil	279	ND	Pyridaben	281	ND
Carbaryl	45	ND	Imidacloprid	46	ND	Spinosad A	37	ND
Carbofuran	44	ND	Kresoxim-methyl	150	ND	Spinosad D	58	ND
Chlorantraniliprole	60	ND	Malathion	312	ND	Spiromesifen	313	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	319	ND
Clofentezine	297	ND	Methiocarb	45	ND	Spiroxamine 1	20	ND
Diazinon	308	ND	Methomyl	43	ND	Spiroxamine 2	26	ND
Dichlorvos	294	ND	MGK 264 1	190	ND	Tebuconazole	295	ND
Dimethoate	42	ND	MGK 264 2	137	ND	Thiacloprid	44	ND
E-Fenpyroximate	330	ND	Myclobutanil	44	ND	Thiamethoxam	44	ND
Etofenprox	43	ND	Naled	44	ND	Trifloxystrobin	48	ND
Etoxazole	321	ND	Oxamyl	1500	ND			


 Sam Smith
 8/31/2021
 3:17:00 PM

PREPARED BY / DATE


 Karen Winternheimer
 8/31/2021
 3:18:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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