


Prepared for:


EV21.ISO.100
EVG EXTRACTS

Batch ID or Lot Number: N/A	Test: Potency	Reported: 12/10/21	Location: 35715 HWY 40 #D203 EVERGREEN, CO 80439
Matrix: Concentrate	Test ID: T000181441	Started: 12/9/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 12/09/2021 @ 09:57 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.135	0.433	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.153	0.489	ND	ND	
Cannabidiolic acid (CBDA)	0.160	0.513	ND	ND	
Cannabidiol (CBD)	0.156	0.500	97.081	970.81	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.168	0.538	ND	ND	
Cannabinolic Acid (CBNA)	0.096	0.308	ND	ND	
Cannabinol (CBN)	0.044	0.141	ND	ND	
Cannabigerolic acid (CBGA)	0.141	0.452	ND	ND	
Cannabigerol (CBG)	0.034	0.108	0.057*	0.57*	
Tetrahydrocannabivarinic Acid (THCVA)	0.119	0.382	ND	ND	
Tetrahydrocannabivarin (THCV)	0.031	0.098	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.067	0.214	ND	ND	
Cannabidivarin (CBDV)	0.037	0.118	0.347	3.47	
Cannabichromenic Acid (CBCA)	0.054	0.174	ND	ND	
Cannabichromene (CBC)	0.059	0.190	ND	ND	
Total Cannabinoids			97.485	974.85	
Total Potential THC**			ND	ND	
Total Potential CBD**			97.081	970.81	


 Hannah Wright
 10-Dec-2021
 03:40 PM


 Daniel Weidensaul
 10-Dec-21
 3:45 PM

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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.



Certificate #4329.02

EV21.ISO.100

Batch ID:	N/A	Test ID:	T000181446
Matrix:	Concentrate	Received:	12/09/2021 @ 09:57 AM
Test:	Microbial Contaminants	Started:	12/9/2021
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	12/13/2021

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 Bacteria*	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

 Eden Thompson-Wright 12/13/2021 2:22:00 PM	 Carly Bader 12/13/2021 2:47:00 PM
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Certificate #4329.03

Prepared for:

EV21.ISO.100**EVG EXTRACTS**

Batch ID or Lot Number: N/A	Test: Mycotoxins	Reported: 12/13/21	Location: 35715 HWY 40 #D203 EVERGREEN, CO 80439
Matrix: Concentrate	Test ID: T000181445	Started: 12/10/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 12/09/2021 @ 09:57 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.4 - 129.2	ND	N/A
Aflatoxin B1	1 - 32.2	ND	
Aflatoxin B2	1.1 - 32.3	ND	
Aflatoxin G1	1.1 - 31.6	ND	
Aflatoxin G2	1.3 - 31	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Sam Smith
13-Dec-21
10:53 AMRyan Weems
13-Dec-21
10:56 AM

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Definitions

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

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Certificate #4329.02

Prepared for:

EV21.ISO.100
EVG EXTRACTS


Batch ID or Lot Number: N/A	Test: Residual Solvents	Reported: 12/13/21	Location: 35715 HWY 40 #D203 EVERGREEN, CO 80439
Matrix: N/A	Test ID: T000181444	Started: 12/13/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 12/09/2021 @ 09:57 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	89 - 1779	*ND	
Butanes			
(Isobutane, n-Butane)	176 - 3512	*ND	
Methanol	68 - 1368	*ND	
Pentane	96 - 1926	*ND	
Ethanol	103 - 2067	*ND	
Acetone	109 - 2178	*ND	
Isopropyl Alcohol	112 - 2242	*ND	
Hexane	7 - 132	*ND	
Ethyl Acetate	110 - 2191	*ND	
Benzene	0.2 - 4.5	*ND	
Heptanes	103 - 2063	274	
Toluene	20 - 400	*ND	
Xylenes			
(m,p,o-Xylenes)	142 - 2843	*ND	


 Hannah Wright
 13-Dec-21
 4:20 PM

PREPARED BY / DATE


 Ryan Weems
 13-Dec-21
 4:21 PM

APPROVED BY / DATE

Definitions

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Prepared for:

EV21.ISO.100**EVG EXTRACTS**


Batch ID or Lot Number: N/A	Test: Metals	Reported: 12/15/21	Location: 35715 HWY 40 #D203 EVERGREEN, CO 80439
Matrix: Concentrate Co	Test ID: T000181443	Started: 12/14/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 12/09/2021 @ 09:57 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.038 - 3.80	ND	
Cadmium	0.043 - 4.27	ND	
Mercury	0.044 - 4.38	ND	
Lead	0.043 - 4.32	ND	


Sam Smith
15-Dec-21
11:47 AM

PREPARED BY / DATE


Ryan Weems
15-Dec-21
11:49 AM

APPROVED BY / DATE

Definitions

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