

Prepared for:

090721-Coil 1500mg-HTD060121
Arcanum


Batch ID or Lot Number: AC-1500-0921	Test: Potency	Reported: 9/15/21	Location: 492 S Suite B Colorado Blvd Glendale, CO 80246
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Matrix: Concentrate	Test ID: T000162118	Started: 9/13/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC (Colorado Panel)	Received: 09/08/2021 @ 10:37 AM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.016	0.045	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.018	0.051	0.190	1.90	
Cannabidiolic acid (CBDA)	0.020	0.063	ND	ND	
Cannabidiol (CBD)	0.019	0.061	5.390	53.90	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.020	0.056	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.032	ND	ND	
Cannabinol (CBN)	0.005	0.015	0.014*	0.14*	
Cannabigerolic acid (CBGA)	0.016	0.047	ND	ND	
Cannabigerol (CBG)	0.004	0.011	0.077	0.77	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.010	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.026	ND	ND	
Cannabidivarin (CBDV)	0.005	0.014	0.021	0.21	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabichromene (CBC)	0.007	0.020	0.030	0.30	
Total Cannabinoids			5.722	57.22	
Total Potential THC**			0.190	1.90	
Total Potential CBD**			5.390	53.90	


 Hannah Wright
 15-Sep-2021
 03:34 PM


 Ryan Weems
 15-Sep-21
 3:35 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)

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


Prepared for:


090721-Coil 1500mg-HTD060121
Arcanum

Batch ID or Lot Number: AC-1500-0921	Test: Microbial Contaminants	Reported: 9/12/21	Location: 492 S Suite B Colorado Blvd Glendale, CO 80246
Matrix: Finished Product	Test ID: T000162119	Started: 9/8/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 09/08/2021 @ 10:37 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	


 Robert Belfon
 9/11/2021
 3:50:00 PM


 Sarah Henning
 9/12/2021
 12:35:00 PM

PREPARED BY / DATE

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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