

BB105

<b>Batch ID:</b>	DISTILLATE	<b>Test ID:</b>	T000049887
<b>Reported:</b>	17-Jan-2020	<b>Method:</b>	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
<b>Type:</b>	Other		
<b>Test:</b>	Metals		


## HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

## FINAL APPROVAL

 Alex Smith  
17-Jan-2020  
1:30 PM

PREPARED BY / DATE

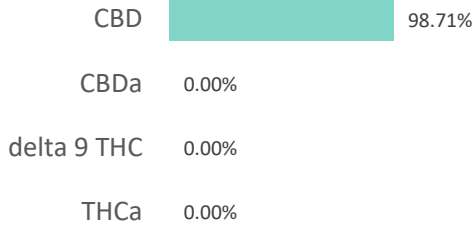
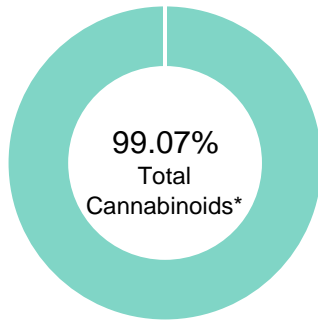
 Greg Zimpfer  
17-Jan-2020  
4:16 PM

APPROVED BY / DATE

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.

**BB105**

<b>Batch ID:</b>	ISOLATE	<b>Test ID:</b>	7363111.006
<b>Reported:</b>	10-Jan-2020	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.18	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	0.00	0.0
Cannabidiolic acid (CBDA)	0.25	0.00	0.0
Cannabidiol (CBD)	0.14	98.71	987.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.10	0.00	0.0
Cannabinolic Acid (CBNA)	0.24	0.00	0.0
Cannabinol (CBN)	0.11	0.00	0.0
Cannabigerolic acid (CBGA)	0.16	0.00	0.0
Cannabigerol (CBG)	0.09	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.15	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.08	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.23	0.00	0.0
Cannabidivarin (CBDV)	0.13	0.36	3.6
Cannabichromenic Acid (CBCA)	0.13	0.00	0.0
Cannabichromene (CBC)	0.16	0.00	0.0
<b>Total Cannabinoids</b>		<b>99.07</b>	<b>990.70</b>
Total Potential THC**		0.00	0.00
Total Potential CBD**		98.71	987.10


**NOTES:**

N/A

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


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

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

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
**FINAL APPROVAL**


Tyler Wiese  
10-Jan-2020  
4:50 PM

PREPARED BY / DATE



Greg Zimpfer  
10-Jan-2020  
8:04 PM

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



**BB105**


<b>Batch ID:</b>	ISOLATE	<b>Test ID:</b>	7968183.0028
<b>Reported:</b>	11-Jan-2020	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	50 - 2338	ND*	Malathion	50 - 2338	ND*
Acetamiprid	50 - 2338	ND*	Metalaxyl	303 - 2338	ND*
Avermectin	303 - 2338	ND*	Methiocarb	50 - 2338	ND*
Azoxystrobin	50 - 2338	ND*	Methomyl	50 - 2338	ND*
Bifenazate	50 - 2338	ND*	MGK 264 1	50 - 2338	ND*
Boscalid	303 - 2338	ND*	MGK 264 2	303 - 2338	ND*
Carbaryl	50 - 2338	ND*	Myclobutanil	303 - 2338	ND*
Carbofuran	50 - 2338	ND*	Naled	303 - 2338	ND*
Chlorantraniliprole	50 - 2338	ND*	Oxamyl	50 - 2338	ND*
Chlorpyrifos	303 - 2338	ND*	Paclobutrazol	50 - 2338	ND*
Clofentezine	50 - 2338	ND*	Permethrin	303 - 2338	ND*
Diazinon	50 - 2338	ND*	Phosmet	50 - 2338	ND*
Dichlorvos	303 - 2338	ND*	Prophos	303 - 2338	ND*
Dimethoate	50 - 2338	ND*	Propoxur	303 - 2338	ND*
E-Fenpyroximate	303 - 2338	ND*	Pyridaben	303 - 2338	ND*
Etofenprox	303 - 2338	ND*	Spinosad A	50 - 2338	ND*
Etoxazole	303 - 2338	ND*	Spinosad D	303 - 2338	ND*
Fenoxycarb	50 - 2338	ND*	Spiromesifen	50 - 2338	ND*
Fipronil	303 - 2338	ND*	Spirotetramat	303 - 2338	ND*
Flonicamid	50 - 2338	ND*	Spiroxamine 1	50 - 2338	ND*
Fludioxonil	303 - 2338	ND*	Spiroxamine 2	50 - 2338	ND*
Hexythiazox	303 - 2338	ND*	Tebuconazole	50 - 2338	ND*
Imazalil	303 - 2338	ND*	Thiacloprid	50 - 2338	ND*
Imidacloprid	50 - 2338	ND*	Thiamethoxam	50 - 2338	ND*
Kresoxim-methyl	50 - 2338	ND*	Trifloxystrobin	303 - 2338	ND*


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

N/A

**FINAL APPROVAL**


**Sam Smith**  
 11-Jan-2020  
 7:14 AM

PREPARED BY / DATE



**Chris Jungling**  
 11-Jan-2020  
 9:19 AM

APPROVED BY / DATE

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.



prepared for: UNITED CANNABIS  
301 COMMERCIAL ROAD UNIT D  
GOLDEN, CO 80401

BB105

<b>Batch ID:</b>	ISOLATE	<b>Test ID:</b>	6169996.033
<b>Reported:</b>	10-Jan-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

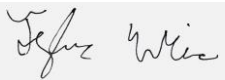
### RESIDUAL SOLVENTS


Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

#### NOTES:

Free from visual mold, mildew, and foreign matter.

### FINAL APPROVAL

  
 Tyler Wiese  
 10-Jan-2020  
 5:34 PM

  
 Greg Zimpfer  
 10-Jan-2020  
 8:20 PM

PREPARED BY / DATE

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02