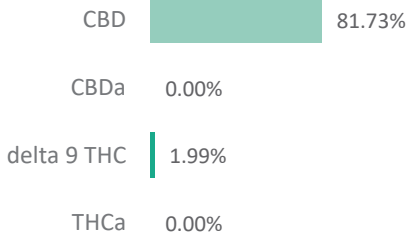
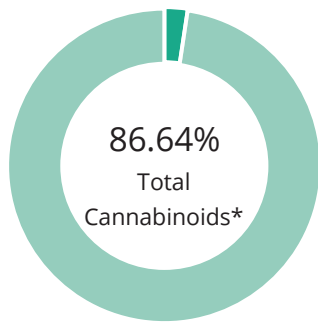


**CBD Distillate**

<b>Batch ID:</b>	D0032ABCDE/D0035ABCDEFGH	<b>Test ID:</b>	T000131188
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/25/2021 @ 11:11 AM
<b>Test:</b>	Potency	<b>Started:</b>	3/29/2021
<b>Method:</b>	TM14	<b>Reported:</b>	3/30/2021

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	1.99	19.9
Cannabidiolic acid (CBDA)	0.13	ND	ND
Cannabidiol (CBD)	0.12	81.73	817.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	0.15	1.5
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	0.72	7.2
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.24	2.4
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	1.81	18.1
<b>Total Cannabinoids</b>		<b>86.64</b>	<b>866.4</b>
Total Potential THC**		1.99	19.9
Total Potential CBD**		81.73	817.3

**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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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

**FINAL APPROVAL**

 Sam Smith 30-Mar-2021 1:51 PM	 Daniel Weidensaul 30-Mar-2021 2:39 PM
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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

## CBD Distillate

<b>Batch ID:</b>	D0032ABCDE/D0035ABCDEFGH	<b>Test ID:</b>	T000131192
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/25/2021 @ 11:11 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	3/29/2021
<b>Method:</b>	TM04	<b>Reported:</b>	3/29/2021


## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	100 - 1996	*ND
Butanes (Isobutane, n-Butane)	190 - 3799	*ND
Methanol	54 - 1081	*ND
Pentane	92 - 1830	*ND
Ethanol	93 - 1853	*ND
Acetone	88 - 1770	*ND
Isopropyl Alcohol	91 - 1814	*ND
Hexane	5 - 109	*ND
Ethyl Acetate	90 - 1808	*ND
Benzene	0.2 - 3.4	*ND
Heptanes	89 - 1789	*ND
Toluene	16 - 321	*ND
Xylenes (m,p,o-Xylenes)	118 - 2360	*ND

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

NOTES:  
N/A

## FINAL APPROVAL

  
Mara Miller  
29-Mar-2021  
3:59 PM

PREPARED BY / DATE

  
Daniel Weidensaul  
29-Mar-2021  
4:01 PM

APPROVED BY / DATE

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Certificate #4329.02

**CBD Distillate**


<b>Batch ID:</b>	D0032ABCDE/D0035ABCDEFGH	<b>Test ID:</b>	T000131189
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/25/2021 @ 11:11 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	3/30/2021
<b>Method:</b>	TM17	<b>Reported:</b>	3/31/2021

**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2520	ND*	Malathion	303 - 2520	ND*
Acetamiprid	44 - 2520	ND*	Metalaxyl	44 - 2520	ND*
Abamectin	>311	ND*	Methiocarb	43 - 2520	ND*
Azoxystrobin	45 - 2520	ND*	Methomyl	44 - 2520	ND*
Bifenazate	35 - 2520	ND*	MGK 264 1	170 - 2520	ND*
Boscalid	42 - 2520	ND*	MGK 264 2	121 - 2520	ND*
Carbaryl	43 - 2520	ND*	Myclobutanil	40 - 2520	ND*
Carbofuran	44 - 2520	ND*	Naled	42 - 2520	ND*
Chlorantraniliprole	43 - 2520	ND*	Oxamyl	44 - 2520	ND*
Chlorpyrifos	53 - 2520	ND*	Paclobutrazol	47 - 2520	ND*
Clofentezine	300 - 2520	ND*	Permethrin	297 - 2520	ND*
Diazinon	302 - 2520	ND*	Phosmet	44 - 2520	ND*
Dichlorvos	>283	ND*	Prophos	300 - 2520	ND*
Dimethoate	44 - 2520	ND*	Propoxur	42 - 2520	ND*
E-Fenpyroximate	273 - 2520	ND*	Pyridaben	279 - 2520	ND*
Etofenprox	45 - 2520	ND*	Spinosad A	30 - 2520	ND*
Etoxazole	314 - 2520	ND*	Spinosad D	83 - 2520	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>300	ND*
Fipronil	36 - 2520	ND*	Spirotetramat	>299	ND*
Flonicamid	52 - 2520	ND*	Spiroxamine 1	19 - 2520	ND*
Fludioxonil	>303	ND*	Spiroxamine 2	24 - 2520	ND*
Hexythiazox	40 - 2520	ND*	Tebuconazole	301 - 2520	ND*
Imazalil	278 - 2520	ND*	Thiacloprid	44 - 2520	ND*
Imidacloprid	45 - 2520	ND*	Thiamethoxam	45 - 2520	ND*
Kresoxim-methyl	45 - 2520	ND*	Trifloxystrobin	46 - 2520	ND*

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

N/A

**FINAL APPROVAL**


Taylor Brevik  
 31-Mar-2021  
 10:55 AM



Sam Smith  
 31-Mar-2021  
 11:05 AM

PREPARED BY / DATE

APPROVED BY / DATE

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## CBD Distillate



<b>Batch ID:</b>	D0032ABCDE/D0035ABCDEFGH	<b>Test ID:</b>	T000131191
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/25/2021 @ 11:11 AM
<b>Test:</b>	Metals	<b>Started:</b>	3/30/2021
<b>Method:</b>	TM19	<b>Reported:</b>	3/31/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.074 - 7.40	ND
Cadmium	0.080 - 8.01	ND
Mercury	0.076 - 7.61	ND
Lead	0.101 - 10.10	ND

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

## FINAL APPROVAL

  
Daniel Weidensaul  
31-Mar-2021  
4:37 PM  
Sam Smith  
31-Mar-2021  
4:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## CBD Distillate

<b>Batch ID:</b>	D0032ABCDE/D0035ABCDEFGH	<b>Test ID:</b>	T000131190
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/25/2021 @ 11:11 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	3/26/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	3/29/2021

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>E. coli (STEC)</b>	None Detected
<b>Salmonella</b>	None Detected

\* CFU/g = Colony Forming Unit per Gram

\*\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU

## NOTES:


Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

## FINAL APPROVAL

  
Robert Belfon  
29-Mar-2021  
1:16 PM  
Nick Tumminaro  
29-Mar-2021  
3:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03