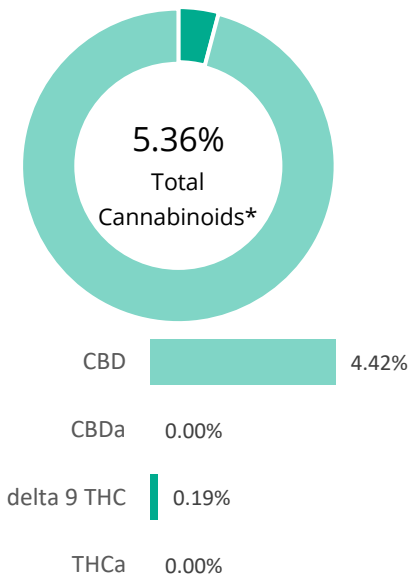


## Essential Recovery Tincture

<b>Batch ID:</b>	210902	<b>Test ID:</b>	T000162200
<b>Type:</b>	Concentrate	<b>Submitted:</b>	09/07/2021 @ 04:37 PM
<b>Test:</b>	Potency	<b>Started:</b>	9/8/2021
<b>Method:</b>	TM14 (HPLC-DAD)	<b>Reported:</b>	9/10/2021

## CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.19	1.9
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	4.42	44.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.56	5.6
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.17	1.7
<b>Total Cannabinoids</b>		<b>5.36</b>	<b>53.6</b>
Total Potential THC**		0.19	1.9
Total Potential CBD**		4.42	44.2

## 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

*K Winterheimer*  
 Karen Winterheime  
 10-Sep-2021  
 2:34 PM

PREPARED BY / DATE

*Daniel Weidensaul*  
 Daniel Weidensaul  
 10-Sep-2021  
 4:16 PM

APPROVED BY / DATE

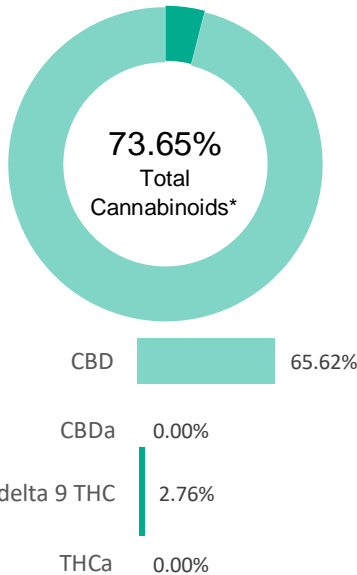
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**Organic Distillate**

<b>Batch ID:</b>	BH-050321	<b>Test ID:</b>	T000118845
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/05/2021 @ 09:29 AM
<b>Test:</b>	Potency	<b>Started:</b>	5/7/2021
<b>Method:</b>	TM14	<b>Reported:</b>	5/10/2021

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid(THCA-A)	0.10	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	2.76	27.6
Cannabidiolic acid (CBDA)	0.11	ND	ND
Cannabidiol (CBD)	0.11	65.62	656.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.12	ND	ND
Cannabinolic Acid (CBNA)	0.07	ND	ND
Cannabinol (CBN)	0.03	ND	ND
Cannabigerolic acid (CBGA)	0.10	ND	ND
Cannabigerol (CBG)	0.02	2.22	22.2
Tetrahydrocannabivarinic Acid (THCVA)	0.09	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.26	2.6
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.04	2.79	27.9
<b>Total Cannabinoids</b>		<b>73.65</b>	<b>736.5</b>
Total Potential THC**		2.76	27.6
Total Potential CBD**		65.62	656.2

% = % (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.

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

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

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

**NOTES:**

N/A

**FINAL APPROVAL**

 Daniel Weidensaul 5-May-2021 3:06 PM	 Greg Zimpfer 5-May-2021 4:03 PM
--	--

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

## Organic Distillate

<b>Batch ID:</b>	BH-050321	<b>Test ID:</b>	T000138476
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/05/2021 @ 09:29 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	5/7/2021
<b>Method:</b>	TM17	<b>Reported:</b>	5/10/2021


## PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	36 - 2529	ND*	Malathion	305 - 2529	ND*
Acetamiprid	36 - 2529	ND*	Metalaxyl	44 - 2529	ND*
Abamectin	>335	ND*	Methiocarb	39 - 2529	ND*
Azoxystrobin	44 - 2529	ND*	Methomyl	35 - 2529	ND*
Bifenazate	31 - 2529	ND*	MGK 264 1	163 - 2529	ND*
Boscalid	38 - 2529	ND*	MGK 264 2	122 - 2529	ND*
Carbaryl	39 - 2529	ND*	Myclobutanil	41 - 2529	ND*
Carbofuran	43 - 2529	ND*	Naled	42 - 2529	ND*
Chlorantraniliprole	40 - 2529	ND*	Oxamyl	38 - 2529	ND*
Chlorpyrifos	49 - 2529	ND*	Paclobutrazol	42 - 2529	ND*
Clofentezine	284 - 2529	ND*	Permethrin	296 - 2529	ND*
Diazinon	302 - 2529	ND*	Phosmet	40 - 2529	ND*
Dichlorvos	>276	ND*	Prophos	272 - 2529	ND*
Dimethoate	40 - 2529	ND*	Propoxur	39 - 2529	ND*
E-Fenpyroximate	307 - 2529	ND*	Pyridaben	304 - 2529	ND*
Etofenprox	45 - 2529	ND*	Spinosad A	28 - 2529	ND*
Etoxazole	311 - 2529	ND*	Spinosad D	81 - 2529	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>304	ND*
Fipronil	41 - 2529	ND*	Spirotetramat	>300	ND*
Flonicamid	43 - 2529	ND*	Spiroxamine 1	16 - 2529	ND*
Fludioxonil	>274	ND*	Spiroxamine 2	22 - 2529	ND*
Hexythiazox	39 - 2529	ND*	Tebuconazole	302 - 2529	ND*
Imazalil	268 - 2529	ND*	Thiacloprid	37 - 2529	ND*
Imidacloprid	42 - 2529	ND*	Thiamethoxam	40 - 2529	ND*
Kresoxim-methyl	43 - 2529	ND*	Trifloxystrobin	43 - 2529	ND*

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

N/A

## FINAL APPROVAL


 Sam Smith  
 10-May-2021  
 9:35 AM


 Tavor Brevik  
 10-May-2021  
 9:38 AM

PREPARED BY / DATE

APPROVED BY / DATE

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## Organic Distillate

<b>Batch ID:</b>	BH-050321	<b>Test ID:</b>	T000138479
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/05/2021 @ 09:29 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	5/9/2021
<b>Method:</b>	TM04	<b>Reported:</b>	5/10/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	89 - 1789	*ND
<b>Butanes</b> (Isobutane, n-Butane)	183 - 3668	*ND
<b>Methanol</b>	68 - 1360	*ND
<b>Pentane</b>	96 - 1926	*ND
<b>Ethanol</b>	107 - 2133	*ND
<b>Acetone</b>	107 - 2143	*ND
<b>Isopropyl Alcohol</b>	118 - 2362	*ND
<b>Hexane</b>	7 - 133	*ND
<b>Ethyl Acetate</b>	110 - 2196	*ND
<b>Benzene</b>	0.2 - 4.4	*ND
<b>Heptanes</b>	103 - 2062	*ND
<b>Toluene</b>	19 - 389	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	138 - 2754	*ND

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

## NOTES:

N/A

## FINAL APPROVAL

  
Ryan Weems  
10-May-2021  
1:26 PM

PREPARED BY / DATE

  
Taylor Brevik  
10-May-2021  
1:28 PM

APPROVED BY / DATE

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Certificate #4329.02

## Organic Distillate

<b>Batch ID:</b>	BH-050321	<b>Test ID:</b>	T000138477
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/05/2021 @ 09:29 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	5/5/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	5/8/2021

## 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>	Absent
<b>Salmonella</b>	Absent

\* 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

Sarah Henning  
8-May-2021  
1:59 PMCourtney Richards  
8-May-2021  
7:16 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

## Organic Distillate


<b>Batch ID:</b>	BH-050321	<b>Test ID:</b>	T000138478
<b>Type:</b>	Concentrate	<b>Submitted:</b>	05/05/2021 @ 09:29 AM
<b>Test:</b>	Metals	<b>Started:</b>	5/6/2021
<b>Method:</b>	TM19	<b>Reported:</b>	5/7/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.047 - 4.71	ND
Cadmium	0.047 - 4.66	ND
Mercury	0.047 - 4.66	ND
Lead	0.047 - 4.72	ND


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

## FINAL APPROVAL



Ryan Weems  
7-May-2021  
12:21 PM

PREPARED BY / DATE



Sam Smith  
7-May-2021  
12:23 PM

APPROVED BY / DATE

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