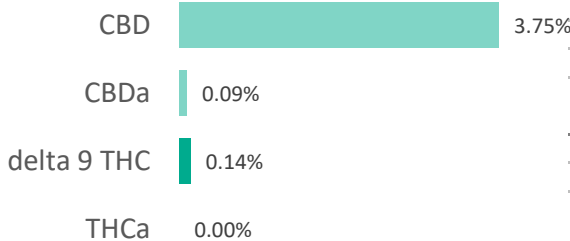
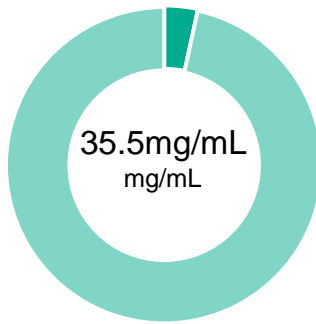


**Full-Spectrum CBD RediMix 33mg/ml**

<b>Batch ID:</b>	C00005	<b>Test ID:</b>	4316602.0046
<b>Reported:</b>	6-May-2020	<b>Method:</b>	TM14
<b>Type:</b>	Solution		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.15	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.07	1.30	1.4
Cannabidiolic acid (CBDA)	0.13	0.90	0.9
Cannabidiol (CBD)	0.07	35.50	37.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.08	ND	ND
Cannabinolic Acid (CBNA)	0.20	ND	ND
Cannabinol (CBN)	0.09	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.07	1.10	1.1
Tetrahydrocannabivarinic Acid (THCVA)	0.13	ND	ND
Tetrahydrocannabivarin (THCV)	0.07	ND	ND
Cannabidivarinic Acid (CBDVA)	0.12	ND	ND
Cannabidivarin (CBDV)	0.07	ND	ND
Cannabichromenic Acid (CBCA)	0.11	ND	ND
Cannabichromene (CBC)	0.13	2.10	2.2
<b>Total Cannabinoids</b>		<b>40.90</b>	<b>43.14</b>
<b>Total Potential THC**</b>		<b>1.30</b>	<b>1.35</b>
<b>Total Potential CBD**</b>		<b>36.29</b>	<b>38.32</b>

**NOTES:**

Density = 0.945709g/mL

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.

Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))

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

**FINAL APPROVAL**


 Daniel Weidensaul  
 6-May-2020  
 3:05 PM



 Greg Zimpfer  
 6-May-2020  
 4:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

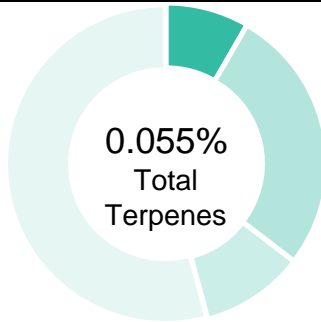
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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



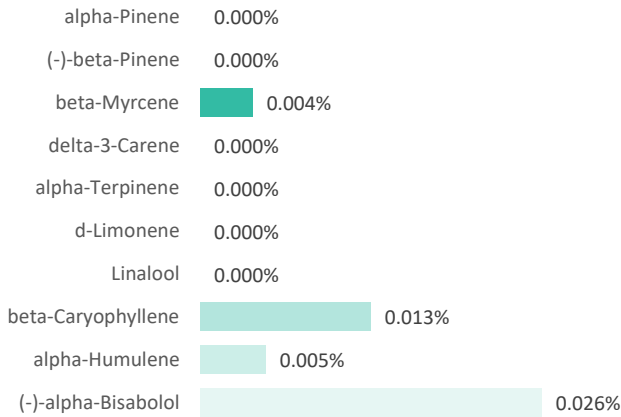
Certificate #4329.02

**Full-Spectrum CBD RediMix 33mg/ml**

<b>Batch ID:</b>	C00005	<b>Test ID:</b>	4873472.0025
<b>Reported:</b>	6-May-2020	<b>Method:</b>	TM10
<b>Type:</b>	Concentrate		
<b>Test:</b>	Terpenes		


**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.026	0.26
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.013	0.13
(-)-Caryophyllene Oxide	0.007	0.07
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.005	0.05
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.004	0.04
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	<b>0.055%</b>	<b>0.55</b>

**PREDOMINANT TERPENES**

**NOTES:**

0

**FINAL APPROVAL**

 Michelle Gagnon 6-May-2020 4:03 PM	 Greg Zimpfer 6-May-2020 4:56 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

**Full-Spectrum CBD RediMix 33mg/ml**

<b>Batch ID:</b>	C00005	<b>Test ID:</b>	4569013.0018
<b>Reported:</b>	7-May-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	54 - 2517	ND*	Malathion	326 - 2517	ND*
Acetamiprid	54 - 2517	ND*	Metalaxyl	54 - 2517	ND*
Abamectin	>326	ND*	Methiocarb	54 - 2517	ND*
Azoxystrobin	54 - 2517	ND*	Methomyl	54 - 2517	ND*
Bifenazate	54 - 2517	ND*	MGK 264 1	326 - 2517	ND*
Boscalid	54 - 2517	ND*	MGK 264 2	326 - 2517	ND*
Carbaryl	54 - 2517	ND*	Myclobutanil	54 - 2517	ND*
Carbofuran	54 - 2517	ND*	Naled	54 - 2517	ND*
Chlorantraniliprole	54 - 2517	ND*	Oxamyl	54 - 2517	ND*
Chlorpyrifos	54 - 2517	ND*	Paclobutrazol	54 - 2517	ND*
Clofentezine	326 - 2517	ND*	Permethrin	326 - 2517	ND*
Diazinon	326 - 2517	ND*	Phosmet	54 - 2517	ND*
Dichlorvos	>326	ND*	Prophos	326 - 2517	ND*
Dimethoate	54 - 2517	ND*	Propoxur	54 - 2517	ND*
E-Fenpyroximate	54 - 2517	ND*	Pyridaben	54 - 2517	ND*
Etofenprox	54 - 2517	ND*	Spinosad A	54 - 2517	ND*
Etoxazole	326 - 2517	ND*	Spinosad D	326 - 2517	ND*
Fenoxycarb	>54	ND*	Spiromesifen	>326	ND*
Fipronil	54 - 2517	ND*	Spirotetramat	>326	ND*
Flonicamid	54 - 2517	ND*	Spiroxamine 1	54 - 2517	ND*
Fludioxonil	>326	ND*	Spiroxamine 2	54 - 2517	ND*
Hexythiazox	54 - 2517	ND*	Tebuconazole	326 - 2517	ND*
Imazalil	326 - 2517	ND*	Thiacloprid	54 - 2517	ND*
Imidacloprid	54 - 2517	ND*	Thiamethoxam	54 - 2517	ND*
Kresoxim-methyl	54 - 2517	ND*	Trifloxystrobin	54 - 2517	ND*

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

N/A

**FINAL APPROVAL**

  
 Tyler Wiese  
 7-May-2020  
 6:06 PM  
 PREPARED BY / DATE

  
 Ben Minton  
 7-May-2020  
 6:42 PM  
 APPROVED BY / DATE

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**Full-Spectrum CBD RediMix 33mg/ml**

<b>Batch ID:</b>	C00005	<b>Test ID:</b>	T000074093
<b>Reported:</b>	7-May-2020	<b>Method:</b>	Concentrate - Test Methods: TM05, TM06
<b>Type:</b>	Concentrate		
<b>Test:</b>	Microbial Contaminants		

**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>	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**

Samantha N. Pauly

Samantha Pauly  
7-May-2020  
3:17 PMGreg Zimpfer  
7-May-2020  
4:09 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

## Full-Spectrum CBD RediMix 33mg/ml


<b>Batch ID:</b>	C00005	<b>Test ID:</b>	T000074096
<b>Reported:</b>	6-May-2020	<b>Method:</b>	TM19
<b>Type:</b>	Other		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.073 - 7.28	ND
Cadmium	0.073 - 7.32	ND
Mercury	0.074 - 7.36	ND
Lead	0.075 - 7.53	ND


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

## FINAL APPROVAL



Alex Benson  
6-May-2020  
10:52 AM

PREPARED BY / DATE



Greg Zimpfer  
6-May-2020  
3:53 PM

APPROVED BY / DATE

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