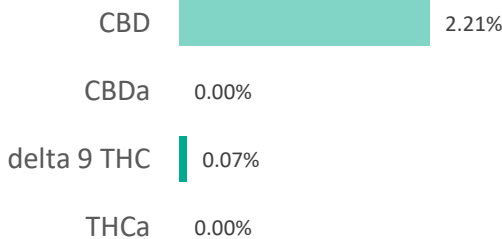
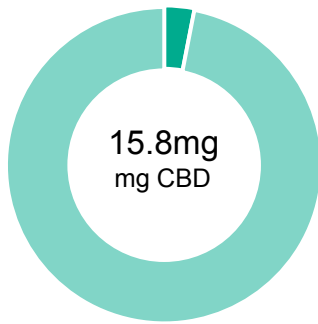


**A0038S**

<b>Batch ID:</b>	213	<b>Test ID:</b>	2057676.006
<b>Reported:</b>	3-Aug-2020	<b>Method:</b>	TM14
<b>Type:</b>	Unit		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.15	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.08	0.50	0.7
Cannabidiolic acid (CBDA)	0.38	ND	ND
Cannabidiol (CBD)	0.21	15.80	22.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.08	ND	ND
Cannabinolic Acid (CBNA)	0.21	ND	ND
Cannabinol (CBN)	0.09	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.08	0.40	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.13	ND	ND
Tetrahydrocannabivarin (THCV)	0.07	ND	ND
Cannabidivarinic Acid (CBDVA)	0.35	ND	ND
Cannabidivarin (CBDV)	0.19	0.30	0.4
Cannabichromenic Acid (CBCA)	0.12	ND	ND
Cannabichromene (CBC)	0.14	0.60	0.8
<b>Total Cannabinoids</b>		<b>17.60</b>	<b>24.58</b>
Total Potential THC**		0.50	0.70
Total Potential CBD**		15.80	22.07

**NOTES:**


# of Servings = 1, Sample Weight=0.7159g


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**

**Ryan Weems**  
 3-Aug-2020  
 5:28 PM


**Greg Zimpfer**  
 3-Aug-2020  
 8:43 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

A0038S


<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085111
<b>Reported:</b>	14-Jul-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.078 - 7.82	ND
Cadmium	0.079 - 7.92	ND
Mercury	0.074 - 7.45	ND
Lead	0.079 - 7.86	ND

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

## FINAL APPROVAL



Ryan Weems  
14-Jul-2020  
10:34 AM

PREPARED BY / DATE



Ben Minton  
14-Jul-2020  
3:26 PM

APPROVED BY / DATE

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A0038S

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085108
<b>Reported:</b>	12-Jul-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

**FINAL APPROVAL**

Robert Belfon  
12-Jul-2020  
3:59 PM



Greg Zimpfer  
12-Jul-2020  
7:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

**A0038S**

<b>Batch ID:</b>		<b>Test ID:</b>	6479398.0033
<b>Reported:</b>	13-Jul-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	43 - 2591	ND*	Malathion	317 - 2591	ND*
Acetamiprid	45 - 2591	ND*	Metalaxyl	43 - 2591	ND*
Abamectin	>380	ND*	Methiocarb	44 - 2591	ND*
Azoxystrobin	47 - 2591	ND*	Methomyl	43 - 2591	ND*
Bifenazate	39 - 2591	ND*	MGK 264 1	175 - 2591	ND*
Boscalid	37 - 2591	ND*	MGK 264 2	103 - 2591	ND*
Carbaryl	47 - 2591	ND*	Myclobutanil	49 - 2591	ND*
Carbofuran	46 - 2591	ND*	Naled	44 - 2591	ND*
Chlorantraniliprole	51 - 2591	ND*	Oxamyl	41 - 2591	ND*
Chlorpyrifos	41 - 2591	ND*	Paclobutrazol	47 - 2591	ND*
Clofentezine	295 - 2591	ND*	Permethrin	278 - 2591	ND*
Diazinon	311 - 2591	ND*	Phosmet	43 - 2591	ND*
Dichlorvos	>299	ND*	Prophos	310 - 2591	ND*
Dimethoate	44 - 2591	ND*	Propoxur	46 - 2591	ND*
E-Fenpyroximate	29 - 2591	ND*	Pyridaben	44 - 2591	ND*
Etofenprox	43 - 2591	ND*	Spinosad A	31 - 2591	ND*
Etoxazole	309 - 2591	ND*	Spinosad D	82 - 2591	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>305	ND*
Fipronil	60 - 2591	ND*	Spirotetramat	>314	ND*
Flonicamid	45 - 2591	ND*	Spiroxamine 1	16 - 2591	N/A
Fludioxonil	>316	ND*	Spiroxamine 2	19 - 2591	N/A
Hexythiazox	45 - 2591	ND*	Tebuconazole	321 - 2591	ND*
Imazalil	298 - 2591	ND*	Thiacloprid	44 - 2591	ND*
Imidacloprid	49 - 2591	ND*	Thiamethoxam	42 - 2591	ND*
Kresoxim-methyl	51 - 2591	ND*	Trifloxystrobin	45 - 2591	ND*

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

N/A

**FINAL APPROVAL**


 Tyler Wiese  
 13-Jul-2020  
 5:15 PM

PREPARED BY / DATE



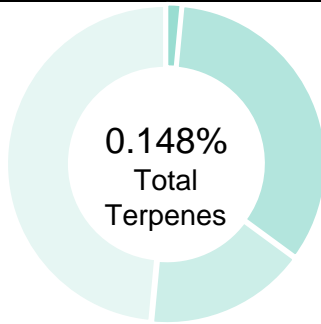
 Greg Zimpfer  
 13-Jul-2020  
 6:59 PM

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**A0038S**

<b>Batch ID:</b>		<b>Test ID:</b>	6090757.008
<b>Reported:</b>	14-Jul-2020	<b>Method:</b>	TM10
<b>Type:</b>	Concentrate		
<b>Test:</b>	Terpenes		

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.065	0.65
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.045	0.45
(-)-Caryophyllene Oxide	0.008	0.08
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.022	0.22
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.002	0.02
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.006	0.06
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>0.148%</b>	<b>1.48</b>



**PREDOMINANT TERPENES**

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.002%
beta-Caryophyllene	0.045%
alpha-Humulene	0.022%
(-)-alpha-Bisabolol	0.065%

**NOTES:**

0

**FINAL APPROVAL**

 Ryan Weems 14-Jul-2020 5:46 PM	 Ben Minton 14-Jul-2020 6:32 PM
-----------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

PREPARED BY / DATE

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Certificate #4329.02

A0038S

<b>Batch ID:</b>		<b>Test ID:</b>	t000075210
<b>Reported:</b>	14-May-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		


## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	77 - 1532	*ND
Butanes (Isobutane, n-Butane)	150 - 2991	*ND
Methanol	62 - 1248	*ND
Pentane	92 - 1837	*ND
Ethanol	88 - 1760	*ND
Acetone	101 - 2026	*ND
Isopropyl Alcohol	105 - 2095	*ND
Hexane	6 - 125	*ND
Ethyl Acetate	103 - 2055	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	97 - 1936	*ND
Toluene	19 - 372	*ND
Xylenes (m,p,o-Xylenes)	134 - 2684	*ND


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

NOTES:  
N/A

## FINAL APPROVAL

  
Ryan Weems  
14-May-2020  
7:38 PM

PREPARED BY / DATE

  
Ben Minton  
14-May-2020  
8:38 PM

APPROVED BY / DATE

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