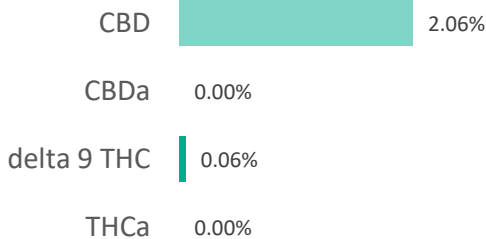
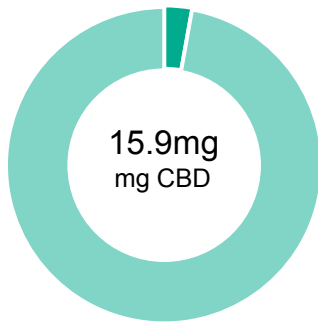


**A0035S**

<b>Batch ID:</b> 230	<b>Test ID:</b> T000091662
<b>Reported:</b> 20-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)	0.27	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.43	0.6
Cannabidiolic acid (CBDA)	0.23	ND	ND
Cannabidiol (CBD)	0.13	15.90	20.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.37	ND	ND
Cannabinol (CBN)	0.17	ND	ND
Cannabigerolic acid (CBGA)	0.24	ND	ND
Cannabigerol (CBG)	0.13	0.39	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.23	ND	ND
Tetrahydrocannabivarin (THCV)	0.12	ND	ND
Cannabidivarinic Acid (CBDVA)	0.21	ND	ND
Cannabidivarin (CBDV)	0.12	0.25	0.3
Cannabichromenic Acid (CBCA)	0.20	ND	ND
Cannabichromene (CBC)	0.25	0.58	0.7
<b>Total Cannabinoids</b>		<b>17.55</b>	<b>22.7</b>
<b>Total Potential THC**</b>		<b>0.43</b>	<b>0.6</b>
<b>Total Potential CBD**</b>		<b>15.90</b>	<b>20.6</b>

**NOTES:**

# of Servings = 1, Sample Weight=0.77364g

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**


 Tyler Wiese  
 20-Aug-2020  
 5:06 PM



 Ben Minton  
 20-Aug-2020  
 5:36 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

A0035S


<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085101
<b>Reported:</b>	14-Jul-2020	<b>Method:</b>	TM19
<b>Type:</b>	Other		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.070 - 6.96	ND
Cadmium	0.071 - 7.05	ND
Mercury	0.066 - 6.63	ND
Lead	0.070 - 7.00	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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A0035S

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085098
<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><i>E. coli</i></b>	None Detected
<b><i>Salmonella</i></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

**A0035S**

<b>Batch ID:</b>		<b>Test ID:</b>	6479398.0031
<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	42 - 2527	ND*	Malathion	309 - 2527	ND*
Acetamiprid	44 - 2527	ND*	Metalaxyl	42 - 2527	ND*
Abamectin	>370	ND*	Methiocarb	43 - 2527	ND*
Azoxystrobin	46 - 2527	ND*	Methomyl	42 - 2527	ND*
Bifenazate	38 - 2527	ND*	MGK 264 1	171 - 2527	ND*
Boscalid	36 - 2527	ND*	MGK 264 2	100 - 2527	ND*
Carbaryl	45 - 2527	ND*	Myclobutanil	48 - 2527	ND*
Carbofuran	44 - 2527	ND*	Naled	43 - 2527	ND*
Chlorantraniliprole	50 - 2527	ND*	Oxamyl	40 - 2527	ND*
Chlorpyrifos	40 - 2527	ND*	Paclobutrazol	46 - 2527	ND*
Clofentezine	287 - 2527	ND*	Permethrin	271 - 2527	ND*
Diazinon	303 - 2527	ND*	Phosmet	42 - 2527	ND*
Dichlorvos	>292	ND*	Prophos	302 - 2527	ND*
Dimethoate	43 - 2527	ND*	Propoxur	45 - 2527	ND*
E-Fenpyroximate	28 - 2527	ND*	Pyridaben	43 - 2527	ND*
Etofenprox	42 - 2527	ND*	Spinosad A	30 - 2527	ND*
Etoxazole	301 - 2527	ND*	Spinosad D	80 - 2527	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>298	ND*
Fipronil	58 - 2527	ND*	Spirotetramat	>306	ND*
Flonicamid	44 - 2527	ND*	Spiroxamine 1	15 - 2527	N/A
Fludioxonil	>309	ND*	Spiroxamine 2	19 - 2527	N/A
Hexythiazox	44 - 2527	ND*	Tebuconazole	313 - 2527	ND*
Imazalil	291 - 2527	ND*	Thiacloprid	43 - 2527	ND*
Imidacloprid	48 - 2527	ND*	Thiamethoxam	41 - 2527	ND*
Kresoxim-methyl	49 - 2527	ND*	Trifloxystrobin	44 - 2527	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



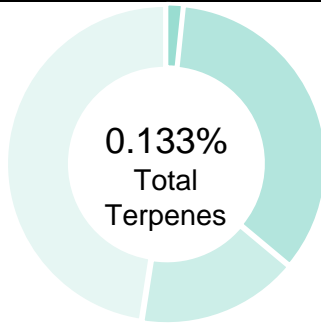
 Greg Zimpfer  
 13-Jul-2020  
 6:59 PM

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**A0035S**

<b>Batch ID:</b>		<b>Test ID:</b>	6090757.006
<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	0.058	0.58
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.042	0.42
(-)-Caryophyllene Oxide	0.007	0.07
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.020	0.2
(-)-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	0.004	0.04
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>0.133%</b>	<b>1.33</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	0.042%
alpha-Humulene	0.020%
(-)-alpha-Bisabolol	0.058%

**NOTES:**

0

**FINAL APPROVAL**

 Ryan Weems 14-Jul-2020 5:46 PM	 Ben Minton 14-Jul-2020 6:32 PM
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A0035S

<b>Batch ID:</b>		<b>Test ID:</b>	T000085097
<b>Reported:</b>	13-Jul-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	101 - 2020	*ND
Butanes (Isobutane, n-Butane)	177 - 3537	*ND
Methanol	60 - 1208	*ND
Pentane	95 - 1903	*ND
Ethanol	96 - 1928	*ND
Acetone	97 - 1941	*ND
Isopropyl Alcohol	105 - 2093	*ND
Hexane	6 - 120	*ND
Ethyl Acetate	99 - 1977	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	95 - 1894	*ND
Toluene	18 - 354	*ND
Xylenes (m,p,o-Xylenes)	128 - 2557	*ND

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

NOTES:  
N/A

## FINAL APPROVAL

Daniel Weidensaul  
13-Jul-2020  
3:38 PMBen Minton  
13-Jul-2020  
4:42 PM

PREPARED BY / DATE

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