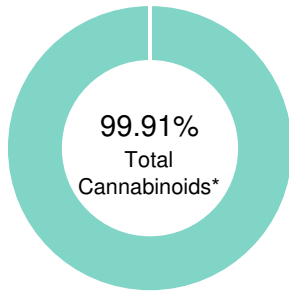


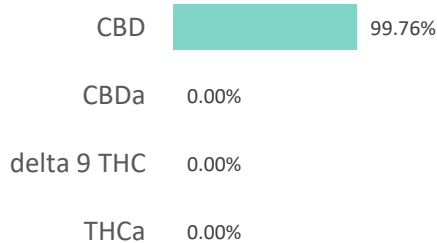
Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	t000103315
<b>Type:</b>	Concentrate	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Potency	<b>Started:</b>	10/16/2020
<b>Method:</b>	TM14	<b>Reported:</b>	10/19/2020

## CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.37	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.18	ND	ND
Cannabidiolic acid (CBDA)	0.16	ND	ND
Cannabidiol (CBD)	0.34	99.76	997.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.20	ND	ND
Cannabinolic Acid (CBNA)	0.51	ND	ND
Cannabinol (CBN)	0.22	ND	ND
Cannabigerolic acid (CBGA)	0.32	ND	ND
Cannabigerol (CBG)	0.18	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.31	ND	ND
Tetrahydrocannabivarin (THCV)	0.16	ND	ND
Cannabidivarinic Acid (CBDVA)	0.15	ND	ND
Cannabidivarin (CBDV)	0.08	0.15	1.5
Cannabichromenic Acid (CBCA)	0.28	ND	ND
Cannabichromene (CBC)	0.32	ND	ND
<b>Total Cannabinoids</b>		<b>99.91</b>	<b>999.1</b>
<b>Total Potential THC**</b>		<b>ND</b>	<b>ND</b>
<b>Total Potential CBD**</b>		<b>99.76</b>	<b>997.6</b>



### 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

 Tyler Wiese 19-Oct-2020 4:30 PM	 Ben Minton 19-Oct-2020 5:02 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	T000103318
<b>Type:</b>	Concentrate	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Terpenes	<b>Started:</b>	10/15/2020
<b>Method:</b>	TM10	<b>Reported:</b>	10/20/2020

## TERPENE PROFILE

0.000%  
Total  
Terpenes

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.000	0
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.000	0
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
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>0.000%</b>	<b>0.00</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	0.000%
beta-Caryophyllene	0.000%
alpha-Humulene	0.000%
(-)-alpha-Bisabolol	0.000%

## NOTES:

0

## FINAL APPROVAL

  
Daniel Weidensaul  
20-Oct-2020  
11:25 AM

  
Greg Zimpfer  
20-Oct-2020  
3:50 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	T000103320
<b>Type:</b>	Other	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Metals	<b>Started:</b>	10/19/2020
<b>Method:</b>	TM19	<b>Reported:</b>	10/20/2020

**HEAVY METALS**


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.092 - 9.19	ND
Cadmium	0.088 - 8.76	ND
Mercury	0.087 - 8.70	ND
Lead	0.093 - 9.32	ND

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

**FINAL APPROVAL**

Ryan Weems  
20-Oct-2020  
2:38 PM

PREPARED BY / DATE



Ben Minton  
20-Oct-2020  
4:24 PM

APPROVED BY / DATE

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Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	T000103317
<b>Type:</b>	MIP	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	10/16/2020
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	10/19/2020

## 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>STEC and 0157 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

  
Tori King  
19-Oct-2020  
3:44 PM

PREPARED BY / DATE

  
Greg Zimpfer  
19-Oct-2020  
7:06 PM

APPROVED BY / DATE

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Certificate #4329.03

Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	T000103316
<b>Type:</b>	Concentrate	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	10/19/2020
<b>Method:</b>	TM04	<b>Reported:</b>	10/19/2020

RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	99 - 1970	*ND
Butanes (Isobutane, n-Butane)	192 - 3850	*ND
Methanol	62 - 1243	*ND
Pentane	100 - 2007	*ND
Ethanol	99 - 1972	*ND
Acetone	102 - 2039	*ND
Isopropyl Alcohol	108 - 2155	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	102 - 2032	*ND
Benzene	0.2 - 4	*ND
Heptanes	99 - 1989	*ND
Toluene	18 - 363	*ND
Xylenes (m,p,o-Xylenes)	131 - 2626	*ND

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

NOTES:  
N/A

FINAL APPROVAL

  
 Ryan Weems  
 19-Oct-2020  
 5:31 PM  
 PREPARED BY / DATE

  
 Greg Zimpfer  
 19-Oct-2020  
 7:12 PM  
 APPROVED BY / DATE

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Certificate #4329.02

Lot: 40010

<b>Batch ID:</b>	0101520	<b>Test ID:</b>	T000103319
<b>Type:</b>	Concentrate	<b>Submitted:</b>	10/15/2020 @ 09:09 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	10/19/2020
<b>Method:</b>		<b>Reported:</b>	10/20/2020


## PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2422	ND*	Malathion	289 - 2422	ND*
Acetamiprid	40 - 2422	ND*	Metalaxyl	46 - 2422	ND*
Abamectin	>323	ND*	Methiocarb	42 - 2422	ND*
Azoxystrobin	47 - 2422	ND*	Methomyl	42 - 2422	ND*
Bifenazate	45 - 2422	ND*	MGK 264 1	145 - 2422	ND*
Boscalid	48 - 2422	ND*	MGK 264 2	112 - 2422	ND*
Carbaryl	41 - 2422	ND*	Myclobutanil	43 - 2422	ND*
Carbofuran	41 - 2422	ND*	Naled	47 - 2422	ND*
Chlorantraniliprole	51 - 2422	ND*	Oxamyl	38 - 2422	ND*
Chlorpyrifos	40 - 2422	ND*	Paclobutrazol	43 - 2422	ND*
Clofentezine	282 - 2422	ND*	Permethrin	257 - 2422	ND*
Diazinon	282 - 2422	ND*	Phosmet	46 - 2422	ND*
Dichlorvos	>277	ND*	Prophos	292 - 2422	ND*
Dimethoate	39 - 2422	ND*	Propoxur	42 - 2422	ND*
E-Fenpyroximate	269 - 2422	ND*	Pyridaben	289 - 2422	ND*
Etofenprox	41 - 2422	ND*	Spinosad A	26 - 2422	ND*
Etoxazole	285 - 2422	ND*	Spinosad D	78 - 2422	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>260	ND*
Fipronil	53 - 2422	ND*	Spirotetramat	>311	ND*
Flonicamid	46 - 2422	ND*	Spiroxamine 1	17 - 2422	ND*
Fludioxonil	>290	ND*	Spiroxamine 2	23 - 2422	ND*
Hexythiazox	39 - 2422	ND*	Tebuconazole	303 - 2422	ND*
Imazalil	279 - 2422	ND*	Thiacloprid	39 - 2422	ND*
Imidacloprid	38 - 2422	ND*	Thiamethoxam	36 - 2422	ND*
Kresoxim-methyl	46 - 2422	ND*	Trifloxystrobin	43 - 2422	ND*

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

N/A

## FINAL APPROVAL

  
 Sam Smith  
 20-Oct-2020  
 2:30 PM

  
 Ben Minton  
 20-Oct-2020  
 4:32 PM

PREPARED BY / DATE

APPROVED BY / DATE

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