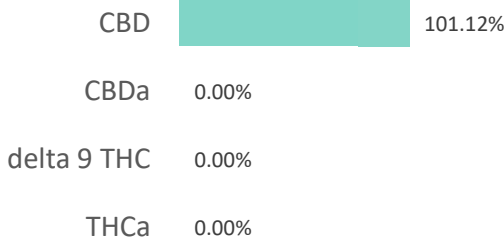
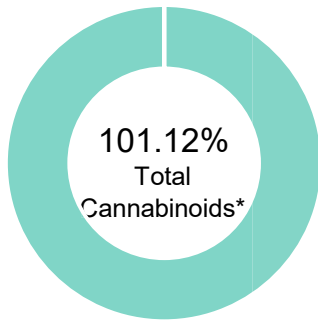


3009-593-032620I

<b>Batch ID:</b>	3009-593-032620	<b>Test ID:</b>	8667326.0034
<b>Reported:</b>	15-Apr-2020	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.24	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.12	ND	ND
Cannabidiolic acid (CBDA)	0.40	ND	ND
Cannabidiol (CBD)	0.22	101.12	1011.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.13	ND	ND
Cannabinolic Acid (CBNA)	0.32	ND	ND
Cannabinol (CBN)	0.14	ND	ND
Cannabigerolic acid (CBGA)	0.21	ND	ND
Cannabigerol (CBG)	0.12	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.20	ND	ND
Tetrahydrocannabivarin (THCV)	0.11	ND	ND
Cannabidivarinic Acid (CBDVA)	0.37	ND	ND
Cannabidivarin (CBDV)	0.20	ND	ND
Cannabichromenic Acid (CBCA)	0.18	ND	ND
Cannabichromene (CBC)	0.21	ND	ND
<b>Total Cannabinoids</b>		<b>101.12</b>	<b>1011.20</b>
Total Potential THC**		ND	ND
Total Potential CBD**		101.12	1011.20

**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.

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**

*Mara Miller*  
Mara Miller  
15-Apr-2020  
4:04 PM

*Greg Zimpfer*  
Greg Zimpfer  
15-Apr-2020  
5:33 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

**3009-593-0326201**


<b>Batch ID:</b>	3009-593-032620	<b>Test ID:</b>	9741514.0031
<b>Reported:</b>	14-Apr-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	53 - 2463	ND*	Malathion	319 - 2463	ND*
Acetamiprid	53 - 2463	ND*	Metalaxyl	53 - 2463	ND*
Abamectin	>319	ND*	Methiocarb	53 - 2463	ND*
Azoxystrobin	53 - 2463	ND*	Methomyl	53 - 2463	ND*
Bifenazate	53 - 2463	ND*	MGK 264 1	319 - 2463	ND*
Boscalid	53 - 2463	ND*	MGK 264 2	319 - 2463	ND*
Carbaryl	53 - 2463	ND*	Myclobutanil	53 - 2463	ND*
Carbofuran	53 - 2463	ND*	Naled	53 - 2463	ND*
Chlorantraniliprole	53 - 2463	ND*	Oxamyl	53 - 2463	ND*
Chlorpyrifos	53 - 2463	ND*	Paclobutrazol	53 - 2463	ND*
Clofentezine	319 - 2463	ND*	Permethrin	319 - 2463	ND*
Diazinon	319 - 2463	ND*	Phosmet	53 - 2463	ND*
Dichlorvos	>319	ND*	Prophos	319 - 2463	ND*
Dimethoate	53 - 2463	ND*	Propoxur	53 - 2463	ND*
E-Fenpyroximate	53 - 2463	ND*	Pyridaben	53 - 2463	ND*
Etofenprox	53 - 2463	ND*	Spinosad A	53 - 2463	ND*
Etoxazole	319 - 2463	ND*	Spinosad D	319 - 2463	ND*
Fenoxycarb	>53	ND*	Spiromesifen	>319	ND*
Fipronil	53 - 2463	ND*	Spirotetramat	>319	ND*
Flonicamid	53 - 2463	ND*	Spiroxamine 1	53 - 2463	ND*
Fludioxonil	>319	ND*	Spiroxamine 2	53 - 2463	ND*
Hexythiazox	53 - 2463	ND*	Tebuconazole	319 - 2463	ND*
Imazalil	319 - 2463	ND*	Thiacloprid	53 - 2463	ND*
Imidacloprid	53 - 2463	ND*	Thiamethoxam	53 - 2463	ND*
Kresoxim-methyl	53 - 2463	ND*	Trifloxystrobin	53 - 2463	ND*

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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 14-Apr-2020  
 8:30 PM  
 PREPARED BY / DATE


 Ben Minton  
 14-Apr-2020  
 9:18 PM  
 APPROVED BY / DATE

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3009-593-032620I

<b>Batch ID:</b>	3009-593-032620	<b>Test ID:</b>	T000071398
<b>Reported:</b>	16-Apr-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

**HEAVY METALS**

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.06	ND
Cadmium	0.072 - 7.19	ND
Mercury	0.053 - 5.35	ND
Lead	0.070 - 6.97	ND

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

**FINAL APPROVAL**Alex Smith  
16-Apr-2020  
6:46 AM

PREPARED BY / DATE

Greg Zimpfer  
16-Apr-2020  
10:01 AM

APPROVED BY / DATE

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**3009-593-032620I**

<b>Batch ID:</b>	3009-593-032620	<b>Test ID:</b>	T000071395
<b>Reported:</b>	15-Apr-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

**RESIDUAL SOLVENTS**


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	95 - 1904	*ND
Butanes (Isobutane, n-Butane)	190 - 3805	*ND
Methanol	62 - 1239	*ND
Pentane	101 - 2020	*ND
Ethanol	92 - 1842	*ND
Acetone	105 - 2100	*ND
Isopropyl Alcohol	106 - 2129	*ND
Hexane	7 - 132	*ND
Ethyl Acetate	104 - 2083	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	102 - 2049	188
Toluene	19 - 374	*ND
Xylenes (m,p,o-Xylenes)	133 - 2669	*ND

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

NOTES:  
N/A**FINAL APPROVAL**

Taylor Brevik  
15-Apr-2020  
2:52 PM

PREPARED BY / DATE



Greg Zimpfer  
15-Apr-2020  
8:15 PM

APPROVED BY / DATE

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Certificate #4329.02

3009-593-032920I

<b>Batch ID:</b>	3009-593-032920	<b>Test ID:</b>	T000071098
<b>Reported:</b>	16-Apr-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

Coliforms: None Detected

## FINAL APPROVAL

Sarah Henning  
16-Apr-2020  
3:39 PMBen Minton  
16-Apr-2020  
7:43 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03