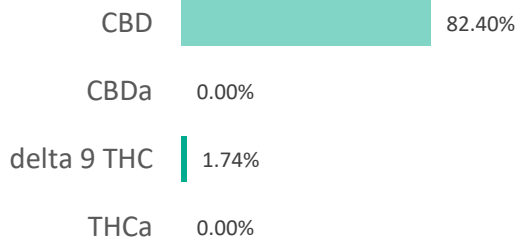
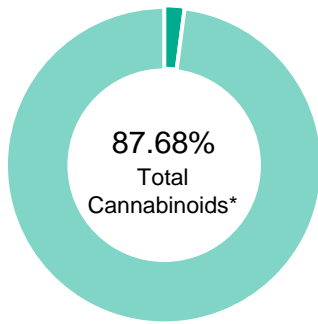


**Bulk CBD Distillate**

<b>Batch ID:</b>	D0018/22	<b>Test ID:</b>	T000101008
<b>Reported:</b>	8-Oct-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)	0.26	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.13	1.74	17.4
Cannabidiolic acid (CBDA)	0.08	ND	ND
Cannabidiol (CBD)	0.17	82.40	824.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.36	ND	ND
Cannabinol (CBN)	0.16	ND	ND
Cannabigerolic acid (CBGA)	0.23	ND	ND
Cannabigerol (CBG)	0.13	0.51	5.1
Tetrahydrocannabivarinic Acid (THCVA)	0.22	ND	ND
Tetrahydrocannabivarin (THCV)	0.11	ND	ND
Cannabidivarinic Acid (CBDVA)	0.08	ND	ND
Cannabidivarin (CBDV)	0.04	0.20	2.0
Cannabichromenic Acid (CBCA)	0.20	ND	ND
Cannabichromene (CBC)	0.23	2.83	28.3
<b>Total Cannabinoids</b>		<b>87.68</b>	<b>876.8</b>
Total Potential THC**		1.74	17.4
Total Potential CBD**		82.40	824.0

**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 8-Oct-2020 2:12 PM	 Ben Minton 8-Oct-2020 6:09 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

**Bulk CBD Distillate**

<b>Batch ID:</b>	D0018/22	<b>Test ID:</b>	T000101009
<b>Type:</b>	Concentrate	<b>Submitted:</b>	10/06/2020 @ 10:08 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	10/8/2020
<b>Method:</b>	TM04	<b>Reported:</b>	10/8/2020


**RESIDUAL SOLVENTS**


Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	89 - 1777	*ND
<b>Butanes</b> (Isobutane, n-Butane)	181 - 3618	*ND
<b>Methanol</b>	61 - 1230	*ND
<b>Pentane</b>	98 - 1954	*ND
<b>Ethanol</b>	95 - 1905	*ND
<b>Acetone</b>	100 - 2003	*ND
<b>Isopropyl Alcohol</b>	104 - 2081	*ND
<b>Hexane</b>	6 - 122	*ND
<b>Ethyl Acetate</b>	100 - 2004	*ND
<b>Benzene</b>	0.2 - 4	*ND
<b>Heptanes</b>	98 - 1957	*ND
<b>Toluene</b>	18 - 360	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	132 - 2638	*ND

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

NOTES:  
N/A

**FINAL APPROVAL**

  
 Sam Smith  
 8-Oct-2020  
 4:46 PM  
 PREPARED BY / DATE

  
 Ben Minton  
 8-Oct-2020  
 6:22 PM  
 APPROVED BY / DATE

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Certificate #4329.02

**Bulk CBD Distillate**

<b>Batch ID:</b>	D0018/22	<b>Test ID:</b>	T000101011
<b>Reported:</b>	7-Oct-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	39 - 2475	ND*	Malathion	283 - 2475	ND*
Acetamiprid	41 - 2475	ND*	Metalaxyl	44 - 2475	ND*
Abamectin	>209	ND*	Methiocarb	40 - 2475	ND*
Azoxystrobin	46 - 2475	ND*	Methomyl	43 - 2475	ND*
Bifenazate	44 - 2475	ND*	MGK 264 1	159 - 2475	ND*
Boscalid	32 - 2475	ND*	MGK 264 2	111 - 2475	ND*
Carbaryl	38 - 2475	ND*	Myclobutanil	43 - 2475	ND*
Carbofuran	45 - 2475	ND*	Naled	39 - 2475	ND*
Chlorantraniliprole	45 - 2475	ND*	Oxamyl	41 - 2475	ND*
Chlorpyrifos	41 - 2475	ND*	Paclobutrazol	46 - 2475	ND*
Clofentezine	283 - 2475	ND*	Permethrin	296 - 2475	ND*
Diazinon	281 - 2475	ND*	Phosmet	45 - 2475	ND*
Dichlorvos	>274	ND*	Prophos	286 - 2475	ND*
Dimethoate	42 - 2475	ND*	Propoxur	42 - 2475	ND*
E-Fenpyroximate	294 - 2475	ND*	Pyridaben	286 - 2475	ND*
Etofenprox	41 - 2475	ND*	Spinosad A	31 - 2475	ND*
Etoxazole	295 - 2475	ND*	Spinosad D	83 - 2475	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>280	ND*
Fipronil	52 - 2475	ND*	Spirotetramat	>273	ND*
Flonicamid	52 - 2475	ND*	Spiroxamine 1	18 - 2475	ND*
Fludioxonil	>271	ND*	Spiroxamine 2	23 - 2475	ND*
Hexythiazox	41 - 2475	ND*	Tebuconazole	301 - 2475	ND*
Imazalil	274 - 2475	ND*	Thiacloprid	39 - 2475	ND*
Imidacloprid	42 - 2475	ND*	Thiamethoxam	41 - 2475	ND*
Kresoxim-methyl	48 - 2475	ND*	Trifloxystrobin	45 - 2475	ND*


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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 7-Oct-2020  
 3:54 PM

PREPARED BY / DATE

 Greg Zimpfer  
 7-Oct-2020  
 5:48 PM

APPROVED BY / DATE

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**Bulk CBD Distillate**

<b>Batch ID:</b>	D0018/22	<b>Test ID:</b>	T000101012
<b>Reported:</b>	8-Oct-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

**HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.069 - 6.87	ND
Cadmium	0.074 - 7.38	ND
Mercury	0.070 - 7.02	ND
Lead	0.072 - 7.19	ND

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

**FINAL APPROVAL**  
Alex Smith  
8-Oct-2020  
5:14 AM

PREPARED BY / DATE

  
Ben Minton  
8-Oct-2020  
2:24 PM

APPROVED BY / DATE

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**Bulk CBD Distillate**

<b>Batch ID:</b>	D0018/22	<b>Test ID:</b>	T000101010
<b>Reported:</b>	10-Oct-2020	<b>Method:</b>	TM24, TM25, TM26, TM27, TM28
<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>	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**  
Robert Belfon  
10-Oct-2020  
6:23 PM  
Scott Hansen  
10-Oct-2020  
6:50 PM

PREPARED BY / DATE

APPROVED BY / DATE

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