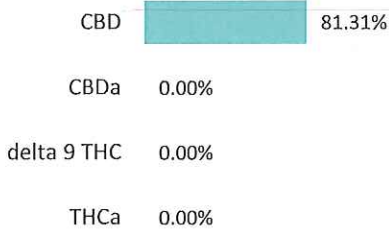
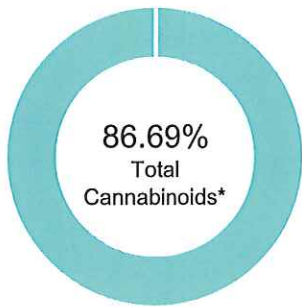


**ACM 16F**

<b>Batch ID:</b>		<b>Test ID:</b>	T000128154
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/08/2021 @ 09:52 AM
<b>Test:</b>	Potency	<b>Started:</b>	3/8/2021
<b>Method:</b>	TM14	<b>Reported:</b>	3/9/2021

**CANNABINOID PROFILE**



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.15	ND	ND
Cannabidiolic acid (CBDA)	0.17	ND	ND
Cannabidiol (CBD)	0.16	81.31	813.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	5.05	50.5
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	0.33	3.3
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	ND	ND
<b>Total Cannabinoids</b>		<b>86.69</b>	<b>866.9</b>
Total Potential THC**		ND	ND
Total Potential CBD**		81.31	813.1

**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**

  
 Ryan Weems  
 9-Mar-2021  
 3:58 PM

PREPARED BY / DATE

  
 Greg Zimpfer  
 9-Mar-2021  
 6:59 PM

APPROVED BY / DATE

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ACM 16F

Batch ID:		Test ID:	T000128158
Type:	Concentrate	Submitted:	03/08/2021 @ 09:52 AM
Test:	Residual Solvents	Started:	3/9/2021
Method:	TM04	Reported:	3/10/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	91 - 1830	*ND
Butanes (Isobutane, n-Butane)	179 - 3589	*ND
Methanol	51 - 1029	*ND
Pentane	84 - 1679	*ND
Ethanol	80 - 1602	*ND
Acetone	85 - 1695	*ND
Isopropyl Alcohol	84 - 1683	*ND
Hexane	5 - 102	*ND
Ethyl Acetate	83 - 1652	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	86 - 1720	*ND
Toluene	15 - 301	*ND
Xylenes (m,p,o-Xylenes)	105 - 2105	*ND

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

 NOTES:  
 N/A

## FINAL APPROVAL



 Taylor Brevik  
 10-Mar-2021  
 12:12 PM



 Greg Zimpfer  
 10-Mar-2021  
 2:38 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

## ACM 16F

Batch ID:	N/A	Test ID:	T000128157
Type:	Concentrate	Submitted:	03/08/2021 @ 09:52 AM
Test:	Metals	Started:	3/8/2021
Method:	TM19	Reported:	3/10/2021

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.072 - 7.19	ND
Cadmium	0.075 - 7.47	ND
Mercury	0.071 - 7.09	ND
Lead	0.076 - 7.64	ND

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

## FINAL APPROVAL



Ryan Weems  
10-Mar-2021  
11:03 AM



Greg Zimpfer  
10-Mar-2021  
2:48 PM

PREPARED BY / DATE

APPROVED BY / DATE

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ACM 16F

Batch ID:	N/A	Test ID:	T000128155
Type:	Concentrate	Submitted:	03/08/2021 @ 09:52 AM
Test:	Trace THC	Started:	3/9/2021
Method:	TM20	Reported:	3/10/2021

## TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0 - 0.674	0.104	1.04
Delta 9-Tetrahydrocannabinolic acid (THCa-A)	0.001 - 1.35	ND**	ND**
Total Potential THC*		0.104	1.04

## NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Total Potential THC 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))

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

\*\*\* ALOQ = Above Limit Of Quantitation (Defined by Dynamic Range of the method)

## FINAL APPROVAL

Ryan Weems  
10-Mar-2021  
12:25 PMGreg Zimpfer  
10-Mar-2021  
3:36 PM

PREPARED BY / DATE

APPROVED BY / DATE

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**ACM 16F**

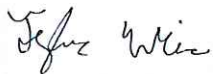
<b>Batch ID:</b>		<b>Test ID:</b>	T000128156
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/08/2021 @ 09:52 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	3/9/2021
<b>Method:</b>	TM17	<b>Reported:</b>	3/10/2021

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2494	ND*	Malathion	289 - 2494	ND*
Acetamiprid	44 - 2494	ND*	Metalaxyl	39 - 2494	ND*
Abamectin	>222	ND*	Methiocarb	44 - 2494	ND*
Azoxystrobin	42 - 2494	ND*	Methomyl	41 - 2494	ND*
Bifenazate	43 - 2494	ND*	MGK 264 1	161 - 2494	ND*
Boscalid	42 - 2494	ND*	MGK 264 2	116 - 2494	ND*
Carbaryl	40 - 2494	ND*	Myclobutanil	47 - 2494	ND*
Carbofuran	44 - 2494	ND*	Naled	48 - 2494	ND*
Chlorantraniliprole	40 - 2494	ND*	Oxamyl	43 - 2494	ND*
Chlorpyrifos	36 - 2494	ND*	Paclobutrazol	45 - 2494	ND*
Clofentezine	288 - 2494	ND*	Permethrin	280 - 2494	ND*
Diazinon	279 - 2494	ND*	Phosmet	42 - 2494	ND*
Dichlorvos	>272	ND*	Prophos	289 - 2494	ND*
Dimethoate	45 - 2494	ND*	Propoxur	42 - 2494	ND*
E-Fenpyroximate	291 - 2494	ND*	Pyridaben	267 - 2494	ND*
Etofenprox	38 - 2494	ND*	Spinosad A	30 - 2494	ND*
Etoxazole	270 - 2494	ND*	Spinosad D	73 - 2494	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>252	ND*
Fipronil	53 - 2494	ND*	Spirotetramat	>275	ND*
Fonicamid	52 - 2494	ND*	Spiroxamine 1	17 - 2494	ND*
Fludioxonil	>316	ND*	Spiroxamine 2	22 - 2494	ND*
Hexythiazox	33 - 2494	ND*	Tebuconazole	296 - 2494	ND*
Imazalil	280 - 2494	ND*	Thiacloprid	44 - 2494	ND*
Imidacloprid	45 - 2494	ND*	Thiamethoxam	42 - 2494	ND*
Kresoxim-methyl	45 - 2494	ND*	Trifloxystrobin	42 - 2494	ND*

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

N/A

**FINAL APPROVAL**


Tyler Wiese  
10-Mar-2021  
3:12 PM



Ben Minton  
10-Mar-2021  
3:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## ACM 16F Microbials

Batch ID:	N/A	Test ID:	T000128159
Type:	Concentrate	Submitted:	03/08/2021 @ 09:52 AM
Test:	Microbial Contaminants	Started:	3/8/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	3/11/2021

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	BLOQ
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>E. coli (STEC)</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: BLOQ | Below limit of quantitation

## FINAL APPROVAL

Sarah Henning  
11-Mar-2021  
4:01 PMBen Minton  
11-Mar-2021  
5:31 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03