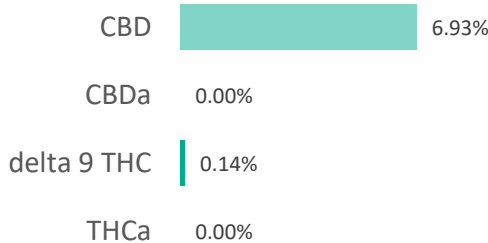
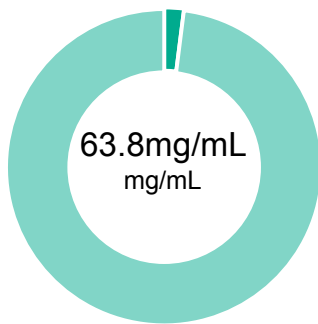


G022

Batch ID:		Test ID:	6707639.0031
Reported:	29-May-2020	Method:	TM14
Type:	Solution		
Test:	Potency		


CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.60	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.30	1.30	1.4
Cannabidiolic acid (CBDA)	0.76	ND	ND
Cannabidiol (CBD)	0.43	63.80	69.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.33	ND	ND
Cannabinolic Acid (CBNA)	0.83	ND	ND
Cannabinol (CBN)	0.37	ND	ND
Cannabigerolic acid (CBGA)	0.53	ND	ND
Cannabigerol (CBG)	0.30	1.80	1.9
Tetrahydrocannabivarinic Acid (THCVA)	0.52	ND	ND
Tetrahydrocannabivarin (THCV)	0.27	ND	ND
Cannabidivarinic Acid (CBDVA)	0.71	ND	ND
Cannabidivarin (CBDV)	0.39	0.90	0.9
Cannabichromenic Acid (CBCA)	0.45	ND	ND
Cannabichromene (CBC)	0.54	2.40	2.6
Total Cannabinoids		70.20	76.14
Total Potential THC**		1.30	1.41
Total Potential CBD**		63.80	69.30

% = % (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)

NOTES:
 Density = 0.92g/mL
 N/A

FINAL APPROVAL


Ryan Weems
 29-May-2020
 2:24 PM


Ben Minton
 29-May-2020
 2:56 PM

PREPARED BY / DATE

APPROVED BY / DATE

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G022

Batch ID:	N/A	Test ID:	T000077843
Reported:	2-Jun-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.067 - 6.70	ND
Cadmium	0.068 - 6.85	ND
Mercury	0.062 - 6.18	ND
Lead	0.066 - 6.58	ND

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

FINAL APPROVAL



Ryan Weems
2-Jun-2020
12:26 PM

PREPARED BY / DATE



Ben Minton
2-Jun-2020
5:25 PM

APPROVED BY / DATE

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G022

Batch ID:	N/A	Test ID:	T000077840
Reported:	31-May-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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 APPROVALSarah Henning
31-May-2020
1:07 PMGreg Zimpfer
31-May-2020
7:21 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

G022


Batch ID:		Test ID:	6366377.0015
Reported:	1-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2477	ND*	Malathion	321 - 2477	ND*
Acetamiprid	54 - 2477	ND*	Metalaxyl	54 - 2477	ND*
Abamectin	>321	ND*	Methiocarb	54 - 2477	ND*
Azoxystrobin	54 - 2477	ND*	Methomyl	54 - 2477	ND*
Bifenazate	54 - 2477	ND*	MGK 264 1	321 - 2477	ND*
Boscalid	54 - 2477	ND*	MGK 264 2	321 - 2477	ND*
Carbaryl	54 - 2477	ND*	Myclobutanil	54 - 2477	ND*
Carbofuran	54 - 2477	ND*	Naled	54 - 2477	ND*
Chlorantraniliprole	54 - 2477	ND*	Oxamyl	54 - 2477	ND*
Chlorpyrifos	54 - 2477	ND*	Paclobutrazol	54 - 2477	ND*
Clofentezine	321 - 2477	ND*	Permethrin	321 - 2477	ND*
Diazinon	321 - 2477	ND*	Phosmet	54 - 2477	ND*
Dichlorvos	>321	ND*	Prophos	321 - 2477	ND*
Dimethoate	54 - 2477	ND*	Propoxur	54 - 2477	ND*
E-Fenproximate	54 - 2477	ND*	Pyridaben	54 - 2477	ND*
Etofenprox	54 - 2477	ND*	Spinosad A	54 - 2477	ND*
Etoxazole	321 - 2477	ND*	Spinosad D	321 - 2477	ND*
Fenoxycarb	>54	ND*	Spiromesifen	>321	ND*
Fipronil	54 - 2477	ND*	Spirotetramat	>321	ND*
Flonicamid	54 - 2477	ND*	Spiroxamine 1	54 - 2477	ND*
Fludioxonil	>321	ND*	Spiroxamine 2	54 - 2477	ND*
Hexythiazox	54 - 2477	ND*	Tebuconazole	321 - 2477	ND*
Imazalil	321 - 2477	ND*	Thiacloprid	54 - 2477	ND*
Imidacloprid	54 - 2477	ND*	Thiamethoxam	54 - 2477	ND*
Kresoxim-methyl	54 - 2477	ND*	Trifloxystrobin	54 - 2477	ND*

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

N/A

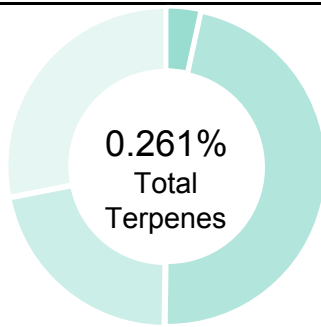
FINAL APPROVAL

 Tyler Wiese
 1-Jun-2020
 4:43 PM
 PREPARED BY / DATE


 Greg Zimpfer
 1-Jun-2020
 5:12 PM
 APPROVED BY / DATE

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G022

Batch ID:		Test ID:	9483610.0025
Reported:	2-Jun-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.066	0.66
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.110	1.1
(-)-Caryophyllene Oxide	0.023	0.23
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.051	0.51
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.008	0.08
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.003	0.03
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
	0.261%	2.61

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	0.008%
beta-Caryophyllene	0.110%
alpha-Humulene	0.051%
(-)-alpha-Bisabolol	0.066%

NOTES:

0

FINAL APPROVAL

 Ryan Weems 2-Jun-2020 3:55 PM	 Ben Minton 2-Jun-2020 6:15 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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G022

Batch ID:		Test ID:	T000077839
Reported:	1-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	94 - 1884	*ND
Butanes (Isobutane, n-Butane)	189 - 3781	*ND
Methanol	58 - 1169	*ND
Pentane	81 - 1611	*ND
Ethanol	78 - 1567	144
Acetone	96 - 1924	*ND
Isopropyl Alcohol	101 - 2016	*ND
Hexane	6 - 117	*ND
Ethyl Acetate	96 - 1926	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	87 - 1749	*ND
Toluene	18 - 350	*ND
Xylenes (m,p,o-Xylenes)	129 - 2575	*ND

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


NOTES:
N/A

FINAL APPROVAL



Ryan Weems
1-Jun-2020
3:00 PM

PREPARED BY / DATE



Greg Zimpfer
1-Jun-2020
4:39 PM

APPROVED BY / DATE

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