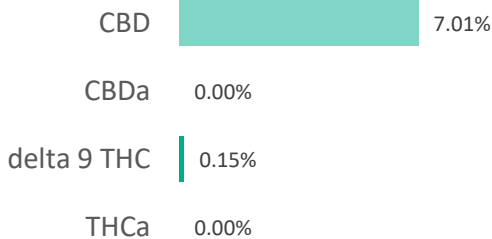
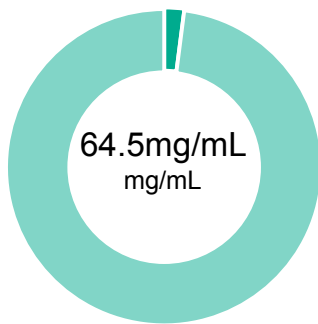


H022

Batch ID:		Test ID:	6707639.0032
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	1.5
Cannabidiolic acid (CBDA)	0.76	ND	ND
Cannabidiol (CBD)	0.43	64.50	70.1
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	1.70	1.8
Tetrahydrocannabivarinic Acid (THCVA)	0.52	ND	ND
Tetrahydrocannabivarin (THCV)	0.27	ND	ND
Cannabidivarinic Acid (CBDVA)	0.71	ND	ND
Cannabidivarin (CBDV)	0.39	0.80	0.9
Cannabichromenic Acid (CBCA)	0.45	ND	ND
Cannabichromene (CBC)	0.54	2.40	2.6
Total Cannabinoids		70.70	76.93
Total Potential THC**		1.30	1.46
Total Potential CBD**		64.50	70.14

% = % (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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H022

Batch ID:	N/A	Test ID:	T000077849
Reported:	2-Jun-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.061 - 6.09	ND
Cadmium	0.062 - 6.23	ND
Mercury	0.056 - 5.62	ND
Lead	0.060 - 5.98	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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H022

Batch ID:	N/A	Test ID:	T000077846
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

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Certificate #4329.03

H022


Batch ID:		Test ID:	6366377.0016
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	53 - 2475	ND*	Malathion	321 - 2475	ND*
Acetamiprid	53 - 2475	ND*	Metalaxyl	53 - 2475	ND*
Abamectin	>321	ND*	Methiocarb	53 - 2475	ND*
Azoxystrobin	53 - 2475	ND*	Methomyl	53 - 2475	ND*
Bifenazate	53 - 2475	ND*	MGK 264 1	321 - 2475	ND*
Boscalid	53 - 2475	ND*	MGK 264 2	321 - 2475	ND*
Carbaryl	53 - 2475	ND*	Myclobutanil	53 - 2475	ND*
Carbofuran	53 - 2475	ND*	Naled	53 - 2475	ND*
Chlorantraniliprole	53 - 2475	ND*	Oxamyl	53 - 2475	ND*
Chlorpyrifos	53 - 2475	ND*	Paclobutrazol	53 - 2475	ND*
Clofentezine	321 - 2475	ND*	Permethrin	321 - 2475	ND*
Diazinon	321 - 2475	ND*	Phosmet	53 - 2475	ND*
Dichlorvos	>321	ND*	Prophos	321 - 2475	ND*
Dimethoate	53 - 2475	ND*	Propoxur	53 - 2475	ND*
E-Fenproximate	53 - 2475	ND*	Pyridaben	53 - 2475	ND*
Etofenprox	53 - 2475	ND*	Spinosad A	53 - 2475	ND*
Etoxazole	321 - 2475	ND*	Spinosad D	321 - 2475	ND*
Fenoxycarb	>53	ND*	Spiromesifen	>321	ND*
Fipronil	53 - 2475	ND*	Spirotetramat	>321	ND*
Flonicamid	53 - 2475	ND*	Spiroxamine 1	53 - 2475	ND*
Fludioxonil	>321	ND*	Spiroxamine 2	53 - 2475	ND*
Hexythiazox	53 - 2475	ND*	Tebuconazole	321 - 2475	ND*
Imazalil	321 - 2475	ND*	Thiacloprid	53 - 2475	ND*
Imidacloprid	53 - 2475	ND*	Thiamethoxam	53 - 2475	ND*
Kresoxim-methyl	53 - 2475	ND*	Trifloxystrobin	53 - 2475	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



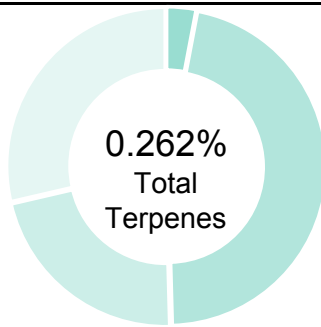
Greg Zimpfer
 1-Jun-2020
 5:12 PM

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H022

Batch ID:		Test ID:	9483610.0026
Reported:	2-Jun-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.067	0.67
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.109	1.09
(-)-Caryophyllene Oxide	0.025	0.25
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	0.007	0.07
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
	0.262%	2.62



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	0.007%
beta-Caryophyllene	0.109%
alpha-Humulene	0.051%
(-)-alpha-Bisabolol	0.067%

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

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H022

Batch ID:		Test ID:	T000077845
Reported:	1-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	93 - 1866	*ND
Butanes (Isobutane, n-Butane)	187 - 3744	*ND
Methanol	58 - 1158	*ND
Pentane	80 - 1595	*ND
Ethanol	78 - 1552	149
Acetone	95 - 1905	*ND
Isopropyl Alcohol	100 - 1997	*ND
Hexane	6 - 116	*ND
Ethyl Acetate	95 - 1907	*ND
Benzene	0.2 - 3.8	*ND
Heptanes	87 - 1732	*ND
Toluene	17 - 347	*ND
Xylenes (m,p,o-Xylenes)	128 - 2550	*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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