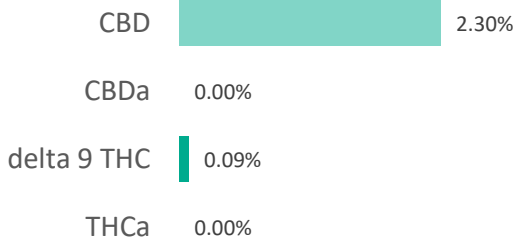
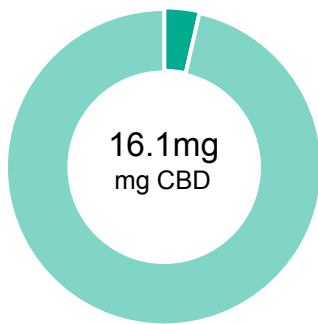


A0037S

Batch ID:	148	Test ID:	5102674.0023
Reported:	4-Jun-2020	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.35	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.17	0.60	0.9
Cannabidiolic acid (CBDA)	0.24	ND	ND
Cannabidiol (CBD)	0.13	16.10	23.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.19	ND	ND
Cannabinolic Acid (CBNA)	0.48	ND	ND
Cannabinol (CBN)	0.21	ND	ND
Cannabigerolic acid (CBGA)	0.30	ND	ND
Cannabigerol (CBG)	0.17	0.40	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.30	ND	ND
Tetrahydrocannabivarin (THCV)	0.16	ND	ND
Cannabidivarinic Acid (CBDVA)	0.22	ND	ND
Cannabidivarin (CBDV)	0.12	0.20	0.3
Cannabichromenic Acid (CBCA)	0.26	ND	ND
Cannabichromene (CBC)	0.31	0.60	0.9
Total Cannabinoids		17.90	25.62
Total Potential THC**		0.60	0.86
Total Potential CBD**		16.10	23.04

% = % (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:

of Servings = 1, Sample Weight=0.69878g

N/A

FINAL APPROVAL


 Karen Winternheimer
4-Jun-2020
12:19 PM



 Ben Minton
4-Jun-2020
3:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

A0037S


Batch ID:	N/A	Test ID:	T000085084
Reported:	14-Jul-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.075 - 7.46	ND
Cadmium	0.076 - 7.55	ND
Mercury	0.071 - 7.10	ND
Lead	0.075 - 7.50	ND

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

FINAL APPROVAL



Ryan Weems
14-Jul-2020
10:34 AM

PREPARED BY / DATE



Ben Minton
14-Jul-2020
3:26 PM

APPROVED BY / DATE

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A0037S

Batch ID:	N/A	Test ID:	T000085081
Reported:	12-Jul-2020	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
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 APPROVAL

Robert Belfon
12-Jul-2020
3:59 PM



Greg Zimpfer
12-Jul-2020
7:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

A0037S


Batch ID:		Test ID:	6479398.0028
Reported:	13-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2504	ND*	Malathion	307 - 2504	ND*
Acetamiprid	44 - 2504	ND*	Metalaxyl	41 - 2504	ND*
Abamectin	>367	ND*	Methiocarb	43 - 2504	ND*
Azoxystrobin	46 - 2504	ND*	Methomyl	41 - 2504	ND*
Bifenazate	38 - 2504	ND*	MGK 264 1	169 - 2504	ND*
Boscalid	35 - 2504	ND*	MGK 264 2	99 - 2504	ND*
Carbaryl	45 - 2504	ND*	Myclobutanil	47 - 2504	ND*
Carbofuran	44 - 2504	ND*	Naled	42 - 2504	ND*
Chlorantraniliprole	49 - 2504	ND*	Oxamyl	39 - 2504	ND*
Chlorpyrifos	40 - 2504	ND*	Paclobutrazol	45 - 2504	ND*
Clofentezine	285 - 2504	ND*	Permethrin	268 - 2504	ND*
Diazinon	300 - 2504	ND*	Phosmet	42 - 2504	ND*
Dichlorvos	>289	ND*	Prophos	300 - 2504	ND*
Dimethoate	43 - 2504	ND*	Propoxur	44 - 2504	ND*
E-Fenpyroximate	28 - 2504	ND*	Pyridaben	42 - 2504	ND*
Etofenprox	42 - 2504	ND*	Spinosad A	30 - 2504	ND*
Etoxazole	299 - 2504	ND*	Spinosad D	79 - 2504	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>295	ND*
Fipronil	58 - 2504	ND*	Spirotetramat	>303	ND*
Flonicamid	44 - 2504	ND*	Spiroxamine 1	15 - 2504	N/A
Fludioxonil	>306	ND*	Spiroxamine 2	18 - 2504	N/A
Hexythiazox	43 - 2504	ND*	Tebuconazole	310 - 2504	ND*
Imazalil	288 - 2504	ND*	Thiacloprid	43 - 2504	ND*
Imidacloprid	47 - 2504	ND*	Thiamethoxam	41 - 2504	ND*
Kresoxim-methyl	49 - 2504	ND*	Trifloxystrobin	44 - 2504	ND*

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

N/A

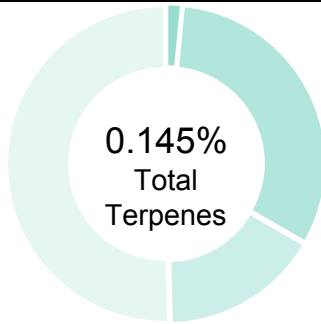
FINAL APPROVAL

 Tyler Wiese
 13-Jul-2020
 5:15 PM
 PREPARED BY / DATE


 Greg Zimpfer
 13-Jul-2020
 6:59 PM
 APPROVED BY / DATE

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A0037S

Batch ID:		Test ID:	6090757.003
Reported:	14-Jul-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.065	0.65
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.041	0.41
(-)-Caryophyllene Oxide	0.011	0.11
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.021	0.21
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.002	0.02
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.005	0.05
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
	0.145%	1.45



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	0.002%
beta-Caryophyllene	0.041%
alpha-Humulene	0.021%
(-)-alpha-Bisabolol	0.065%

NOTES:

0

FINAL APPROVAL

 Ryan Weems 14-Jul-2020 5:46 PM	 Ben Minton 14-Jul-2020 6:32 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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A0037S

Batch ID:		Test ID:	T000085080
Reported:	13-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	103 - 2070	*ND
Butanes (Isobutane, n-Butane)	181 - 3624	*ND
Methanol	62 - 1238	*ND
Pentane	97 - 1950	*ND
Ethanol	99 - 1976	*ND
Acetone	99 - 1989	*ND
Isopropyl Alcohol	107 - 2145	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	101 - 2026	*ND
Benzene	0.2 - 4	*ND
Heptanes	97 - 1941	*ND
Toluene	18 - 363	*ND
Xylenes (m,p,o-Xylenes)	131 - 2620	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
13-Jul-2020
3:38 PMBen Minton
13-Jul-2020
4:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

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