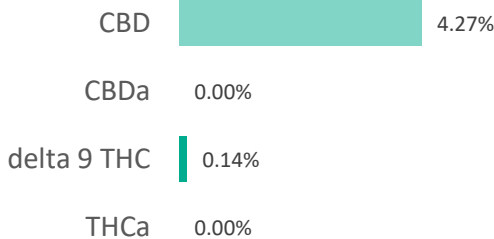
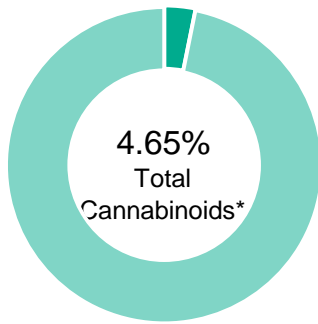


20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis

Batch ID:	433703-04	Test ID:	7204496.0025
Reported:	30-Jun-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	0.14	1.4
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.01	4.27	42.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.00	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.01	0.1
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.10	1.0
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.02	0.2
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.11	1.1
Total Cannabinoids		4.65	46.50
Total Potential THC**		0.14	1.40
Total Potential CBD**		4.27	42.70

% = % (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:
N/A

FINAL APPROVAL

Daniel Weidensaul
 Daniel Weidensaul
 30-Jun-2020
 3:13 PM

Ben Minton
 Ben Minton
 30-Jun-2020
 4:37 PM

PREPARED BY / DATE

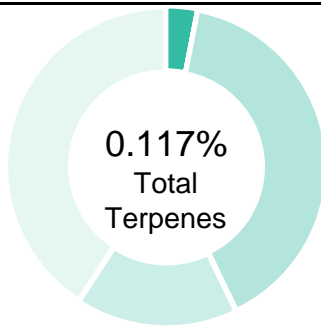
APPROVED BY / DATE

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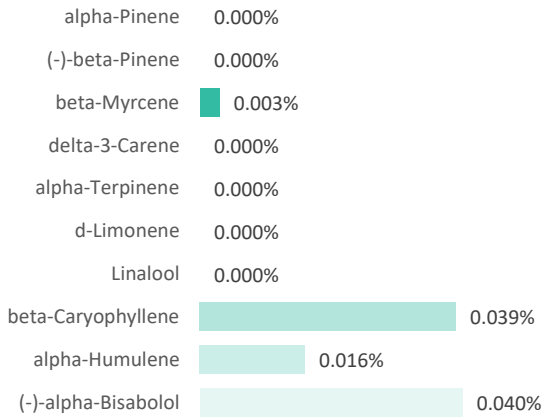


20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis



Batch ID:	433703-04	Test ID:	7577619.004
Reported:	6-Jul-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.040	0.4
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.039	0.39
(-)-Caryophyllene Oxide	0.019	0.19
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.016	0.16
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.003	0.03
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
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
	0.117%	1.17

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

 Michelle Gagnon 2-Jul-2020 4:04 PM	 Ben Minton 6-Jul-2020 11:30 AM
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Certificate #4329.02

20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis

Batch ID:	433703-04	Test ID:	5621504.0015
Reported:	30-Jun-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	62 - 2568	ND*	Malathion	294 - 2568	ND*
Acetamiprid	39 - 2568	ND*	Metalaxyl	47 - 2568	ND*
Abamectin	>454	ND*	Methiocarb	40 - 2568	ND*
Azoxystrobin	47 - 2568	ND*	Methomyl	56 - 2568	ND*
Bifenazate	46 - 2568	ND*	MGK 264 1	205 - 2568	ND*
Boscalid	43 - 2568	ND*	MGK 264 2	131 - 2568	ND*
Carbaryl	46 - 2568	ND*	Myclobutanil	45 - 2568	ND*
Carbofuran	45 - 2568	ND*	Naled	54 - 2568	ND*
Chlorantraniliprole	50 - 2568	ND*	Oxamyl	49 - 2568	ND*
Chlorpyrifos	48 - 2568	ND*	Paclobutrazol	48 - 2568	ND*
Clofentezine	314 - 2568	ND*	Permethrin	319 - 2568	ND*
Diazinon	295 - 2568	ND*	Phosmet	48 - 2568	ND*
Dichlorvos	>341	ND*	Prophos	276 - 2568	ND*
Dimethoate	48 - 2568	ND*	Propoxur	49 - 2568	ND*
E-Fenpyroximate	35 - 2568	ND*	Pyridaben	45 - 2568	ND*
Etofenprox	46 - 2568	ND*	Spinosad A	33 - 2568	ND*
Etoxazole	319 - 2568	ND*	Spinosad D	85 - 2568	ND*
Fenoxycarb	>51	ND*	Spiromesifen	>301	ND*
Fipronil	50 - 2568	ND*	Spirotetramat	>281	ND*
Flonicamid	72 - 2568	ND*	Spiroxamine 1	18 - 2568	ND*
Fludioxonil	>275	ND*	Spiroxamine 2	23 - 2568	ND*
Hexythiazox	51 - 2568	ND*	Tebuconazole	315 - 2568	ND*
Imazalil	305 - 2568	ND*	Thiacloprid	47 - 2568	ND*
Imidacloprid	44 - 2568	ND*	Thiamethoxam	34 - 2568	ND*
Kresoxim-methyl	51 - 2568	ND*	Trifloxystrobin	50 - 2568	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 30-Jun-2020
 7:02 PM
 PREPARED BY / DATE


 Ben Minton
 30-Jun-2020
 10:19 PM
 APPROVED BY / DATE

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20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis

Batch ID:	433703-04	Test ID:	T000083230
Reported:	29-Jun-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
E. coli	None Detected
Salmonella	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
29-Jun-2020
2:48 PM
Greg Zimpfer
29-Jun-2020
5:48 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis

Batch ID:	433703-04	Test ID:	T000083229
Reported:	29-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	108 - 2160	*ND
Butanes (Isobutane, n-Butane)	187 - 3736	*ND
Methanol	65 - 1307	*ND
Pentane	101 - 2015	*ND
Ethanol	102 - 2034	268
Acetone	104 - 2083	*ND
Isopropyl Alcohol	115 - 2298	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	105 - 2099	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	100 - 2001	*ND
Toluene	19 - 377	*ND
Xylenes (m,p,o-Xylenes)	137 - 2732	*ND

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

NOTES:
N/A**FINAL APPROVAL**
Daniel Weidensaul
29-Jun-2020
2:36 PM

PREPARED BY / DATE


Greg Zimpfer
29-Jun-2020
6:07 PM

APPROVED BY / DATE

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Certificate #4329.02

20mg Gel Capsules-Batch 433703-04 *Full Spec Analysis

Batch ID:	433703-04	Test ID:	T000083233
Reported:	6-Jul-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.079 - 7.89	ND
Cadmium	0.077 - 7.70	ND
Mercury	0.070 - 7.01	ND
Lead	0.087 - 8.73	ND

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

FINAL APPROVALMorgan Ingraham
6-Jul-2020
2:59 PM

PREPARED BY / DATE

Ben Minton
6-Jul-2020
3:06 PM

APPROVED BY / DATE

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