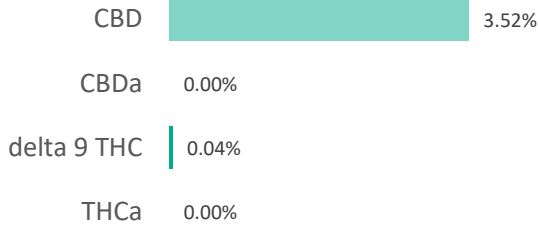
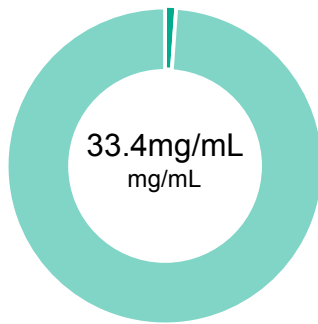


1000MG/17MGTincture

Batch ID:	100219TM1K	Test ID:	3616361.0052
Reported:	22-Oct-2019	Method:	TM14
Type:	Solution		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.74	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.37	0.40	0.4
Cannabidiolic acid (CBDA)	0.73	0.00	0.0
Cannabidiol (CBD)	0.41	33.40	35.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.41	0.00	0.0
Cannabinolic Acid (CBNA)	1.02	0.00	0.0
Cannabinol (CBN)	0.45	0.00	0.0
Cannabigerolic acid (CBGA)	0.65	0.00	0.0
Cannabigerol (CBG)	0.37	0.80	0.8
Tetrahydrocannabivarinic Acid (THCVA)	0.64	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.33	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.68	0.00	0.0
Cannabidivarin (CBDV)	0.37	0.00	0.0
Cannabichromenic Acid (CBCA)	0.56	0.00	0.0
Cannabichromene (CBC)	0.67	0.00	0.0
Total Cannabinoids		34.60	36.42
Total Potential THC**		0.40	0.40
Total Potential CBD**		33.40	35.19

NOTES:
Density = 0.95g/mL

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))

FINAL APPROVAL


 Tyler Wiese
 22-Oct-2019
 6:48 PM
 PREPARED BY / DATE


 David Green
 22-Oct-2019
 7:36 PM
 APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



1000MG/17MGTincture

Batch ID:	100219TM1K	Test ID:	8357237.011
Reported:	20-Oct-2019	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
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

Sarah Henning
20-Oct-2019
3:17 PMMike Branvold
20-Oct-2019
4:57 PM

PREPARED BY / DATE

APPROVED BY / DATE

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1000MG/17MGTincture

Batch ID:	100219TM1K	Test ID:	T000023277
Reported:	28-Oct-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

Greg Zimpfer
28-Oct-2019
2:52 PM

PREPARED BY / DATE



David Green
28-Oct-2019
2:59 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

1000MG/17MGTincture


Batch ID:	100219TM1K	Test ID:	5814726.0061
Reported:	21-Oct-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	47 - 2194	ND*	Malathion	47 - 2194	ND*
Acetamiprid	47 - 2194	ND*	Metalaxyl	284 - 2194	ND*
Avermectin	284 - 2194	ND*	Methiocarb	47 - 2194	ND*
Azoxystrobin	47 - 2194	ND*	Methomyl	47 - 2194	ND*
Bifenazate	47 - 2194	ND*	MGK 264 1	47 - 2194	ND*
Boscalid	284 - 2194	ND*	MGK 264 2	284 - 2194	ND*
Carbaryl	47 - 2194	ND*	Myclobutanil	284 - 2194	ND*
Carbofuran	47 - 2194	ND*	Naled	284 - 2194	ND*
Chlorantraniliprole	47 - 2194	ND*	Oxamyl	47 - 2194	ND*
Chlorpyrifos	284 - 2194	ND*	Paclobutrazol	47 - 2194	ND*
Clofentezine	47 - 2194	ND*	Permethrin	284 - 2194	ND*
Diazinon	47 - 2194	ND*	Phosmet	47 - 2194	ND*
Dichlorvos	284 - 2194	ND*	Prophos	284 - 2194	ND*
Dimethoate	47 - 2194	ND*	Propoxur	284 - 2194	ND*
E-Fenpyroximate	284 - 2194	ND*	Pyridaben	284 - 2194	ND*
Etofenprox	284 - 2194	ND*	Spinosad A	47 - 2194	ND*
Etoxazole	284 - 2194	ND*	Spinosad D	284 - 2194	ND*
Fenoxycarb	47 - 2194	ND*	Spiromesifen	47 - 2194	ND*
Fipronil	284 - 2194	ND*	Spirotetramat	284 - 2194	ND*
Flonicamid	47 - 2194	ND*	Spiroxamine 1	47 - 2194	ND*
Fludioxonil	284 - 2194	ND*	Spiroxamine 2	47 - 2194	ND*
Hexythiazox	284 - 2194	ND*	Tebuconazole	47 - 2194	ND*
Imazalil	284 - 2194	ND*	Thiacloprid	47 - 2194	ND*
Imidacloprid	47 - 2194	ND*	Thiamethoxam	47 - 2194	ND*
Kresoxim-methyl	47 - 2194	ND*	Trifloxystrobin	284 - 2194	ND*

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

N/A

FINAL APPROVAL


Chris Jungling
 21-Oct-2019
 12:44 PM

PREPARED BY / DATE



David Green
 21-Oct-2019
 1:42 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

1000MG/17MGTincture

Batch ID:	100219TM1K	Test ID:	7541776.008
Reported:	22-Oct-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

 Alex Smith 22-Oct-2019 1:10 PM	 David Green 22-Oct-2019 1:12 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02