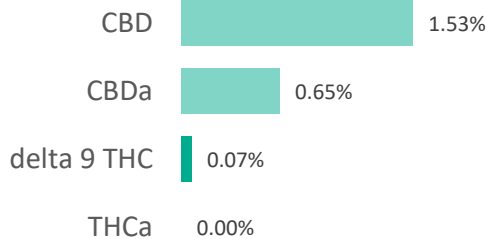
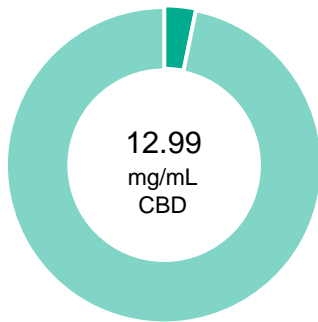


Organic CBD Tincture Citrus Flavor 600 mg

Batch ID:	RO-CIT-600-101920	Test ID:	T000104663
Type:	Solution	Submitted:	10/20/2020 @ 01:00 PM
Test:	Potency	Started:	10/21/2020
Method:	TM14	Reported:	10/23/2020

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.56	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.27	0.57	0.7
Cannabidiolic acid (CBDA)	0.15	5.51	6.5
Cannabidiol (CBD)	0.32	12.99	15.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.30	ND	ND
Cannabinolic Acid (CBNA)	0.77	ND	ND
Cannabinol (CBN)	0.34	ND	ND
Cannabigerolic acid (CBGA)	0.49	ND	ND
Cannabigerol (CBG)	0.27	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.48	ND	ND
Tetrahydrocannabivarin (THCV)	0.24	ND	ND
Cannabidivarinic Acid (CBDVA)	0.14	ND	ND
Cannabidivarin (CBDV)	0.08	ND	ND
Cannabichromenic Acid (CBCA)	0.43	ND	ND
Cannabichromene (CBC)	0.49	0.51	0.6
Total Cannabinoids		19.58	23.1
Total Potential THC**		0.57	0.7
Total Potential CBD**		17.82	21.0

% = % (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 = 0.849g/mL
 N/A

FINAL APPROVAL

	Michelle Gagnon 23-Oct-2020 11:47 AM		Ben Minton 23-Oct-2020 1:57 PM
PREPARED BY / DATE		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



Batch ID:	N/A	Test ID:	T000109251
Type:	Other	Submitted:	11/10/2020 @ 12:15 PM
Test:	Metals	Started:	11/12/2020
Method:	TM19	Reported:	11/13/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.068 - 6.84	ND
Cadmium	0.070 - 7.01	ND
Mercury	0.069 - 6.93	ND
Lead	0.068 - 6.84	ND

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

FINAL APPROVAL



Daniel Weidensaul
13-Nov-2020
4:16 PM

PREPARED BY / DATE



Scott Hansen
13-Nov-2020
9:09 PM

APPROVED BY / DATE

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Batch ID:		Test ID:	T000109250
Type:	Concentrate	Submitted:	11/10/2020 @ 12:15 PM
Test:	Pesticides	Started:	11/12/2020
Method:	TM17	Reported:	11/16/2020


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	53 - 2649	ND*	Malathion	332 - 2649	ND*
Acetamiprid	45 - 2649	ND*	Metalaxyl	50 - 2649	ND*
Abamectin	>279	ND*	Methiocarb	41 - 2649	ND*
Azoxystrobin	45 - 2649	ND*	Methomyl	52 - 2649	ND*
Bifenazate	50 - 2649	ND*	MGK 264 1	181 - 2649	ND*
Boscalid	26 - 2649	ND*	MGK 264 2	128 - 2649	ND*
Carbaryl	41 - 2649	ND*	Myclobutanil	38 - 2649	ND*
Carbofuran	41 - 2649	ND*	Naled	57 - 2649	ND*
Chlorantraniliprole	49 - 2649	ND*	Oxamyl	45 - 2649	ND*
Chlorpyrifos	43 - 2649	ND*	Paclobutrazol	46 - 2649	ND*
Clofentezine	298 - 2649	ND*	Permethrin	301 - 2649	ND*
Diazinon	342 - 2649	ND*	Phosmet	46 - 2649	ND*
Dichlorvos	>302	ND*	Prophos	307 - 2649	ND*
Dimethoate	43 - 2649	ND*	Propoxur	42 - 2649	ND*
E-Fenpyroximate	256 - 2649	ND*	Pyridaben	304 - 2649	ND*
Etofenprox	43 - 2649	ND*	Spinosad A	31 - 2649	ND*
Etoxazole	305 - 2649	ND*	Spinosad D	83 - 2649	ND*
Fenoxycarb	>37	ND*	Spiromesifen	>287	ND*
Fipronil	61 - 2649	ND*	Spirotetramat	>332	ND*
Flonicamid	51 - 2649	ND*	Spiroxamine 1	18 - 2649	ND*
Fludioxonil	>333	ND*	Spiroxamine 2	22 - 2649	ND*
Hexythiazox	46 - 2649	ND*	Tebuconazole	357 - 2649	ND*
Imazalil	341 - 2649	ND*	Thiacloprid	41 - 2649	ND*
Imidacloprid	42 - 2649	ND*	Thiamethoxam	39 - 2649	ND*
Kresoxim-methyl	49 - 2649	ND*	Trifloxystrobin	46 - 2649	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
16-Nov-2020
6:07 PM

PREPARED BY / DATE

 Greg Zimpfer
16-Nov-2020
8:10 PM

APPROVED BY / DATE

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Batch ID:	N/A	Test ID:	T000109248
Type:	Concentrate	Submitted:	11/10/2020 @ 12:15 PM
Test:	Microbial Contaminants	Started:	11/12/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	11/15/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 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

FINAL APPROVAL


 Nick Tumminaro
 15-Nov-2020
 2:49 PM


 Ben Minton
 15-Nov-2020
 5:33 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03