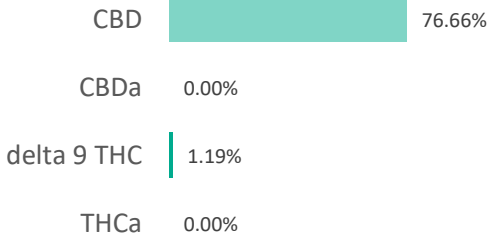
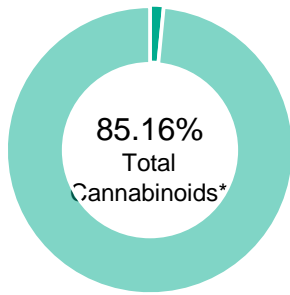


CO-0089DIP

Batch ID:	CO-0089	Test ID:	T000093025
Reported:	31-Aug-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.22	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	1.19	11.9
Cannabidiolic acid (CBDA)	0.29	ND	ND
Cannabidiol (CBD)	0.16	76.66	766.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.12	0.37	3.7
Cannabinolic Acid (CBNA)	0.30	ND	ND
Cannabinol (CBN)	0.13	ND	ND
Cannabigerolic acid (CBGA)	0.19	ND	ND
Cannabigerol (CBG)	0.11	0.27	2.7
Tetrahydrocannabivarinic Acid (THCVA)	0.19	ND	ND
Tetrahydrocannabivarin (THCV)	0.10	ND	ND
Cannabidivarinic Acid (CBDVA)	0.27	ND	ND
Cannabidivarin (CBDV)	0.15	0.25	2.5
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.20	6.42	64.2
Total Cannabinoids		85.16	851.6
Total Potential THC**		1.19	11.9
Total Potential CBD**		76.66	766.6

NOTES:
 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))

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

FINAL APPROVAL


Taylor Brevik
 31-Aug-2020
 1:56 PM



Ben Minton
 31-Aug-2020
 2:37 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



Certificate #4329.02

CO-0089DIP

Batch ID:	CO-0089	Test ID:	T000093026
Reported:	1-Sep-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	63 - 1256	*ND
Butanes (Isobutane, n-Butane)	127 - 2540	*ND
Methanol	50 - 994	*ND
Pentane	72 - 1438	*ND
Ethanol	68 - 1366	*ND
Acetone	82 - 1635	*ND
Isopropyl Alcohol	86 - 1722	*ND
Hexane	5 - 100	*ND
Ethyl Acetate	83 - 1656	*ND
Benzene	0.2 - 3.3	*ND
Heptanes	77 - 1534	*ND
Toluene	15 - 299	*ND
Xylenes (m,p,o-Xylenes)	109 - 2178	*ND


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

 NOTES:
 N/A

FINAL APPROVAL

 Ryan Weems
 1-Sep-2020
 3:33 PM

PREPARED BY / DATE


 Ben Minton
 1-Sep-2020
 3:43 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



Certificate #4329.02

CO-0089DIP

Batch ID:	CO-0089	Test ID:	T000093027
Reported:	31-Aug-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
Coliforms: None Detected

FINAL APPROVAL


Sarah Henning
31-Aug-2020
4:39 PM
Greg Zimpfer
31-Aug-2020
4:42 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 4329.03



Certificate #4329.03

CO-0089DIP

Batch ID:	CO-0089	Test ID:	T000093028
Reported:	28-Aug-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2407	ND*	Malathion	283 - 2407	ND*
Acetamiprid	38 - 2407	ND*	Metalaxyl	37 - 2407	ND*
Abamectin	>334	ND*	Methiocarb	40 - 2407	ND*
Azoxystrobin	41 - 2407	ND*	Methomyl	36 - 2407	ND*
Bifenazate	41 - 2407	ND*	MGK 264 1	168 - 2407	ND*
Boscalid	44 - 2407	ND*	MGK 264 2	101 - 2407	ND*
Carbaryl	41 - 2407	ND*	Myclobutanil	48 - 2407	ND*
Carbofuran	40 - 2407	ND*	Naled	43 - 2407	ND*
Chlorantraniliprole	29 - 2407	ND*	Oxamyl	36 - 2407	ND*
Chlorpyrifos	41 - 2407	ND*	Paclobutrazol	44 - 2407	ND*
Clofentezine	262 - 2407	ND*	Permethrin	247 - 2407	ND*
Diazinon	287 - 2407	ND*	Phosmet	40 - 2407	ND*
Dichlorvos	>259	ND*	Prophos	281 - 2407	ND*
Dimethoate	37 - 2407	ND*	Propoxur	40 - 2407	ND*
E-Fenpyroximate	296 - 2407	ND*	Pyridaben	287 - 2407	ND*
Etofenprox	40 - 2407	ND*	Spinosad A	30 - 2407	ND*
Etoxazole	305 - 2407	ND*	Spinosad D	77 - 2407	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>279	ND*
Fipronil	44 - 2407	ND*	Spirotetramat	>317	ND*
Flonicamid	43 - 2407	ND*	Spiroxamine 1	18 - 2407	ND*
Fludioxonil	>277	ND*	Spiroxamine 2	23 - 2407	ND*
Hexythiazox	40 - 2407	ND*	Tebuconazole	302 - 2407	ND*
Imazalil	278 - 2407	ND*	Thiacloprid	38 - 2407	ND*
Imidacloprid	60 - 2407	ND*	Thiamethoxam	36 - 2407	ND*
Kresoxim-methyl	42 - 2407	ND*	Trifloxystrobin	41 - 2407	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
 28-Aug-2020
 3:19 PM

PREPARED BY / DATE


 Greg Zimpfer
 28-Aug-2020
 4:04 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.

CO-0089DIP


Batch ID:	CO-0089	Test ID:	t000093029
Reported:	31-Aug-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.059 - 5.94	ND
Cadmium	0.065 - 6.50	ND
Mercury	0.063 - 6.32	ND
Lead	0.064 - 6.40	ND


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

FINAL APPROVAL



Ryan Weems
31-Aug-2020
6:22 PM

PREPARED BY / DATE



Greg Zimpfer
31-Aug-2020
8:26 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.