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CERTIFICATE OF ANALYSIS

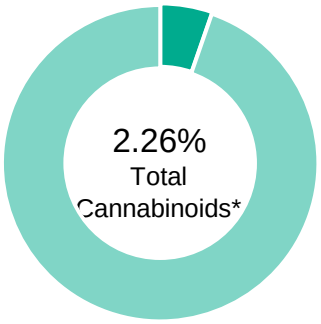
prepared for: Beak and Skiff Research

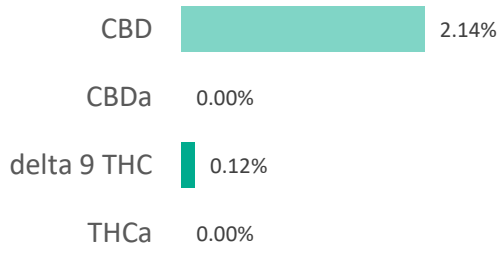
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Original 600mg

Batch ID:	T0002	**Test ID:**	T000091962
Reported:	25-Aug-2020	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.09	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.12	1.2
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.02	2.14	21.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.13	ND	ND
Cannabinol (CBN)	0.06	ND	ND
Cannabigerolic acid (CBGA)	0.08	ND	ND
Cannabigerol (CBG)	0.05	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.08	ND	ND
Tetrahydrocannabivarin (THCV)	0.04	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	ND	ND
Cannabidivarin (CBDV)	0.02	ND	ND
Cannabichromenic Acid (CBCA)	0.07	ND	ND
Cannabichromene (CBC)	0.09	ND	ND
Total Cannabinoids		**2.26**	**22.6**
Total Potential THC**		0.12	1.2
Total Potential CBD**		2.14	21.4

% = % (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

Michelle Gagnon
25-Aug-2020
1:13 PM

PREPARED BY / DATE

Ben Minton
25-Aug-2020
4:28 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

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Original 600mg

Batch ID:	T0002	**Test ID:**	T000091966
Reported:	27-Aug-2020	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	45 - 2449	ND*
Acetamiprid	46 - 2449	ND*
Abamectin	>421	NA
Azoxystrobin	44 - 2449	ND*
Bifenazate	36 - 2449	ND*
Boscalid	58 - 2449	ND*
Carbaryl	46 - 2449	ND*
Carbofuran	46 - 2449	ND*
Chlorantraniliprole	48 - 2449	ND*
Chlorpyrifos	37 - 2449	ND*
Clofentezine	332 - 2449	ND*
Diazinon	288 - 2449	ND*
Dichlorvos	>300	ND*
Dimethoate	47 - 2449	ND*
E-Fenpyroximate	254 - 2449	ND*
Etofenprox	53 - 2449	ND*
Etoxazole	280 - 2449	ND*
Fenoxycarb	>44	ND*
Fipronil	62 - 2449	ND*
Flonicamid	57 - 2449	ND*
Fludioxonil	>299	ND*
Hexythiazox	45 - 2449	ND*
Imazalil	288 - 2449	ND*
Imidacloprid	48 - 2449	ND*
Kresoxim-methyl	45 - 2449	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	283 - 2449	ND*
Metalaxyl	43 - 2449	ND*
Methiocarb	43 - 2449	ND*
Methomyl	43 - 2449	ND*
MGK 264 1	201 - 2449	ND*
MGK 264 2	116 - 2449	ND*
Myclobutanil	48 - 2449	ND*
Naled	65 - 2449	ND*
Oxamyl	45 - 2449	ND*
Paclobutrazol	47 - 2449	ND*
Permethrin	301 - 2449	ND*
Phosmet	44 - 2449	ND*
Prophos	280 - 2449	ND*
Propoxur	45 - 2449	ND*
Pyridaben	278 - 2449	ND*
Spinosad A	45 - 2449	ND*
Spinosad D	101 - 2449	ND*
Spiromesifen	>259	ND*
Spirotetramat	>299	ND*
Spiroxamine 1	19 - 2449	ND*
Spiroxamine 2	23 - 2449	ND*
Tebuconazole	289 - 2449	ND*
Thiacloprid	47 - 2449	ND*
Thiamethoxam	51 - 2449	ND*
Trifloxystrobin	62 - 2449	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
27-Aug-2020
6:32 PM

PREPARED BY / DATE

Ben Minton
27-Aug-2020
6:51 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Original 600mg

Batch ID:	T0002	**Test ID:**	T000091967
Reported:	25-Aug-2020	**Method:**	TM19
Type:	Unit		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.068 - 6.84	ND
Cadmium	0.068 - 6.84	ND
Mercury	0.068 - 6.84	ND
Lead	0.068 - 6.84	ND

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

FINAL APPROVAL

Alex Benson
25-Aug-2020
10:10 AM

PREPARED BY / DATE

Ben Minton
25-Aug-2020
3:38 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: BEAK AND SKIFF RESEARCH
4472 CHERRY VALLEY TPKE
LAFAYETTE, NY 13084

CBD Oil Original 600mg

Batch ID:	T0002	**Test ID:**	T000091964
Reported:	24-Aug-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
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

Nick Tumminaro
24-Aug-2020
4:44 PM
PREPARED BY / DATE

Greg Zimpfer
24-Aug-2020
5:35 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 4329.03

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