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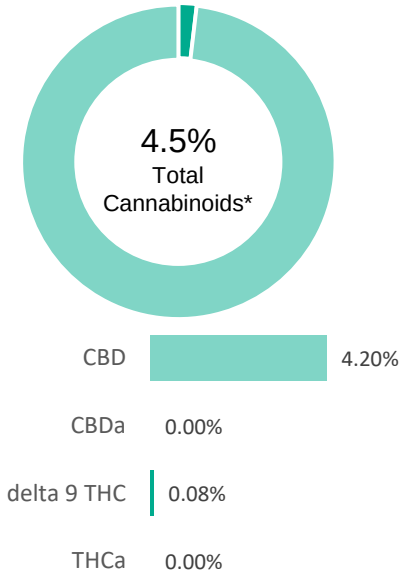
CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4473 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Honeycrisp 1200mg

Batch ID:	T0014	**Test ID:**	T000127065
Type:	Concentrate	**Submitted:**	03/03/2021 @ 10:26 AM
Test:	Potency	**Started:**	3/3/2021
Method:	TM14	**Reported:**	3/4/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.08	0.8
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.02	4.20	42.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	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	0.02	0.2
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.01	0.1
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.18	1.8
Total Cannabinoids		**4.50**	**45.0**
Total Potential THC**		0.08	0.8
Total Potential CBD**		4.20	42.0

% = % (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:
N/A

FINAL APPROVAL

Mara Miller
4-Mar-2021
5:03 PM
PREPARED BY / DATE

Ben Minton
4-Mar-2021
5:10 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
4473 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Honeycrisp 1200mg

Batch ID:	T0014	**Test ID:**	T000127066
Type:	Concentrate	**Submitted:**	03/03/2021 @ 10:26 AM
Test:	Pesticides	**Started:**	3/5/2021
Method:	TM17	**Reported:**	3/8/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2437	ND*
Acetamiprid	43 - 2437	ND*
Abamectin	>301	ND*
Azoxystrobin	44 - 2437	ND*
Bifenazate	33 - 2437	ND*
Boscalid	44 - 2437	ND*
Carbaryl	38 - 2437	ND*
Carbofuran	42 - 2437	ND*
Chlorantraniliprole	54 - 2437	ND*
Chlorpyrifos	34 - 2437	ND*
Clofentezine	288 - 2437	ND*
Diazinon	289 - 2437	ND*
Dichlorvos	>282	ND*
Dimethoate	44 - 2437	ND*
E-Fenpyroximate	317 - 2437	ND*
Etofenprox	41 - 2437	ND*
Etoxazole	303 - 2437	ND*
Fenoxycarb	>47	ND*
Fipronil	42 - 2437	ND*
Flonicamid	49 - 2437	ND*
Fludioxonil	>309	ND*
Hexythiazox	39 - 2437	ND*
Imazalil	281 - 2437	ND*
Imidacloprid	43 - 2437	ND*
Kresoxim-methyl	43 - 2437	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	305 - 2437	ND*
Metalaxyl	42 - 2437	ND*
Methiocarb	41 - 2437	ND*
Methomyl	43 - 2437	ND*
MGK 264 1	157 - 2437	ND*
MGK 264 2	114 - 2437	ND*
Myclobutanil	36 - 2437	ND*
Naled	45 - 2437	ND*
Oxamyl	42 - 2437	ND*
Paclobutrazol	46 - 2437	ND*
Permethrin	274 - 2437	ND*
Phosmet	43 - 2437	ND*
Prophos	313 - 2437	ND*
Propoxur	42 - 2437	ND*
Pyridaben	294 - 2437	ND*
Spinosad A	29 - 2437	ND*
Spinosad D	86 - 2437	ND*
Spiromesifen	>294	ND*
Spirotetramat	>294	ND*
Spiroxamine 1	19 - 2437	ND*
Spiroxamine 2	24 - 2437	ND*
Tebuconazole	297 - 2437	ND*
Thiacloprid	44 - 2437	ND*
Thiamethoxam	41 - 2437	ND*
Trifloxystrobin	42 - 2437	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
8-Mar-2021
2:05 PM

PREPARED BY / DATE

Greg Zimpfer
8-Mar-2021
6:32 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4473 Cherry Valley Tpke
Lafayette, NY 13084

CBD Oil Honeycrisp 1200mg

Batch ID:	T0014	**Test ID:**	T000127068
Type:	Unit	**Submitted:**	03/03/2021 @ 10:26 AM
Test:	Metals	**Started:**	3/4/2021
Method:	TM19	**Reported:**	3/5/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.068 - 6.78	ND
Cadmium	0.075 - 7.48	ND
Mercury	0.088 - 8.84	ND
Lead	0.074 - 7.45	ND

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

FINAL APPROVAL

Daniel Weidensaul
5-Mar-2021
4:18 PM

PREPARED BY / DATE

Greg Zimpfer
5-Mar-2021
4:26 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: BEAK AND SKIFF RESEARCH
4473 CHERRY VALLEY TPKE
LAFAYETTE, NY 13084

CBD Oil Honeycrisp 1200mg

Batch ID:	T0014	**Test ID:**	T000127067
Type:	Edible	**Submitted:**	03/03/2021 @ 10:26 AM
Test:	Microbial Contaminants	**Started:**	3/3/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	3/6/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	None Detected
Total Coliforms	None Detected
Total Yeast and Molds	None Detected
E. coli	Absent
E. coli (STEC)	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
6-Mar-2021
5:38 PM

PREPARED BY / DATE

Scott Hansen
6-Mar-2021
6:05 PM

APPROVED BY / DATE

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