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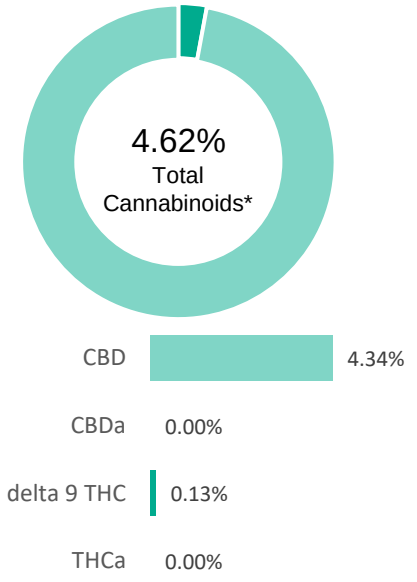
CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Honeycrisp 1200mg

Batch ID:	T0017	**Test ID:**	T000132494
Type:	Concentrate	**Submitted:**	04/02/2021 @ 12:16 PM
Test:	Potency	**Started:**	4/2/2021
Method:	TM14	**Reported:**	4/5/2021

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	0.13	1.3
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.01	4.34	43.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.00	0.0
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.06	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.02	0.2
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.00	0.07	0.7
Total Cannabinoids		**4.62**	**46.2**
Total Potential THC**		0.13	1.3
Total Potential CBD**		4.34	43.4

% = % (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

Ryan Weems
5-Apr-2021
1:20 PM
PREPARED BY / DATE

Tyler Wiese
5-Apr-2021
1:26 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

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Certificate #4329.02

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CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Honeycrisp 1200mg

Batch ID:	T0017	**Test ID:**	T000132495
Type:	Concentrate	**Submitted:**	04/02/2021 @ 12:16 PM
Test:	Pesticides	**Started:**	4/6/2021
Method:	TM17	**Reported:**	4/7/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	33 - 2198	ND*
Acetamiprid	35 - 2198	ND*
Abamectin	>331	ND*
Azoxystrobin	35 - 2198	ND*
Bifenazate	25 - 2198	ND*
Boscalid	42 - 2198	ND*
Carbaryl	33 - 2198	ND*
Carbofuran	35 - 2198	ND*
Chlorantraniliprole	32 - 2198	ND*
Chlorpyrifos	38 - 2198	ND*
Clofentezine	249 - 2198	ND*
Diazinon	237 - 2198	ND*
Dichlorvos	>257	ND*
Dimethoate	35 - 2198	ND*
E-Fenpyroximate	197 - 2198	ND*
Etofenprox	36 - 2198	ND*
Etoxazole	260 - 2198	ND*
Fenoxycarb	>35	ND*
Fipronil	54 - 2198	ND*
Flonicamid	37 - 2198	ND*
Fludioxonil	>254	ND*
Hexythiazox	32 - 2198	ND*
Imazalil	270 - 2198	ND*
Imidacloprid	34 - 2198	ND*
Kresoxim-methyl	40 - 2198	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	255 - 2198	ND*
Metalaxyl	35 - 2198	ND*
Methiocarb	36 - 2198	ND*
Methomyl	36 - 2198	ND*
MGK 264 1	132 - 2198	ND*
MGK 264 2	104 - 2198	ND*
Myclobutanil	35 - 2198	ND*
Naled	38 - 2198	ND*
Oxamyl	35 - 2198	ND*
Paclobutrazol	39 - 2198	ND*
Permethrin	248 - 2198	ND*
Phosmet	36 - 2198	ND*
Prophos	258 - 2198	ND*
Propoxur	35 - 2198	ND*
Pyridaben	265 - 2198	ND*
Spinosad A	25 - 2198	ND*
Spinosad D	73 - 2198	ND*
Spiromesifen	>216	ND*
Spirotetramat	>236	ND*
Spiroxamine 1	15 - 2198	ND*
Spiroxamine 2	20 - 2198	ND*
Tebuconazole	266 - 2198	ND*
Thiacloprid	34 - 2198	ND*
Thiamethoxam	36 - 2198	ND*
Trifloxystrobin	34 - 2198	ND*

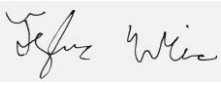
* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

Sam Smith
7-Apr-2021
12:30 PM

PREPARED BY / DATE



Tyler Wiese
7-Apr-2021
12:34 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Honeycrisp 1200mg

Batch ID:	T0017	**Test ID:**	T000132497
Type:	Unit	**Submitted:**	04/02/2021 @ 12:16 PM
Test:	Metals	**Started:**	4/6/2021
Method:	TM19	**Reported:**	4/7/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.085 - 8.47	ND
Cadmium	0.085 - 8.46	ND
Mercury	0.086 - 8.63	ND
Lead	0.112 - 11.10	ND

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

FINAL APPROVAL

Daniel Weidensaul
7-Apr-2021
12:47 PM

PREPARED BY / DATE

Sam Smith
7-Apr-2021
12:52 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Honeycrisp 1200mg

Batch ID:	T0017	**Test ID:**	T000132496
Type:	Edible	**Submitted:**	04/02/2021 @ 12:16 PM
Test:	Microbial Contaminants	**Started:**	4/5/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	4/8/2021

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

Nick Tumminaro
8-Apr-2021
11:06 AM
PREPARED BY / DATE

Sarah Henning
8-Apr-2021
4:46 PM
APPROVED BY / DATE

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