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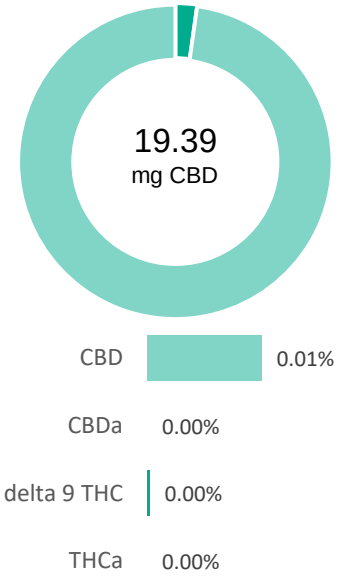
CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling water Black Cherry 20mg

Batch ID:	01421	**Test ID:**	T000119456
Type:	Unit	**Submitted:**	01/18/2021 @ 10:07 AM
Test:	Potency	**Started:**	1/18/2021
Method:	TM14	**Reported:**	1/18/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.39	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.44	0.44	0.0
Cannabidiolic acid (CBDA)	0.45	ND	ND
Cannabidiol (CBD)	0.44	19.39	0.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.49	ND	ND
Cannabinolic Acid (CBNA)	0.28	ND	ND
Cannabinol (CBN)	0.13	ND	ND
Cannabigerolic acid (CBGA)	0.41	ND	ND
Cannabigerol (CBG)	0.10	0.29	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.34	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.19	ND	ND
Cannabidivarin (CBDV)	0.10	ND	ND
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.17	0.23	0.0
Total Cannabinoids		**20.35**	**0.1**
Total Potential THC**		0.44	0.0
Total Potential CBD**		19.39	0.1

% = % (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:
# of Servings = 1, Sample Weight=355g

FINAL APPROVAL

Ryan Weems
18-Jan-2021
5:47 PM
PREPARED BY / DATE

Greg Zimpfer
18-Jan-2021
8:49 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
4472 Cherry Valley Tpke
Lafayette, NY 13084

Organic CBD Sparkling water Black Cherry 20mg

Batch ID:	01421	**Test ID:**	T000119457
Type:	Concentrate	**Submitted:**	01/18/2021 @ 10:07 AM
Test:	Pesticides	**Started:**	1/21/2021
Method:	TM17	**Reported:**	1/22/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2554	ND*
Acetamiprid	40 - 2554	ND*
Abamectin	>313	ND*
Azoxystrobin	45 - 2554	ND*
Bifenazate	42 - 2554	ND*
Boscalid	45 - 2554	ND*
Carbaryl	47 - 2554	ND*
Carbofuran	45 - 2554	ND*
Chlorantraniliprole	50 - 2554	ND*
Chlorpyrifos	57 - 2554	ND*
Clofentezine	305 - 2554	ND*
Diazinon	296 - 2554	ND*
Dichlorvos	>319	ND*
Dimethoate	40 - 2554	ND*
E-Fenpyroximate	324 - 2554	ND*
Etofenprox	46 - 2554	ND*
Etoxazole	319 - 2554	ND*
Fenoxycarb	>46	ND*
Fipronil	49 - 2554	ND*
Flonicamid	55 - 2554	ND*
Fludioxonil	>309	ND*
Hexythiazox	48 - 2554	ND*
Imazalil	288 - 2554	ND*
Imidacloprid	43 - 2554	ND*
Kresoxim-methyl	50 - 2554	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	297 - 2554	ND*
Metalaxyl	44 - 2554	ND*
Methiocarb	44 - 2554	ND*
Methomyl	46 - 2554	ND*
MGK 264 1	176 - 2554	ND*
MGK 264 2	130 - 2554	ND*
Myclobutanil	43 - 2554	ND*
Naled	52 - 2554	ND*
Oxamyl	42 - 2554	ND*
Paclobutrazol	46 - 2554	ND*
Permethrin	305 - 2554	ND*
Phosmet	46 - 2554	ND*
Prophos	306 - 2554	ND*
Propoxur	44 - 2554	ND*
Pyridaben	310 - 2554	ND*
Spinosad A	32 - 2554	ND*
Spinosad D	89 - 2554	ND*
Spiromesifen	>287	ND*
Spirotetramat	>286	ND*
Spiroxamine 1	21 - 2554	ND*
Spiroxamine 2	25 - 2554	ND*
Tebuconazole	306 - 2554	ND*
Thiacloprid	41 - 2554	ND*
Thiamethoxam	44 - 2554	ND*
Trifloxystrobin	45 - 2554	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
22-Jan-2021
12:13 PM

PREPARED BY / DATE

Ben Minton
22-Jan-2021
7:58 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling water Black Cherry 20mg

Batch ID:	01421	**Test ID:**	T000119459
Type:	Unit	**Submitted:**	01/18/2021 @ 10:07 AM
Test:	Metals	**Started:**	1/20/2021
Method:	TM19	**Reported:**	1/21/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.065 - 6.46	ND
Cadmium	0.062 - 6.21	ND
Mercury	0.062 - 6.21	ND
Lead	0.072 - 7.22	ND

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

FINAL APPROVAL

Samantha Smith
Sam Smith
21-Jan-2021
12:20 PM

PREPARED BY / DATE

Ben Minton
Ben Minton
21-Jan-2021
2:28 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling water Black Cherry 20mg

Batch ID:	01421	**Test ID:**	T000119458
Type:	Edible	**Submitted:**	01/18/2021 @ 10:07 AM
Test:	Microbial Contaminants	**Started:**	1/19/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	1/22/2021

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

Sarah Henning
22-Jan-2021
5:06 PM
PREPARED BY / DATE

Ben Minton
22-Jan-2021
8:54 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. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.

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