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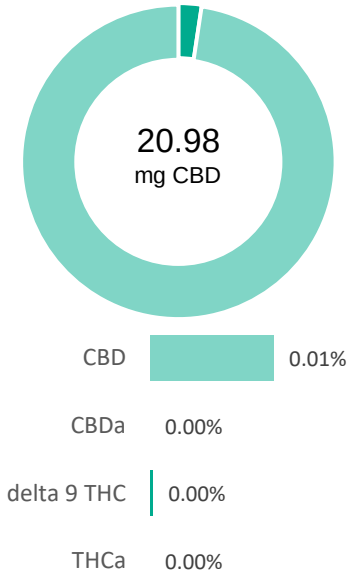
CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Black Cherry 20mg

Batch ID:	02221	**Test ID:**	T000120798
Type:	Unit	**Submitted:**	01/26/2021 @ 09:55 AM
Test:	Potency	**Started:**	1/26/2021
Method:	TM14	**Reported:**	1/26/2021

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	0.51	0.0
Cannabidiolic acid (CBDA)	0.33	ND	ND
Cannabidiol (CBD)	0.32	20.98	0.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.48	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	0.31	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.34	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.14	ND	ND
Cannabidivarin (CBDV)	0.08	0.08	0.0
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.17	0.23	0.0
Total Cannabinoids		**22.11**	**0.1**
Total Potential THC**		0.51	0.0
Total Potential CBD**		20.98	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

Daniel Weidensaul
26-Jan-2021
5:47 PM
PREPARED BY / DATE

Ben Minton
26-Jan-2021
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. 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 Sparkling Water Black Cherry 20mg

Batch ID:	02221	**Test ID:**	T000120799
Type:	Concentrate	**Submitted:**	01/26/2021 @ 09:55 AM
Test:	Pesticides	**Started:**	1/28/2021
Method:	TM17	**Reported:**	1/29/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2582	ND*
Acetamiprid	42 - 2582	ND*
Abamectin	>317	ND*
Azoxystrobin	43 - 2582	ND*
Bifenazate	35 - 2582	ND*
Boscalid	58 - 2582	ND*
Carbaryl	43 - 2582	ND*
Carbofuran	42 - 2582	ND*
Chlorantraniliprole	55 - 2582	ND*
Chlorpyrifos	38 - 2582	ND*
Clofentezine	306 - 2582	ND*
Diazinon	295 - 2582	ND*
Dichlorvos	>315	ND*
Dimethoate	44 - 2582	ND*
E-Fenpyroximate	285 - 2582	ND*
Etofenprox	38 - 2582	ND*
Etoxazole	290 - 2582	ND*
Fenoxycarb	>28	ND*
Fipronil	28 - 2582	ND*
Flonicamid	59 - 2582	ND*
Fludioxonil	>334	ND*
Hexythiazox	42 - 2582	ND*
Imazalil	281 - 2582	ND*
Imidacloprid	43 - 2582	ND*
Kresoxim-methyl	51 - 2582	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	281 - 2582	ND*
Metalaxyl	50 - 2582	ND*
Methiocarb	43 - 2582	ND*
Methomyl	44 - 2582	ND*
MGK 264 1	176 - 2582	ND*
MGK 264 2	124 - 2582	ND*
Myclobutanil	44 - 2582	ND*
Naled	50 - 2582	ND*
Oxamyl	46 - 2582	ND*
Paclobutrazol	41 - 2582	ND*
Permethrin	268 - 2582	ND*
Phosmet	45 - 2582	ND*
Prophos	303 - 2582	ND*
Propoxur	44 - 2582	ND*
Pyridaben	282 - 2582	ND*
Spinosad A	30 - 2582	ND*
Spinosad D	80 - 2582	ND*
Spiromesifen	>269	ND*
Spirotetramat	>278	ND*
Spiroxamine 1	19 - 2582	ND*
Spiroxamine 2	25 - 2582	ND*
Tebuconazole	299 - 2582	ND*
Thiacloprid	43 - 2582	ND*
Thiamethoxam	43 - 2582	ND*
Trifloxystrobin	44 - 2582	ND*

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

N/A

FINAL APPROVAL

Taylor Brevik
29-Jan-2021
2:26 PM

PREPARED BY / DATE

Greg Zimpfer
29-Jan-2021
5:37 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 Sparkling Water Black Cherry 20mg

Batch ID:	02221	**Test ID:**	T000120801
Type:	Unit	**Submitted:**	01/26/2021 @ 09:55 AM
Test:	Metals	**Started:**	1/28/2021
Method:	TM19	**Reported:**	2/1/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.066 - 6.64	ND
Cadmium	0.067 - 6.69	ND
Mercury	0.070 - 6.96	ND
Lead	0.064 - 6.44	ND

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

FINAL APPROVAL

Ryan Weems
1-Feb-2021
2:19 PM

PREPARED BY / DATE

Ben Minton
1-Feb-2021
3:37 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 Sparkling Water Black Cherry 20mg

Batch ID:	02221	**Test ID:**	T000120800
Type:	Edible	**Submitted:**	01/26/2021 @ 09:55 AM
Test:	Microbial Contaminants	**Started:**	1/27/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	1/30/2021

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
30-Jan-2021
3:45 PM
PREPARED BY / DATE

Ben Minton
30-Jan-2021
6:40 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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