botanacor

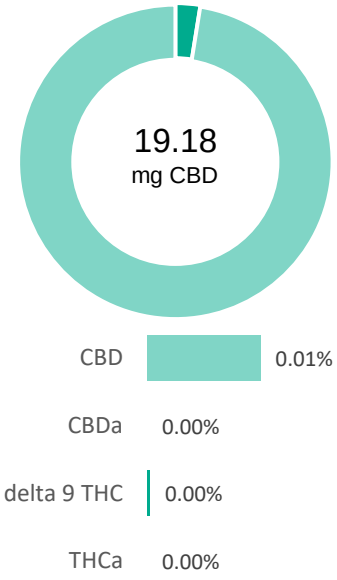
CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Blood Orange 20mg

Batch ID:	05521	**Test ID:**	T000126393
Type:	Unit	**Submitted:**	03/01/2021 @ 09:53 AM
Test:	Potency	**Started:**	3/2/2021
Method:	TM14	**Reported:**	3/3/2021

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	0.50	0.0
Cannabidiolic acid (CBDA)	0.35	ND	ND
Cannabidiol (CBD)	0.34	19.18	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)	0.35	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.14	ND	ND
Cannabidivarin (CBDV)	0.08	ND	ND
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.17	0.31	0.0
Total Cannabinoids		**20.28**	**0.1**
Total Potential THC**		0.50	0.0
Total Potential CBD**		19.18	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
3-Mar-2021
9:46 AM
PREPARED BY / DATE

Ben Minton
3-Mar-2021
12:41 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

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

Botanacor Laboratories™, All Rights Reserved | 1301 S Jason St Unit K, Denver, CO 80223 | 888.800.8223 | www.botanacor.com

botanacor

CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Blood Orange 20mg

Batch ID:	05521	**Test ID:**	T000126394
Type:	Concentrate	**Submitted:**	03/01/2021 @ 09:53 AM
Test:	Pesticides	**Started:**	3/2/2021
Method:	TM17	**Reported:**	3/3/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2532	ND*
Acetamiprid	41 - 2532	ND*
Abamectin	>311	ND*
Azoxystrobin	47 - 2532	ND*
Bifenazate	22 - 2532	ND*
Boscalid	35 - 2532	ND*
Carbaryl	41 - 2532	ND*
Carbofuran	43 - 2532	ND*
Chlorantraniliprole	44 - 2532	ND*
Chlorpyrifos	44 - 2532	ND*
Clofentezine	295 - 2532	ND*
Diazinon	286 - 2532	ND*
Dichlorvos	>290	ND*
Dimethoate	44 - 2532	ND*
E-Fenpyroximate	292 - 2532	ND*
Etofenprox	45 - 2532	ND*
Etoxazole	304 - 2532	ND*
Fenoxycarb	>49	ND*
Fipronil	48 - 2532	ND*
Flonicamid	54 - 2532	ND*
Fludioxonil	>291	ND*
Hexythiazox	44 - 2532	ND*
Imazalil	270 - 2532	ND*
Imidacloprid	44 - 2532	ND*
Kresoxim-methyl	42 - 2532	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	296 - 2532	ND*
Metalaxyl	45 - 2532	ND*
Methiocarb	44 - 2532	ND*
Methomyl	43 - 2532	ND*
MGK 264 1	168 - 2532	ND*
MGK 264 2	122 - 2532	ND*
Myclobutanil	45 - 2532	ND*
Naled	50 - 2532	ND*
Oxamyl	41 - 2532	ND*
Paclobutrazol	45 - 2532	ND*
Permethrin	274 - 2532	ND*
Phosmet	46 - 2532	ND*
Prophos	283 - 2532	ND*
Propoxur	43 - 2532	ND*
Pyridaben	301 - 2532	ND*
Spinosad A	29 - 2532	ND*
Spinosad D	82 - 2532	ND*
Spiromesifen	>298	ND*
Spirotetramat	>288	ND*
Spiroxamine 1	19 - 2532	ND*
Spiroxamine 2	23 - 2532	ND*
Tebuconazole	295 - 2532	ND*
Thiacloprid	43 - 2532	ND*
Thiamethoxam	43 - 2532	ND*
Trifloxystrobin	44 - 2532	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
3-Mar-2021
12:01 PM

PREPARED BY / DATE

Greg Zimpfer
3-Mar-2021
3:20 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.

botanacor

CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Blood Orange 20mg

Batch ID:	05521	**Test ID:**	T000126396
Type:	Unit	**Submitted:**	03/01/2021 @ 09:53 AM
Test:	Metals	**Started:**	3/4/2021
Method:	TM19	**Reported:**	3/5/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.070 - 7.03	ND
Cadmium	0.078 - 7.76	ND
Mercury	0.092 - 9.17	ND
Lead	0.077 - 7.73	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

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.

Botanacor Laboratories™, All Rights Reserved | 1301 S Jason St Unit K, Denver, CO 80223 | 888.800.8223 | www.botanacor.com

botanacor

CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Blood Orange 20mg

Batch ID:	05521	**Test ID:**	T000126395
Type:	Edible	**Submitted:**	03/01/2021 @ 09:53 AM
Test:	Microbial Contaminants	**Started:**	3/1/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	3/4/2021

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
4-Mar-2021
3:17 PM
PREPARED BY / DATE

Ben Minton
4-Mar-2021
3:43 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.

ilac-MRA A2LA ACCREDITED
Certificate #4329.03