botanacor

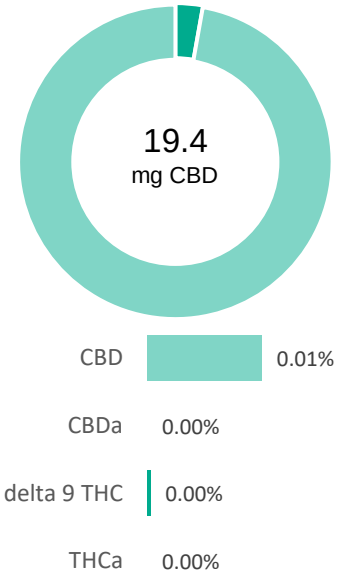
CERTIFICATE OF ANALYSIS

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

Organic CBD Sparkling Water Blood Orange 20mg

Batch ID:	04121	**Test ID:**	T000124347
Type:	Unit	**Submitted:**	02/12/2021 @ 09:40 AM
Test:	Potency	**Started:**	2/12/2021
Method:	TM14	**Reported:**	2/12/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.41	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.46	0.56	0.0
Cannabidiolic acid (CBDA)	0.54	ND	ND
Cannabidiol (CBD)	0.53	19.40	0.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.51	ND	ND
Cannabinolic Acid (CBNA)	0.29	ND	ND
Cannabinol (CBN)	0.13	ND	ND
Cannabigerolic acid (CBGA)	0.43	ND	ND
Cannabigerol (CBG)	0.10	0.27	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.36	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.23	ND	ND
Cannabidivarin (CBDV)	0.13	ND	ND
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.18	0.31	0.0
Total Cannabinoids		**20.54**	**0.1**
Total Potential THC**		0.56	0.0
Total Potential CBD**		19.40	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
12-Feb-2021
3:42 PM
PREPARED BY / DATE

Ben Minton
12-Feb-2021
7:28 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

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:	04121	**Test ID:**	T000124348
Type:	Concentrate	**Submitted:**	02/12/2021 @ 09:40 AM
Test:	Pesticides	**Started:**	2/16/2021
Method:	TM17	**Reported:**	2/17/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2135	ND*
Acetamiprid	39 - 2135	ND*
Abamectin	>258	ND*
Azoxystrobin	36 - 2135	ND*
Bifenazate	27 - 2135	ND*
Boscalid	46 - 2135	ND*
Carbaryl	33 - 2135	ND*
Carbofuran	35 - 2135	ND*
Chlorantraniliprole	49 - 2135	ND*
Chlorpyrifos	53 - 2135	ND*
Clofentezine	254 - 2135	ND*
Diazinon	242 - 2135	ND*
Dichlorvos	>235	ND*
Dimethoate	38 - 2135	ND*
E-Fenpyroximate	252 - 2135	ND*
Etofenprox	40 - 2135	ND*
Etoxazole	244 - 2135	ND*
Fenoxycarb	>36	ND*
Fipronil	53 - 2135	ND*
Flonicamid	47 - 2135	ND*
Fludioxonil	>271	ND*
Hexythiazox	42 - 2135	ND*
Imazalil	246 - 2135	ND*
Imidacloprid	36 - 2135	ND*
Kresoxim-methyl	40 - 2135	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	231 - 2135	ND*
Metalaxyl	40 - 2135	ND*
Methiocarb	41 - 2135	ND*
Methomyl	43 - 2135	ND*
MGK 264 1	143 - 2135	ND*
MGK 264 2	104 - 2135	ND*
Myclobutanil	33 - 2135	ND*
Naled	44 - 2135	ND*
Oxamyl	43 - 2135	ND*
Paclobutrazol	35 - 2135	ND*
Permethrin	229 - 2135	ND*
Phosmet	42 - 2135	ND*
Prophos	261 - 2135	ND*
Propoxur	37 - 2135	ND*
Pyridaben	257 - 2135	ND*
Spinosad A	24 - 2135	ND*
Spinosad D	66 - 2135	ND*
Spiromesifen	>229	ND*
Spirotetramat	>249	ND*
Spiroxamine 1	51 - 2135	ND*
Spiroxamine 2	26 - 2135	ND*
Tebuconazole	264 - 2135	ND*
Thiacloprid	41 - 2135	ND*
Thiamethoxam	43 - 2135	ND*
Trifloxystrobin	34 - 2135	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
17-Feb-2021
5:33 PM

PREPARED BY / DATE

Greg Zimpfer
17-Feb-2021
8:18 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:	04121	**Test ID:**	T000125035
Type:	Unit	**Submitted:**	02/19/2021 @ 01:06 PM
Test:	Metals	**Started:**	2/22/2021
Method:	TM19	**Reported:**	2/23/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.074 - 7.41	ND
Cadmium	0.077 - 7.71	ND
Mercury	0.072 - 7.21	ND
Lead	0.073 - 7.27	ND

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

FINAL APPROVAL

Daniel Weidensaul
23-Feb-2021
12:16 PM

PREPARED BY / DATE

Greg Zimpfer
23-Feb-2021
3:44 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:	04121	**Test ID:**	T000124349
Type:	Edible	**Submitted:**	02/12/2021 @ 09:40 AM
Test:	Microbial Contaminants	**Started:**	2/12/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	2/15/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	BLOQ
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: BLOQ | Below limit of quantitation
Coliforms: None Detected

FINAL APPROVAL

Nick Tumminaro
15-Feb-2021
3:58 PM
PREPARED BY / DATE

Ben Minton
15-Feb-2021
7:06 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