botanacor

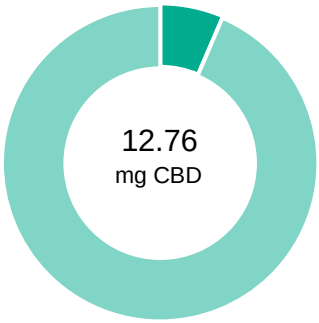
CERTIFICATE OF ANALYSIS

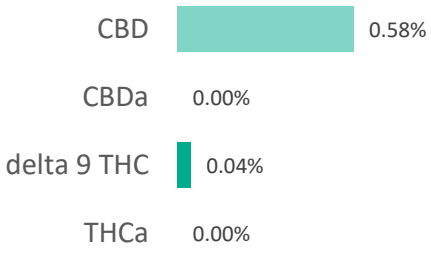
prepared for: Beak and Skiff Research
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Chewables Mango 250mg

Batch ID:	EXP 09/18/21	**Test ID:**	t000103530
Type:	Unit	**Submitted:**	10/15/2020 @ 01:02 PM
Test:	Potency	**Started:**	10/19/2020
Method:	TM14	**Reported:**	10/20/2020

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.37	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.18	0.98	0.4
Cannabidiolic acid (CBDA)	0.10	ND	ND
Cannabidiol (CBD)	0.22	12.76	5.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.20	ND	ND
Cannabinolic Acid (CBNA)	0.52	ND	ND
Cannabinol (CBN)	0.23	ND	ND
Cannabigerolic acid (CBGA)	0.33	ND	ND
Cannabigerol (CBG)	0.18	0.55	0.3
Tetrahydrocannabivarinic Acid (THCVA)	0.32	ND	ND
Tetrahydrocannabivarin (THCV)	0.16	ND	ND
Cannabidivarinic Acid (CBDVA)	0.10	ND	ND
Cannabidivarin (CBDV)	0.05	ND	ND
Cannabichromenic Acid (CBCA)	0.29	ND	ND
Cannabichromene (CBC)	0.33	0.39	0.2
Total Cannabinoids		**14.68**	**6.7**
Total Potential THC**		0.98	0.5
Total Potential CBD**		12.76	5.8

% = % (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=2.19057g

N/A

FINAL APPROVAL

Tyler Wiese
20-Oct-2020
12:31 PM
PREPARED BY / DATE

Ben Minton
20-Oct-2020
3:39 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
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Chewables Mango 250mg

Batch ID:	EXP 09/18/21	**Test ID:**	T000103532
Type:	Other	**Submitted:**	10/15/2020 @ 01:02 PM
Test:	Metals	**Started:**	10/21/2020
Method:	TM19	**Reported:**	10/22/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.085 - 8.45	ND
Cadmium	0.086 - 8.57	ND
Mercury	0.085 - 8.47	ND
Lead	0.088 - 8.84	ND

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

FINAL APPROVAL

Ryan Weems
22-Oct-2020
1:24 PM

PREPARED BY / DATE

Ben Minton
22-Oct-2020
4:08 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
4472 CHERRY VALLEY TPKE
LAFAYETTE, NY 13084

CBD Chewables Mango 250mg

Batch ID:	EXP 09/18/21	**Test ID:**	T000103531
Type:	Edible	**Submitted:**	10/15/2020 @ 01:02 PM
Test:	Microbial Contaminants	**Started:**	10/16/2020
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	10/19/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	None Detected
Total Coliforms	None Detected
Total Yeast and Molds	None Detected
E. coli	Absent
STEC and 0157 E. coli	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

Tori King
19-Oct-2020
3:44 PM
PREPARED BY / DATE

Greg Zimpfer
19-Oct-2020
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

ilac-MRA A2LA ACCREDITED
Certificate #4329.03

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