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CERTIFICATE OF ANALYSIS

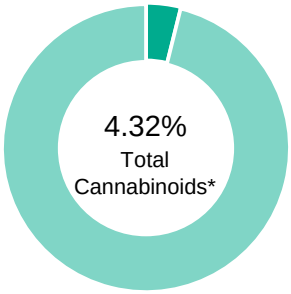
prepared for: Beak and Skiff Research

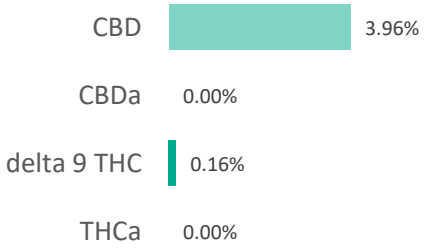
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Balm Revive 2500mg

Batch ID:	B0001	**Test ID:**	T000114779
Type:	Concentrate	**Submitted:**	12/11/2020 @ 10:47 AM
Test:	Potency	**Started:**	12/11/2020
Method:	TM14	**Reported:**	12/14/2020

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.12	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.16	1.6
Cannabidiolic acid (CBDA)	0.18	ND	ND
Cannabidiol (CBD)	0.17	3.96	39.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	0.12	1.2
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	ND	ND
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.05	0.08	0.8
Total Cannabinoids		**4.32**	**43.2**
Total Potential THC**		0.16	1.6
Total Potential CBD**		3.96	39.6

NOTES:
N/A

% = % (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)

FINAL APPROVAL

Mara Miller
14-Dec-2020
1:21 PM
PREPARED BY / DATE

Ben Minton
14-Dec-2020
1:30 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 OF ANALYSIS

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

CBD Balm Revive 2500mg

Batch ID:	B0001	**Test ID:**	T000114780
Type:	Topical	**Submitted:**	12/11/2020 @ 10:47 AM
Test:	Residual Solvents	**Started:**	12/16/2020
Method:	TM04	**Reported:**	12/16/2020

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	104 - 2083	*ND
Butanes (Isobutane, n-Butane)	196 - 3925	*ND
Methanol	59 - 1180	*ND
Pentane	97 - 1946	*ND
Ethanol	98 - 1956	*ND
Acetone	96 - 1916	*ND
Isopropyl Alcohol	97 - 1935	*ND
Hexane	6 - 116	*ND
Ethyl Acetate	94 - 1880	*ND
Benzene	0.2 - 3.7	*ND
Heptanes	95 - 1908	*ND
Toluene	17 - 339	*ND
Xylenes (m,p,o-Xylenes)	123 - 2452	*ND

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

NOTES:
N/A

FINAL APPROVAL

Samantha Smith
Sam Smith
16-Dec-2020
3:34 PM

PREPARED BY / DATE

Greg Zimpfer
16-Dec-2020
4:03 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

CBD Balm Revive 2500mg

Batch ID:	B0001	**Test ID:**	T000114782
Type:	Concentrate	**Submitted:**	12/11/2020 @ 10:47 AM
Test:	Pesticides	**Started:**	12/15/2020
Method:	TM17	**Reported:**	12/17/2020

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2437	ND*
Acetamiprid	42 - 2437	ND*
Abamectin	>321	ND*
Azoxystrobin	45 - 2437	ND*
Bifenazate	29 - 2437	ND*
Boscalid	49 - 2437	ND*
Carbaryl	41 - 2437	ND*
Carbofuran	42 - 2437	ND*
Chlorantraniliprole	52 - 2437	ND*
Chlorpyrifos	42 - 2437	ND*
Clofentezine	284 - 2437	ND*
Diazinon	304 - 2437	ND*
Dichlorvos	>293	ND*
Dimethoate	43 - 2437	ND*
E-Fenpyroximate	226 - 2437	ND*
Etofenprox	42 - 2437	ND*
Etoxazole	288 - 2437	ND*
Fenoxycarb	>40	ND*
Fipronil	35 - 2437	ND*
Flonicamid	35 - 2437	ND*
Fludioxonil	>334	ND*
Hexythiazox	43 - 2437	ND*
Imazalil	291 - 2437	ND*
Imidacloprid	46 - 2437	ND*
Kresoxim-methyl	46 - 2437	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	290 - 2437	ND*
Metalaxyl	48 - 2437	ND*
Methiocarb	44 - 2437	ND*
Methomyl	46 - 2437	ND*
MGK 264 1	154 - 2437	ND*
MGK 264 2	124 - 2437	ND*
Myclobutanil	42 - 2437	ND*
Naled	52 - 2437	ND*
Oxamyl	46 - 2437	ND*
Paclobutrazol	45 - 2437	ND*
Permethrin	307 - 2437	ND*
Phosmet	44 - 2437	ND*
Prophos	306 - 2437	ND*
Propoxur	42 - 2437	ND*
Pyridaben	281 - 2437	ND*
Spinosad A	28 - 2437	ND*
Spinosad D	77 - 2437	ND*
Spiromesifen	>248	ND*
Spirotetramat	>276	ND*
Spiroxamine 1	19 - 2437	ND*
Spiroxamine 2	23 - 2437	ND*
Tebuconazole	322 - 2437	ND*
Thiacloprid	43 - 2437	ND*
Thiamethoxam	46 - 2437	ND*
Trifloxystrobin	43 - 2437	ND*

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

N/A

FINAL APPROVAL

Taylor Brevik
17-Dec-2020
11:13 AM

PREPARED BY / DATE

Ben Minton
17-Dec-2020
6:54 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

CBD Balm Revive 2500mg

Batch ID:	B0001	**Test ID:**	T000114783
Type:	Other	**Submitted:**	12/11/2020 @ 10:47 AM
Test:	Metals	**Started:**	12/15/2020
Method:	TM19	**Reported:**	12/16/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.099 - 9.89	ND
Cadmium	0.107 - 10.70	ND
Mercury	0.106 - 10.60	ND
Lead	0.106 - 10.60	ND

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

FINAL APPROVAL

Ryan Weems
16-Dec-2020
11:31 AM

PREPARED BY / DATE

Greg Zimpfer
16-Dec-2020
3:21 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

CBD Balm Revive 2500mg

Batch ID:	B0001	**Test ID:**	T000114781
Type:	Topical	**Submitted:**	12/11/2020 @ 10:47 AM
Test:	Microbial Contaminants	**Started:**	12/11/2020
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	12/14/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count	None Detected
Total Coliforms	None Detected
Total Yeast and Molds	None Detected
E. coli	Absent
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
14-Dec-2020
1:33 PM
PREPARED BY / DATE

Ben Minton
14-Dec-2020
1:49 PM
APPROVED BY / DATE

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