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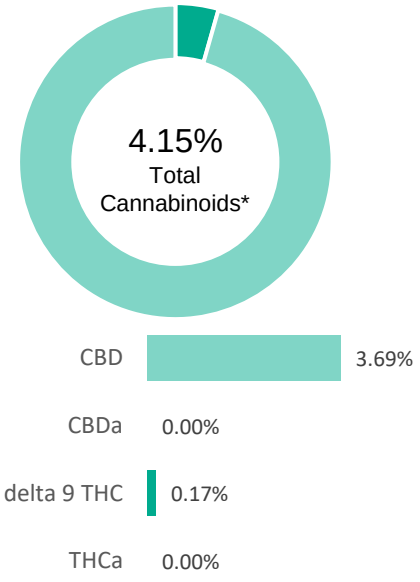
CERTIFICATE OF ANALYSIS

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

CBD Rescue Balm 2500mg

Batch ID:	B0004	**Test ID:**	T000118421
Type:	Concentrate	**Submitted:**	01/11/2021 @ 11:12 AM
Test:	Potency	**Started:**	1/11/2021
Method:	TM14	**Reported:**	1/12/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.17	1.7
Cannabidiolic acid (CBDA)	0.06	ND	ND
Cannabidiol (CBD)	0.06	3.69	36.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.04	ND	ND
Cannabigerol (CBG)	0.01	0.22	2.2
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	0.07	0.7
Total Cannabinoids		**4.15**	**41.5**
Total Potential THC**		0.17	1.7
Total Potential CBD**		3.69	36.9

% = % (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:
N/A

FINAL APPROVAL

Mara Miller
12-Jan-2021
10:17 AM
PREPARED BY / DATE

Ben Minton
12-Jan-2021
12:16 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 Rescue Balm 2500mg

Batch ID:	B0004	**Test ID:**	T000118422
Type:	Topical	**Submitted:**	01/11/2021 @ 11:12 AM
Test:	Residual Solvents	**Started:**	1/13/2021
Method:	TM04	**Reported:**	1/13/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	111 - 2222	*ND
Butanes (Isobutane, n-Butane)	210 - 4199	*ND
Methanol	57 - 1149	*ND
Pentane	103 - 2052	*ND
Ethanol	103 - 2054	*ND
Acetone	99 - 1973	*ND
Isopropyl Alcohol	102 - 2046	*ND
Hexane	6 - 121	*ND
Ethyl Acetate	100 - 2006	*ND
Benzene	0.2 - 4	*ND
Heptanes	99 - 1988	*ND
Toluene	18 - 350	*ND
Xylenes (m,p,o-Xylenes)	127 - 2542	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
13-Jan-2021
2:11 PM
PREPARED BY / DATE

Ben Minton
13-Jan-2021
2:16 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 Rescue Balm 2500mg

Batch ID:	B0004	**Test ID:**	T000118424
Type:	Concentrate	**Submitted:**	01/11/2021 @ 11:12 AM
Test:	Pesticides	**Started:**	1/13/2021
Method:	TM17	**Reported:**	1/14/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	62 - 2549	ND*
Acetamiprid	49 - 2549	ND*
Abamectin	>323	ND*
Azoxystrobin	49 - 2549	ND*
Bifenazate	42 - 2549	ND*
Boscalid	46 - 2549	ND*
Carbaryl	46 - 2549	ND*
Carbofuran	45 - 2549	ND*
Chlorantraniliprole	41 - 2549	ND*
Chlorpyrifos	43 - 2549	ND*
Clofentezine	295 - 2549	ND*
Diazinon	291 - 2549	ND*
Dichlorvos	>302	ND*
Dimethoate	46 - 2549	ND*
E-Fenpyroximate	299 - 2549	ND*
Etofenprox	44 - 2549	ND*
Etoxazole	311 - 2549	ND*
Fenoxycarb	>47	ND*
Fipronil	66 - 2549	ND*
Flonicamid	59 - 2549	ND*
Fludioxonil	>311	ND*
Hexythiazox	45 - 2549	ND*
Imazalil	262 - 2549	ND*
Imidacloprid	51 - 2549	ND*
Kresoxim-methyl	47 - 2549	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	304 - 2549	ND*
Metalaxyl	43 - 2549	ND*
Methiocarb	44 - 2549	ND*
Methomyl	47 - 2549	ND*
MGK 264 1	167 - 2549	ND*
MGK 264 2	116 - 2549	ND*
Myclobutanil	39 - 2549	ND*
Naled	47 - 2549	ND*
Oxamyl	45 - 2549	ND*
Paclobutrazol	43 - 2549	ND*
Permethrin	290 - 2549	ND*
Phosmet	46 - 2549	ND*
Prophos	319 - 2549	ND*
Propoxur	45 - 2549	ND*
Pyridaben	303 - 2549	ND*
Spinosad A	30 - 2549	ND*
Spinosad D	77 - 2549	ND*
Spiromesifen	>285	ND*
Spirotetramat	>277	ND*
Spiroxamine 1	20 - 2549	ND*
Spiroxamine 2	25 - 2549	ND*
Tebuconazole	271 - 2549	ND*
Thiacloprid	46 - 2549	ND*
Thiamethoxam	51 - 2549	ND*
Trifloxystrobin	47 - 2549	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
14-Jan-2021
6:42 PM

PREPARED BY / DATE

Ben Minton
14-Jan-2021
8:23 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 Rescue Balm 2500mg

Batch ID:	B0004	**Test ID:**	T000118425
Type:	Other	**Submitted:**	01/11/2021 @ 11:12 AM
Test:	Metals	**Started:**	1/14/2021
Method:	TM19	**Reported:**	1/15/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.114 - 11.40	ND
Cadmium	0.114 - 11.30	ND
Mercury	0.133 - 13.20	ND
Lead	0.132 - 13.20	ND

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

FINAL APPROVAL

Daniel Weidensaul
15-Jan-2021
11:03 AM

PREPARED BY / DATE

Ben Minton
15-Jan-2021
12:26 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 Rescue Balm 2500mg

Batch ID:	B0004	**Test ID:**	T000118423
Type:	Topical	**Submitted:**	01/11/2021 @ 11:12 AM
Test:	Microbial Contaminants	**Started:**	1/12/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	1/15/2021

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

Tori King
15-Jan-2021
1:29 PM

PREPARED BY / DATE

Greg Zimpfer
15-Jan-2021
4:10 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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