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CERTIFICATE OF ANALYSIS

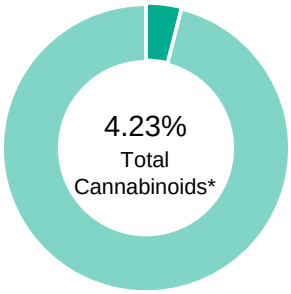
prepared for: Beak and Skiff Research

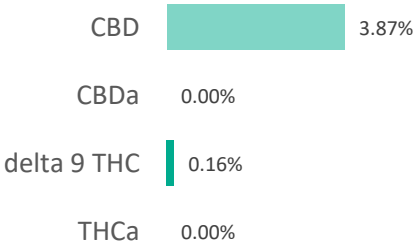
4472 Cherry Valley Tpke
Lafayette, NY 13084

CBD Balm Rescue 2500mg

Batch ID:	B0003	**Test ID:**	T000114784
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)	0.17	ND	ND
Cannabidiol (CBD)	0.17	3.87	38.7
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		**4.23**	**42.3**
Total Potential THC**		0.16	1.6
Total Potential CBD**		3.87	38.7

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 Rescue 2500mg

Batch ID:	B0003	**Test ID:**	T000114785
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 - 2086	*ND
Butanes (Isobutane, n-Butane)	197 - 3931	*ND
Methanol	59 - 1182	*ND
Pentane	97 - 1949	*ND
Ethanol	98 - 1959	*ND
Acetone	96 - 1919	*ND
Isopropyl Alcohol	97 - 1938	*ND
Hexane	6 - 116	*ND
Ethyl Acetate	94 - 1883	*ND
Benzene	0.2 - 3.7	*ND
Heptanes	96 - 1911	*ND
Toluene	17 - 340	*ND
Xylenes (m,p,o-Xylenes)	123 - 2455	*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 Rescue 2500mg

Batch ID:	B0003	**Test ID:**	T000114787
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	41 - 2196	ND*
Acetamiprid	37 - 2196	ND*
Abamectin	>289	ND*
Azoxystrobin	40 - 2196	ND*
Bifenazate	26 - 2196	ND*
Boscalid	45 - 2196	ND*
Carbaryl	37 - 2196	ND*
Carbofuran	38 - 2196	ND*
Chlorantraniliprole	46 - 2196	ND*
Chlorpyrifos	38 - 2196	ND*
Clofentezine	256 - 2196	ND*
Diazinon	274 - 2196	ND*
Dichlorvos	>264	ND*
Dimethoate	39 - 2196	ND*
E-Fenpyroximate	204 - 2196	ND*
Etofenprox	38 - 2196	ND*
Etoxazole	259 - 2196	ND*
Fenoxycarb	>36	ND*
Fipronil	31 - 2196	ND*
Flonicamid	31 - 2196	ND*
Fludioxonil	>301	ND*
Hexythiazox	38 - 2196	ND*
Imazalil	263 - 2196	ND*
Imidacloprid	42 - 2196	ND*
Kresoxim-methyl	41 - 2196	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	262 - 2196	ND*
Metalaxyl	43 - 2196	ND*
Methiocarb	40 - 2196	ND*
Methomyl	41 - 2196	ND*
MGK 264 1	139 - 2196	ND*
MGK 264 2	111 - 2196	ND*
Myclobutanil	38 - 2196	ND*
Naled	46 - 2196	ND*
Oxamyl	42 - 2196	ND*
Paclobutrazol	41 - 2196	ND*
Permethrin	277 - 2196	ND*
Phosmet	40 - 2196	ND*
Prophos	275 - 2196	ND*
Propoxur	38 - 2196	ND*
Pyridaben	253 - 2196	ND*
Spinosad A	26 - 2196	ND*
Spinosad D	69 - 2196	ND*
Spiromesifen	>223	ND*
Spirotetramat	>249	ND*
Spiroxamine 1	17 - 2196	ND*
Spiroxamine 2	21 - 2196	ND*
Tebuconazole	290 - 2196	ND*
Thiacloprid	39 - 2196	ND*
Thiamethoxam	41 - 2196	ND*
Trifloxystrobin	39 - 2196	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 Rescue 2500mg

Batch ID:	B0003	**Test ID:**	T000114788
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	0.101 - 10.10	ND
Cadmium	0.110 - 10.90	ND
Mercury	0.109 - 10.90	ND
Lead	0.109 - 10.80	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 Rescue 2500mg

Batch ID:	B0003	**Test ID:**	T000114786
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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