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CERTIFICATE OF ANALYSIS

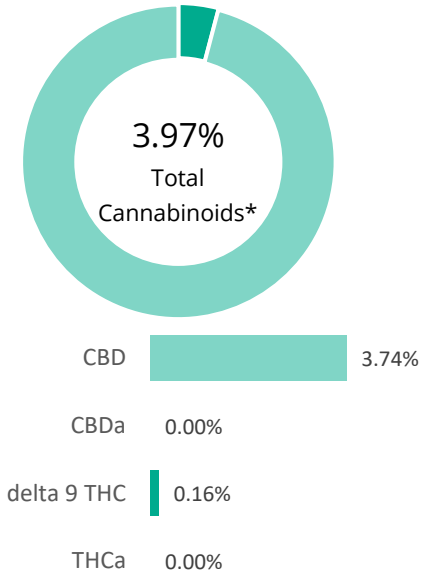
prepared for: Beak and Skiff Research

4473 Cherry Valley Tpke
Lafayette, NY 13084

Balm 3

Batch ID:	B0010	**Test ID:**	T000136674
Type:	Concentrate	**Submitted:**	04/26/2021 @ 10:18 AM
Test:	Potency	**Started:**	4/27/2021
Method:	TM14	**Reported:**	4/28/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.16	1.6
Cannabidiolic acid (CBDA)	0.05	ND	ND
Cannabidiol (CBD)	0.05	3.74	37.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
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		**3.97**	**39.7**
Total Potential THC**		0.16	1.6
Total Potential CBD**		3.74	37.4

% = % (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

Daniel Weidensaul
28-Apr-2021
1:14 PM
PREPARED BY / DATE

Tyler Wiese
28-Apr-2021
1:19 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

Certificate #4329.02

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CERTIFICATE OF ANALYSIS

prepared for: BEAK AND SKIFF RESEARCH

4473 CHERRY VALLEY TPKE
LAFAYETTE, NY 13084

Balm 3

Batch ID:	B0010	**Test ID:**	T000136678
Type:	Topical	**Submitted:**	04/26/2021 @ 10:18 AM
Test:	Residual Solvents	**Started:**	4/27/2021
Method:	TM04	**Reported:**	4/28/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	94 - 1890	*ND
Butanes (Isobutane, n-Butane)	185 - 3707	*ND
Methanol	74 - 1476	*ND
Pentane	103 - 2058	*ND
Ethanol	106 - 2123	*ND
Acetone	114 - 2284	*ND
Isopropyl Alcohol	125 - 2499	*ND
Hexane	7 - 140	*ND
Ethyl Acetate	116 - 2311	*ND
Benzene	0.2 - 4.6	*ND
Heptanes	109 - 2171	*ND
Toluene	20 - 409	*ND
Xylenes (m,p,o-Xylenes)	146 - 2925	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
28-Apr-2021
9:57 AM

PREPARED BY / DATE

Ryan Weems
28-Apr-2021
12:32 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research

4473 Cherry Valley Tpke
Lafayette, NY 13084

Balm 3

Batch ID:	B0010	**Test ID:**	T000136675
Type:	Concentrate	**Submitted:**	04/26/2021 @ 10:18 AM
Test:	Pesticides	**Started:**	4/26/2021
Method:	TM17	**Reported:**	4/29/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	34 - 2480	ND*
Acetamiprid	39 - 2480	ND*
Abamectin	>405	ND*
Azoxystrobin	56 - 2480	ND*
Bifenazate	37 - 2480	ND*
Boscalid	64 - 2480	ND*
Carbaryl	39 - 2480	ND*
Carbofuran	45 - 2480	ND*
Chlorantraniliprole	51 - 2480	ND*
Chlorpyrifos	46 - 2480	ND*
Clofentezine	279 - 2480	ND*
Diazinon	271 - 2480	ND*
Dichlorvos	>275	ND*
Dimethoate	36 - 2480	ND*
E-Fenpyroximate	272 - 2480	ND*
Etofenprox	41 - 2480	ND*
Etoxazole	308 - 2480	ND*
Fenoxycarb	>38	ND*
Fipronil	53 - 2480	ND*
Flonicamid	40 - 2480	ND*
Fludioxonil	>340	ND*
Hexythiazox	37 - 2480	ND*
Imazalil	283 - 2480	ND*
Imidacloprid	40 - 2480	ND*
Kresoxim-methyl	55 - 2480	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	271 - 2480	ND*
Metalaxyl	49 - 2480	ND*
Methiocarb	36 - 2480	ND*
Methomyl	44 - 2480	ND*
MGK 264 1	150 - 2480	ND*
MGK 264 2	109 - 2480	ND*
Myclobutanil	42 - 2480	ND*
Naled	56 - 2480	ND*
Oxamyl	35 - 2480	ND*
Paclobutrazol	44 - 2480	ND*
Permethrin	262 - 2480	ND*
Phosmet	43 - 2480	ND*
Prophos	324 - 2480	ND*
Propoxur	42 - 2480	ND*
Pyridaben	263 - 2480	ND*
Spinosad A	36 - 2480	ND*
Spinosad D	102 - 2480	ND*
Spiromesifen	>255	ND*
Spirotetramat	>303	ND*
Spiroxamine 1	21 - 2480	ND*
Spiroxamine 2	21 - 2480	ND*
Tebuconazole	278 - 2480	ND*
Thiacloprid	39 - 2480	ND*
Thiamethoxam	40 - 2480	ND*
Trifloxystrobin	56 - 2480	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
29-Apr-2021
7:58 AM

PREPARED BY / DATE

Taylor Brevik
29-Apr-2021
8:01 AM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research

4473 Cherry Valley Tpke
Lafayette, NY 13084

Balm 3

Batch ID:	B0010	**Test ID:**	T000136677
Type:	Unit	**Submitted:**	04/26/2021 @ 10:18 AM
Test:	Metals	**Started:**	4/27/2021
Method:	TM19	**Reported:**	4/28/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.045 - 4.54	ND
Cadmium	0.047 - 4.74	ND
Mercury	0.047 - 4.73	ND
Lead	0.047 - 4.73	ND

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

FINAL APPROVAL

Ryan Weems
28-Apr-2021
4:06 PM

PREPARED BY / DATE

Daniel Weidensaul
28-Apr-2021
4:08 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: BEAK AND SKIFF RESEARCH
4473 CHERRY VALLEY TPKE
LAFAYETTE, NY 13084

Balm 3

Batch ID:	B0010	**Test ID:**	T000136676
Type:	Topical	**Submitted:**	04/26/2021 @ 10:18 AM
Test:	Microbial Contaminants	**Started:**	4/26/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	4/29/2021

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)	Absent
Salmonella	Absent

** 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

Sarah Henning
29-Apr-2021
10:44 AM

PREPARED BY / DATE

Robert Belfon
29-Apr-2021
4:11 PM

APPROVED BY / DATE

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