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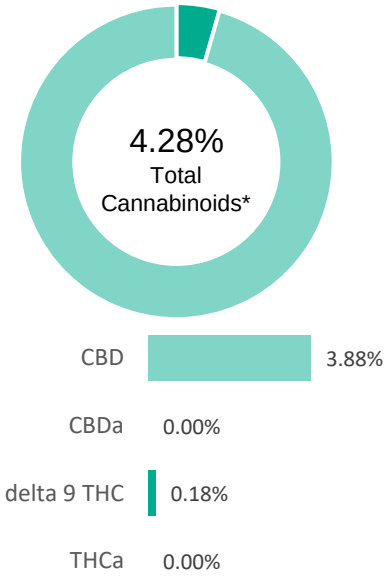
CERTIFICATE OF ANALYSIS

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

Restore

Batch ID:	B0005	**Test ID:**	T000119611
Type:	Concentrate	**Submitted:**	01/19/2021 @ 11:39 AM
Test:	Potency	**Started:**	1/21/2021
Method:	TM14	**Reported:**	1/22/2021

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	0.18	1.8
Cannabidiolic acid (CBDA)	0.06	ND	ND
Cannabidiol (CBD)	0.06	3.88	38.8
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	0.14	1.4
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	0.08	0.8
Total Cannabinoids		**4.28**	**42.8**
Total Potential THC**		0.18	1.8
Total Potential CBD**		3.88	38.8

% = % (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:
N/A

FINAL APPROVAL

Mara Miller
22-Jan-2021
2:25 PM
PREPARED BY / DATE

Ben Minton
22-Jan-2021
8:22 PM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Restore

Batch ID:	B0005	**Test ID:**	t000119615
Type:	Topical	**Submitted:**	01/19/2021 @ 11:39 AM
Test:	Residual Solvents	**Started:**	1/21/2021
Method:	TM04	**Reported:**	1/21/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	111 - 2227	*ND
Butanes (Isobutane, n-Butane)	208 - 4161	*ND
Methanol	59 - 1172	*ND
Pentane	100 - 1990	*ND
Ethanol	103 - 2067	*ND
Acetone	98 - 1963	*ND
Isopropyl Alcohol	102 - 2039	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	100 - 1998	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	99 - 1971	*ND
Toluene	18 - 355	*ND
Xylenes (m,p,o-Xylenes)	131 - 2615	*ND

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

NOTES:
N/A

FINAL APPROVAL

Sam Smith
21-Jan-2021
3:42 PM

PREPARED BY / DATE

Ben Minton
21-Jan-2021
4:58 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Restore

Batch ID:	B0005	**Test ID:**	T000119612
Type:	Concentrate	**Submitted:**	01/19/2021 @ 11:39 AM
Test:	Pesticides	**Started:**	1/21/2021
Method:	TM17	**Reported:**	1/22/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	35 - 2364	ND*
Acetamiprid	37 - 2364	ND*
Abamectin	>290	ND*
Azoxystrobin	42 - 2364	ND*
Bifenazate	39 - 2364	ND*
Boscalid	42 - 2364	ND*
Carbaryl	44 - 2364	ND*
Carbofuran	42 - 2364	ND*
Chlorantraniliprole	46 - 2364	ND*
Chlorpyrifos	52 - 2364	ND*
Clofentezine	283 - 2364	ND*
Diazinon	274 - 2364	ND*
Dichlorvos	>295	ND*
Dimethoate	37 - 2364	ND*
E-Fenpyroximate	300 - 2364	ND*
Etofenprox	42 - 2364	ND*
Etoxazole	296 - 2364	ND*
Fenoxycarb	>43	ND*
Fipronil	46 - 2364	ND*
Flonicamid	51 - 2364	ND*
Fludioxonil	>286	ND*
Hexythiazox	45 - 2364	ND*
Imazalil	267 - 2364	ND*
Imidacloprid	40 - 2364	ND*
Kresoxim-methyl	47 - 2364	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	275 - 2364	ND*
Metalaxyl	40 - 2364	ND*
Methiocarb	40 - 2364	ND*
Methomyl	43 - 2364	ND*
MGK 264 1	163 - 2364	ND*
MGK 264 2	120 - 2364	ND*
Myclobutanil	40 - 2364	ND*
Naled	48 - 2364	ND*
Oxamyl	39 - 2364	ND*
Paclobutrazol	43 - 2364	ND*
Permethrin	283 - 2364	ND*
Phosmet	42 - 2364	ND*
Prophos	283 - 2364	ND*
Propoxur	41 - 2364	ND*
Pyridaben	287 - 2364	ND*
Spinosad A	30 - 2364	ND*
Spinosad D	82 - 2364	ND*
Spiromesifen	>266	ND*
Spirotetramat	>265	ND*
Spiroxamine 1	19 - 2364	ND*
Spiroxamine 2	23 - 2364	ND*
Tebuconazole	283 - 2364	ND*
Thiacloprid	38 - 2364	ND*
Thiamethoxam	41 - 2364	ND*
Trifloxystrobin	42 - 2364	ND*

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

N/A

FINAL APPROVAL

Tyler Wiese
22-Jan-2021
12:13 PM

PREPARED BY / DATE

Ben Minton
22-Jan-2021
7:58 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Restore

Batch ID:	B0005	**Test ID:**	T000119614
Type:	Other	**Submitted:**	01/19/2021 @ 11:39 AM
Test:	Metals	**Started:**	1/20/2021
Method:	TM19	**Reported:**	1/21/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.116 - 11.50	ND
Cadmium	0.111 - 11.10	ND
Mercury	0.112 - 11.10	ND
Lead	0.130 - 12.90	ND

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

FINAL APPROVAL

Samantha Smith
Sam Smith
21-Jan-2021
12:20 PM

PREPARED BY / DATE

Ben Minton
Ben Minton
21-Jan-2021
2:28 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Restore

Batch ID:	B0005	**Test ID:**	T000119613
Type:	Topical	**Submitted:**	01/19/2021 @ 11:39 AM
Test:	Microbial Contaminants	**Started:**	1/21/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	1/24/2021

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

Nick Tumminaro
24-Jan-2021
3:01 PM
PREPARED BY / DATE

Ben Minton
24-Jan-2021
7:48 PM
APPROVED BY / DATE

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