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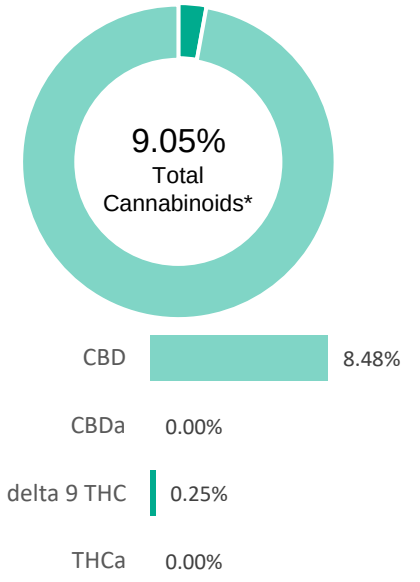
CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4473 Cherry Valley Tpke
Lafayette, NY 13084

Organic CBD Oil Original 2400mg

Batch ID:	T0015	**Test ID:**	T000132392
Type:	Concentrate	**Submitted:**	04/01/2021 @ 12:45 PM
Test:	Potency	**Started:**	4/1/2021
Method:	TM14	**Reported:**	4/2/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.25	2.5
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	8.48	84.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.01	0.1
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.13	1.3
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.04	0.4
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.00	0.14	1.4
Total Cannabinoids		**9.05**	**90.5**
Total Potential THC**		0.25	2.5
Total Potential CBD**		8.48	84.8

% = % (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

Samantha Smith
Sam Smith
2-Apr-2021
10:13 AM
PREPARED BY / DATE

Ryan Weems
Ryan Weems
2-Apr-2021
10:15 AM
APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Original 2400mg

Batch ID:	T0015	**Test ID:**	T000132396
Type:	Concentrate	**Submitted:**	04/01/2021 @ 12:45 PM
Test:	Residual Solvents	**Started:**	4/6/2021
Method:	TM04	**Reported:**	4/7/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	105 - 2108	*ND
Butanes (Isobutane, n-Butane)	203 - 4059	*ND
Methanol	62 - 1234	*ND
Pentane	99 - 1989	*ND
Ethanol	104 - 2079	*ND
Acetone	99 - 1985	*ND
Isopropyl Alcohol	104 - 2079	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	103 - 2068	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	101 - 2011	*ND
Toluene	18 - 368	*ND
Xylenes (m,p,o-Xylenes)	133 - 2668	*ND

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

NOTES:
N/A

FINAL APPROVAL

Samantha Smith
Sam Smith
7-Apr-2021
11:12 AM

PREPARED BY / DATE

Tyler Wiese
Tyler Wiese
7-Apr-2021
11:22 AM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4473 Cherry Valley Tpke
Lafayette, NY 13084

Organic CBD Oil Original 2400mg

Batch ID:	T0015	**Test ID:**	T000132393
Type:	Concentrate	**Submitted:**	04/01/2021 @ 12:45 PM
Test:	Pesticides	**Started:**	4/6/2021
Method:	TM17	**Reported:**	4/7/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	36 - 2406	ND*
Acetamiprid	39 - 2406	ND*
Abamectin	>362	ND*
Azoxystrobin	38 - 2406	ND*
Bifenazate	27 - 2406	ND*
Boscalid	46 - 2406	ND*
Carbaryl	36 - 2406	ND*
Carbofuran	38 - 2406	ND*
Chlorantraniliprole	35 - 2406	ND*
Chlorpyrifos	41 - 2406	ND*
Clofentezine	273 - 2406	ND*
Diazinon	259 - 2406	ND*
Dichlorvos	>282	ND*
Dimethoate	38 - 2406	ND*
E-Fenpyroximate	216 - 2406	ND*
Etofenprox	39 - 2406	ND*
Etoxazole	284 - 2406	ND*
Fenoxycarb	>38	ND*
Fipronil	59 - 2406	ND*
Flonicamid	41 - 2406	ND*
Fludioxonil	>278	ND*
Hexythiazox	35 - 2406	ND*
Imazalil	296 - 2406	ND*
Imidacloprid	37 - 2406	ND*
Kresoxim-methyl	44 - 2406	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2406	ND*
Metalaxyl	38 - 2406	ND*
Methiocarb	39 - 2406	ND*
Methomyl	39 - 2406	ND*
MGK 264 1	144 - 2406	ND*
MGK 264 2	113 - 2406	ND*
Myclobutanil	39 - 2406	ND*
Naled	41 - 2406	ND*
Oxamyl	39 - 2406	ND*
Paclobutrazol	43 - 2406	ND*
Permethrin	272 - 2406	ND*
Phosmet	39 - 2406	ND*
Prophos	283 - 2406	ND*
Propoxur	39 - 2406	ND*
Pyridaben	290 - 2406	ND*
Spinosad A	28 - 2406	ND*
Spinosad D	80 - 2406	ND*
Spiromesifen	>237	ND*
Spirotetramat	>259	ND*
Spiroxamine 1	16 - 2406	ND*
Spiroxamine 2	21 - 2406	ND*
Tebuconazole	291 - 2406	ND*
Thiacloprid	37 - 2406	ND*
Thiamethoxam	39 - 2406	ND*
Trifloxystrobin	37 - 2406	ND*

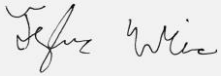
* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

Sam Smith
7-Apr-2021
12:30 PM

PREPARED BY / DATE



Tyler Wiese
7-Apr-2021
12:34 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

prepared for: Beak and Skiff Research
4473 Cherry Valley Tpke
Lafayette, NY 13084

Organic CBD Oil Original 2400mg

Batch ID:	T0015	**Test ID:**	T000132395
Type:	Unit	**Submitted:**	04/01/2021 @ 12:45 PM
Test:	Metals	**Started:**	4/6/2021
Method:	TM19	**Reported:**	4/7/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.084 - 8.39	ND
Cadmium	0.084 - 8.38	ND
Mercury	0.086 - 8.55	ND
Lead	0.111 - 11.00	ND

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

FINAL APPROVAL

Daniel Weidensaul
7-Apr-2021
12:47 PM

PREPARED BY / DATE

Sam Smith
7-Apr-2021
12:52 PM

APPROVED BY / DATE

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CERTIFICATE OF ANALYSIS

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

Organic CBD Oil Original 2400mg

Batch ID:	T0015	**Test ID:**	T000132394
Type:	Edible	**Submitted:**	04/01/2021 @ 12:45 PM
Test:	Microbial Contaminants	**Started:**	4/2/2021
Method:	TM24, TM25, TM26, TM27, TM28	**Reported:**	4/5/2021

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

Robert Belfon
5-Apr-2021
4:05 PM
PREPARED BY / DATE

Nick Tumminaro
5-Apr-2021
4:27 PM
APPROVED BY / DATE

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