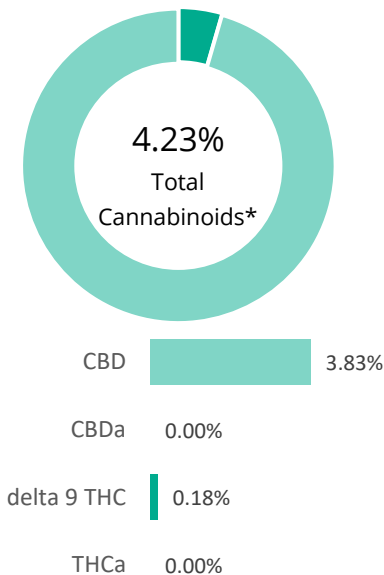


O\_CBD\_BAL\_BCS

<b>Batch ID:</b>	B0015	<b>Test ID:</b>	T000149996
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/09/2021 @ 12:46 PM
<b>Test:</b>	Potency	<b>Started:</b>	7/13/2021
<b>Method:</b>	TM14	<b>Reported:</b>	7/14/2021

## 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)	0.05	ND	ND
Cannabidiol (CBD)	0.05	3.83	38.3
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	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
<b>Total Cannabinoids</b>		<b>4.23</b>	<b>42.3</b>
Total Potential THC**		0.18	1.8
Total Potential CBD**		3.83	38.3

% = % (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

	Taylor Brevik 14-Jul-2021 6:00 PM		Daniel Weidensaul 14-Jul-2021 6:05 PM
PREPARED BY / DATE		APPROVED BY / DATE	

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O\_CBD\_BAL\_BCS

<b>Batch ID:</b>	B0015	<b>Test ID:</b>	T000150000
<b>Type:</b>	Topical	<b>Submitted:</b>	07/09/2021 @ 12:46 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	7/14/2021
<b>Method:</b>	TM04	<b>Reported:</b>	7/14/2021

## RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	69 - 1370	*ND
Butanes	136 - 2727	*ND
(Isobutane, n-Butane)		
Methanol	57 - 1150	*ND
Pentane	78 - 1567	*ND
Ethanol	85 - 1695	*ND
Acetone	88 - 1756	*ND
Isopropyl Alcohol	97 - 1939	*ND
Hexane	5 - 108	*ND
Ethyl Acetate	90 - 1805	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	85 - 1700	*ND
Toluene	16 - 322	*ND
Xylenes	116 - 2315	*ND
(m,p,o-Xylenes)		

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

NOTES:

N/A

## FINAL APPROVAL

  
Sam Smith  
14-Jul-2021  
4:52 PM

PREPARED BY / DATE

  
Ryan Weems  
14-Jul-2021  
4:53 PM

APPROVED BY / DATE

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Certificate #4329.02

O\_CBD\_BAL\_BCS

<b>Batch ID:</b>	B0015	<b>Test ID:</b>	T000149997
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/09/2021 @ 12:46 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	7/13/2021
<b>Method:</b>	TM17	<b>Reported:</b>	7/14/2021


## PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2475	ND*	Malathion	289 - 2475	ND*
Acetamiprid	46 - 2475	ND*	Metalaxyl	51 - 2475	ND*
Abamectin	>316	ND*	Methiocarb	44 - 2475	ND*
Azoxystrobin	44 - 2475	ND*	Methomyl	42 - 2475	ND*
Bifenazate	40 - 2475	ND*	MGK 264 1	177 - 2475	ND*
Boscalid	47 - 2475	ND*	MGK 264 2	126 - 2475	ND*
Carbaryl	45 - 2475	ND*	Myclobutanil	43 - 2475	ND*
Carbofuran	45 - 2475	ND*	Naled	53 - 2475	ND*
Chlorantraniliprole	46 - 2475	ND*	Oxamyl	40 - 2475	ND*
Chlorpyrifos	48 - 2475	ND*	Paclobutrazol	43 - 2475	ND*
Clofentezine	286 - 2475	ND*	Permethrin	306 - 2475	ND*
Diazinon	289 - 2475	ND*	Phosmet	43 - 2475	ND*
Dichlorvos	>274	ND*	Prophos	289 - 2475	ND*
Dimethoate	44 - 2475	ND*	Propoxur	44 - 2475	ND*
E-Fenpyroximate	305 - 2475	ND*	Pyridaben	290 - 2475	ND*
Etofenprox	44 - 2475	ND*	Spinosad A	30 - 2475	ND*
Etoxazole	305 - 2475	ND*	Spinosad D	81 - 2475	ND*
Fenoxycarb	>51	ND*	Spiromesifen	>287	ND*
Fipronil	58 - 2475	ND*	Spirotetramat	>280	ND*
Flonicamid	55 - 2475	ND*	Spiroxamine 1	20 - 2475	ND*
Fludioxonil	>301	ND*	Spiroxamine 2	25 - 2475	ND*
Hexythiazox	40 - 2475	ND*	Tebuconazole	305 - 2475	ND*
Imazalil	300 - 2475	ND*	Thiacloprid	46 - 2475	ND*
Imidacloprid	51 - 2475	ND*	Thiamethoxam	47 - 2475	ND*
Kresoxim-methyl	49 - 2475	ND*	Trifloxystrobin	44 - 2475	ND*


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

N/A

## FINAL APPROVAL

  
 Taylor Brevik  
 14-Jul-2021  
 2:00 PM

PREPARED BY / DATE

  
 Sam Smith  
 14-Jul-2021  
 2:04 PM

APPROVED BY / DATE

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Prepared for:

**O\_CBD\_BAL\_BCS****Beak and Skiff Research**


Batch ID or Lot Number: <b>B0015</b>	Test: <b>Metals</b>	Reported: <b>7/15/21</b>	Location: 4473 Cherry Valley Tpke Lafayette, NY 13084
Matrix: Unit	Test ID: T000149999	Started: 7/15/21	USDA License: N/A
Status: N/A	Method: TM19: Heavy Metals	Received: 07/09/2021 @ 12:46 PM	Sampler ID: N/A

## HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.046 - 4.63	ND	
Cadmium	0.044 - 4.38	ND	
Mercury	0.044 - 4.41	ND	
Lead	0.043 - 4.34	ND	

 Sam Smith  
15-Jul-21  
2:54 PM

PREPARED BY / DATE

 Daniel Weidensaul  
15-Jul-21  
2:56 PM

APPROVED BY / DATE

**Definitions**

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

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Certificate #4329.02

O\_CBD\_BAL\_BCS

<b>Batch ID:</b>	B0015	<b>Test ID:</b>	T000149998
<b>Matrix:</b>	Finished Product	<b>Received:</b>	07/09/2021 @ 12:46 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	7/12/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	7/15/2021

## MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LOQ	Result
<b>Total Aerobic Count*</b>	TM-26 Culture Plating	10 <sup>2</sup> CFU/gram	10 <sup>3</sup> CFU/gram	<b>None Detected</b>
<b>Total Coliforms*</b>	TM-27 Culture Plating	10 <sup>1</sup> CFU/gram	10 <sup>2</sup> CFU/gram	<b>None Detected</b>
<b>Total Yeast and Molds*</b>	TM-24 Culture Plating	10 <sup>1</sup> CFU/gram	10 <sup>2</sup> CFU/gram	<b>None Detected</b>
<b>E. coli</b>	TM-28 Culture Plating	1 CFU/gram	NA	<b>Absent</b>
<b>E. coli (STEC)</b>	TM-25 PCR	1 CFU/gram	NA	<b>Absent</b>
<b>Salmonella</b>	TM-25 PCR	1 CFU/gram	NA	<b>Absent</b>

CFU/g = Colony Forming Units 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<sup>2</sup> = 100 CFU  
10<sup>3</sup> = 1,000 CFU  
10<sup>4</sup> = 10,000 CFU  
10<sup>5</sup> = 100,000 CFU

## NOTES:


Free from visual mold, mildew, and foreign matter

TYM: None Detected


Total Aerobic: None Detected

Total Coliforms: None Detected

## FINAL APPROVAL

 Robert Belfon  
15-Jul-2021  
1:42 PM

PREPARED BY / DATE

 Sarah Henning  
15-Jul-2021  
2:15 PM

APPROVED BY / DATE

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