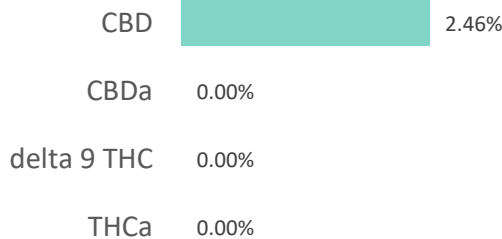
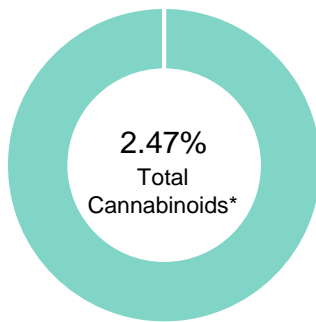


Sport

Batch ID:	1143-20314	Test ID:	T000112013
Type:	Concentrate	Submitted:	11/23/2020 @ 02:24 PM
Test:	Potency	Started:	11/25/2020
Method:	TM14	Reported:	11/30/2020

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	ND	ND
Cannabidiolic acid (CBDA)	0.00	ND	ND
Cannabidiol (CBD)	0.01	2.46	24.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.02	ND	ND
Cannabinol (CBN)	0.01	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.01	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.00	ND	ND
Cannabidivarin (CBDV)	0.00	0.01	0.1
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	ND	ND
Total Cannabinoids		2.47	24.7
Total Potential THC**		ND	ND
Total Potential CBD**		2.46	24.6

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

 Ryan Weems 30-Nov-2020 1:55 PM	 Ben Minton 30-Nov-2020 6:43 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

Sport

Batch ID:	1143-20314	Test ID:	T000112014
Type:	Topical	Submitted:	11/23/2020 @ 02:24 PM
Test:	Microbial Contaminants	Started:	11/25/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	11/28/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 E. coli	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


Sarah Henning
28-Nov-2020
2:52 PM
Greg Zimpfer
28-Nov-2020
7:26 PM

PREPARED BY / DATE

APPROVED BY / DATE

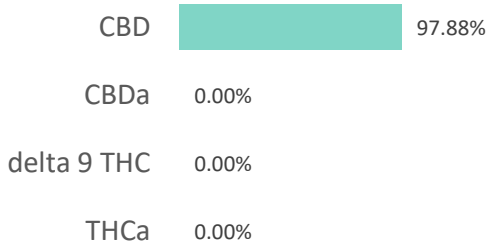
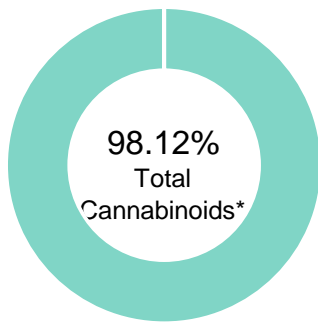
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Certificate #4329.03

CBD Isolate

Batch ID:	BB96	Test ID:	T000094386
Reported:	8-Sep-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.06	ND	ND
Cannabidiolic acid (CBDA)	0.33	ND	ND
Cannabidiol (CBD)	0.19	97.88	978.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.07	ND	ND
Cannabinolic Acid (CBNA)	0.17	ND	ND
Cannabinol (CBN)	0.08	ND	ND
Cannabigerolic acid (CBGA)	0.11	ND	ND
Cannabigerol (CBG)	0.06	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.06	ND	ND
Cannabidivarinic Acid (CBDVA)	0.31	ND	ND
Cannabidivarin (CBDV)	0.17	0.24	2.4
Cannabichromenic Acid (CBCA)	0.09	ND	ND
Cannabichromene (CBC)	0.11	ND	ND
Total Cannabinoids		98.12	981.2
Total Potential THC**		ND	ND
Total Potential CBD**		97.88	978.8


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


Ryan Weems
 8-Sep-2020
 2:10 PM



Ben Minton
 8-Sep-2020
 3:14 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

CBD Isolate

Batch ID:	BB96	Test ID:	T000094389
Reported:	7-Sep-2020	Method:	MIP - Test Methods: TM05, TM06
Type:	MIP		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	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
7-Sep-2020
6:40 PM
Greg Zimpfer
7-Sep-2020
7:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

CBD Isolate


Batch ID:	BB96	Test ID:	T000094388
Reported:	8-Sep-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	83 - 1664	*ND
Butanes (Isobutane, n-Butane)	168 - 3361	*ND
Methanol	65 - 1298	*ND
Pentane	95 - 1898	*ND
Ethanol	91 - 1812	*ND
Acetone	106 - 2113	*ND
Isopropyl Alcohol	110 - 2202	*ND
Hexane	6 - 129	*ND
Ethyl Acetate	107 - 2145	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	100 - 2010	*ND
Toluene	19 - 388	*ND
Xylenes (m,p,o-Xylenes)	142 - 2834	*ND


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

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
8-Sep-2020
4:31 PM

PREPARED BY / DATE



Ben Minton
8-Sep-2020
6:09 PM

APPROVED BY / DATE

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Certificate #4329.02

CBD Isolate

Batch ID:	BB96	Test ID:	T000094390
Reported:	10-Sep-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2545	ND*	Malathion	306 - 2545	ND*
Acetamiprid	43 - 2545	ND*	Metalaxyl	45 - 2545	ND*
Abamectin	>362	ND*	Methiocarb	50 - 2545	ND*
Azoxystrobin	44 - 2545	ND*	Methomyl	45 - 2545	ND*
Bifenazate	45 - 2545	ND*	MGK 264 1	186 - 2545	ND*
Boscalid	46 - 2545	ND*	MGK 264 2	140 - 2545	ND*
Carbaryl	47 - 2545	ND*	Myclobutanil	43 - 2545	ND*
Carbofuran	46 - 2545	ND*	Naled	61 - 2545	ND*
Chlorantraniliprole	42 - 2545	ND*	Oxamyl	45 - 2545	ND*
Chlorpyrifos	44 - 2545	ND*	Paclobutrazol	50 - 2545	ND*
Clofentezine	303 - 2545	ND*	Permethrin	308 - 2545	ND*
Diazinon	314 - 2545	ND*	Phosmet	49 - 2545	ND*
Dichlorvos	>293	ND*	Prophos	275 - 2545	ND*
Dimethoate	46 - 2545	ND*	Propoxur	49 - 2545	ND*
E-Fenpyroximate	305 - 2545	ND*	Pyridaben	291 - 2545	ND*
Etofenprox	46 - 2545	ND*	Spinosad A	32 - 2545	ND*
Etoxazole	298 - 2545	ND*	Spinosad D	83 - 2545	ND*
Fenoxycarb	>45	ND*	Spiromesifen	>273	NA
Fipronil	51 - 2545	ND*	Spirotetramat	>259	NA
Flonicamid	38 - 2545	ND*	Spiroxamine 1	20 - 2545	ND*
Fludioxonil	>279	ND*	Spiroxamine 2	27 - 2545	ND*
Hexythiazox	43 - 2545	ND*	Tebuconazole	315 - 2545	ND*
Imazalil	301 - 2545	ND*	Thiacloprid	44 - 2545	ND*
Imidacloprid	48 - 2545	ND*	Thiamethoxam	50 - 2545	ND*
Kresoxim-methyl	45 - 2545	ND*	Trifloxystrobin	46 - 2545	ND*


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

N/A

FINAL APPROVAL

 Tyler Wiese
 10-Sep-2020
 6:50 PM

PREPARED BY / DATE

 Greg Zimpfer
 10-Sep-2020
 7:56 PM

APPROVED BY / DATE

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CBD Isolate


Batch ID:	BB96	Test ID:	T000094391
Reported:	10-Sep-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.066 - 6.60	ND
Cadmium	0.067 - 6.66	ND
Mercury	0.066 - 6.64	ND
Lead	0.070 - 6.97	ND


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

FINAL APPROVAL



Ryan Weems
10-Sep-2020
11:51 AM

PREPARED BY / DATE



Greg Zimpfer
10-Sep-2020
1:40 PM

APPROVED BY / DATE

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