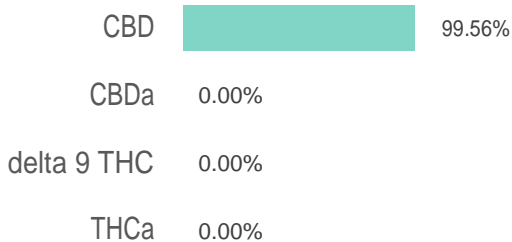
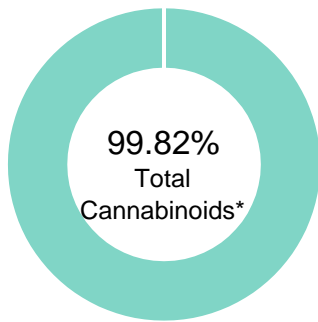


CBD Isolate

Batch ID:	BH-ISO-CBD-1-200903	Test ID:	T000090488
Reported:	03-Sept-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.46	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.23	ND	ND
Cannabidiolic acid (CBDA)	0.25	ND	ND
Cannabidiol (CBD)	0.14	99.56	995.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.25	ND	ND
Cannabinolic Acid (CBNA)	0.63	ND	ND
Cannabinol (CBN)	0.28	ND	ND
Cannabigerolic acid (CBGA)	0.40	ND	ND
Cannabigerol (CBG)	0.23	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.39	ND	ND
Tetrahydrocannabivarin (THCV)	0.20	ND	ND
Cannabidivarinic Acid (CBDVA)	0.23	ND	ND
Cannabidivarin (CBDV)	0.13	0.26	2.6
Cannabichromenic Acid (CBCA)	0.34	ND	ND
Cannabichromene (CBC)	0.41	ND	ND
Total Cannabinoids		99.82	998.2
Total Potential THC**		ND	ND
Total Potential CBD**		99.56	995.6

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

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

FINAL APPROVAL


 Daniel Weidensaul
 03-Sept-2020
 5:12 PM



 Scott Hanson
 03-Sept-2020
 6:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

CBD Isolate

Batch ID:	BH-ISO-CBD-1-200903	Test ID:	T000090489
Reported:	03-Sept-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	100 - 2005	*ND
Butanes (Isobutane, n-Butane)	152 - 3037	*ND
Methanol	64 - 1286	*ND
Pentane	90 - 1799	132
Ethanol	88 - 1757	*ND
Acetone	105 - 2098	*ND
Isopropyl Alcohol	110 - 2194	*ND
Hexane	6 - 126	*ND
Ethyl Acetate	105 - 2101	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	98 - 1952	*ND
Toluene	19 - 382	*ND
Xylenes (m,p,o-Xylenes)	138 - 2766	*ND

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


NOTES:

N/A

FINAL APPROVAL


Ryan Weems
03-Sept-2020
6:12 PM

PREPARED BY / DATE


Scott Hanson
03-Sept-2020
7:42 PM

APPROVED BY / DATE

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Certificate #4329.02

CBD Isolate

Batch ID:	BH-ISO-CBD-1-200903	Test ID:	T000090490
Reported:	03-Sept-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
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 APPROVALSarah Henning
03-Sept-2020
3:10 PMScott Hanson
03-Sept-2020
8:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

CBD Isolate


Batch ID:	BH-ISO-CBD-1-200903	Test ID:	T000090493
Reported:	03-Sept-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.08	ND
Cadmium	0.072 - 7.16	ND
Mercury	0.096 - 9.60	ND
Lead	0.072 - 7.17	ND

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

FINAL APPROVAL



Ryan Weems
03-Sept-2020
10:32 AM

PREPARED BY / DATE



Greg Zimpfer
03-Sept-2020
11:50 AM

APPROVED BY / DATE

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CBD Isolate

Batch ID:	BH-ISO-CBD-1-200903	Test ID:	6488737.0026
Reported:	03-Sept-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2579	ND*	Malathion	300 - 2579	ND*
Acetamiprid	42 - 2579	ND*	Metalaxyl	47 - 2579	ND*
Abamectin	>307	ND*	Methiocarb	43 - 2579	ND*
Azoxystrobin	44 - 2579	ND*	Methomyl	44 - 2579	ND*
Bifenazate	32 - 2579	ND*	MGK 264 1	179 - 2579	ND*
Boscalid	39 - 2579	ND*	MGK 264 2	111 - 2579	ND*
Carbaryl	40 - 2579	ND*	Myclobutanil	46 - 2579	ND*
Carbofuran	45 - 2579	ND*	Naled	48 - 2579	ND*
Chlorantraniliprole	37 - 2579	ND*	Oxamyl	42 - 2579	ND*
Chlorpyrifos	45 - 2579	ND*	Paclobutrazol	47 - 2579	ND*
Clofentezine	312 - 2579	ND*	Permethrin	299 - 2579	ND*
Diazinon	296 - 2579	ND*	Phosmet	46 - 2579	ND*
Dichlorvos	>297	ND*	Prophos	303 - 2579	ND*
Dimethoate	42 - 2579	ND*	Propoxur	46 - 2579	ND*
E-Fenpyroximate	299 - 2579	ND*	Pyridaben	305 - 2579	ND*
Etofenprox	43 - 2579	ND*	Spinosad A	30 - 2579	ND*
Etoxazole	307 - 2579	ND*	Spinosad D	79 - 2579	ND*
Fenoxycarb	>49	ND*	Spiromesifen	>284	ND*
Fipronil	38 - 2579	ND*	Spirotetramat	>312	ND*
Flonicamid	49 - 2579	ND*	Spiroxamine 1	20 - 2579	ND*
Fludioxonil	>316	ND*	Spiroxamine 2	25 - 2579	ND*
Hexythiazox	47 - 2579	ND*	Tebuconazole	304 - 2579	ND*
Imazalil	281 - 2579	ND*	Thiacloprid	43 - 2579	ND*
Imidacloprid	45 - 2579	ND*	Thiamethoxam	39 - 2579	ND*
Kresoxim-methyl	48 - 2579	ND*	Trifloxystrobin	45 - 2579	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 03-Sept-2020
 6:09 PM

PREPARED BY / DATE



 Ben Minton
 03-Sept-2020
 6:28 PM

APPROVED BY / DATE

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