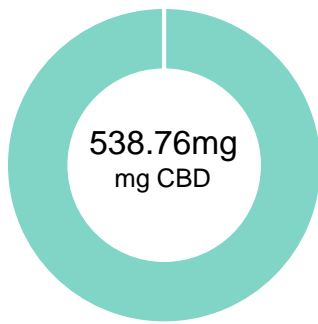


### CBD Oil Drops Peppermint Bark 500mg CBD

<b>Batch ID:</b>	HC2106	<b>Test ID:</b>	T000094320
<b>Reported:</b>	3-Sep-2020	<b>Method:</b>	TM14
<b>Type:</b>	Unit		
<b>Test:</b>	Potency		

### CANNABINOID PROFILE



CBD	1.92%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.60	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.80	ND	ND
Cannabidiolic acid (CBDA)	2.33	ND	ND
Cannabidiol (CBD)	1.30	538.76	19.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.87	ND	ND
Cannabinolic Acid (CBNA)	2.19	ND	ND
Cannabinol (CBN)	0.97	2.31	0.1
Cannabigerolic acid (CBGA)	1.40	ND	ND
Cannabigerol (CBG)	0.79	8.07	0.3
Tetrahydrocannabivarinic Acid (THCVA)	1.37	ND	ND
Tetrahydrocannabivarin (THCV)	0.71	ND	ND
Cannabidivarinic Acid (CBDVA)	2.16	ND	ND
Cannabidivarin (CBDV)	1.18	1.51	0.1
Cannabichromenic Acid (CBCA)	1.20	ND	ND
Cannabichromene (CBC)	1.44	7.97	0.3
<b>Total Cannabinoids</b>		<b>558.62</b>	<b>20.0</b>
Total Potential THC**		ND	ND
Total Potential CBD**		538.76	19.2

% = % (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:  
 # of Servings = 1, Sample Weight=28g  
 N/A

### FINAL APPROVAL

  
 Tyler Wiese  
 3-Sep-2020  
 8:40 PM

  
 Ben Minton  
 3-Sep-2020  
 9:20 PM

PREPARED BY / DATE

APPROVED BY / DATE

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**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0106	<b>Test ID:</b>	T000088277
<b>Reported:</b>	3-Aug-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

**HEAVY METALS**


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.074 - 7.37	ND
Cadmium	0.079 - 7.90	ND
Mercury	0.073 - 7.28	ND
Lead	0.075 - 7.53	ND

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

**FINAL APPROVAL**

Ryan Weems  
3-Aug-2020  
4:25 PM

PREPARED BY / DATE



Greg Zimpfer  
3-Aug-2020  
5:46 PM

APPROVED BY / DATE

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**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0106	<b>Test ID:</b>	T000088275
<b>Reported:</b>	2-Aug-2020	<b>Method:</b>	Concentrate - Test Methods: TM05, TM06
<b>Type:</b>	Concentrate		
<b>Test:</b>	Microbial Contaminants		

**MICROBIAL CONTAMINANTS**

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	None Detected
<b>Salmonella</b>	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 2-Aug-2020 3:25 PM		Ben Minton 2-Aug-2020 7:13 PM
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APPROVED BY / DATE

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Certificate #4329.03

**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0106	<b>Test ID:</b>	5107069.0018
<b>Reported:</b>	30-Jul-2020	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		


**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	45 - 2535	ND*	Malathion	291 - 2535	ND*
Acetamiprid	45 - 2535	ND*	Metalaxyl	41 - 2535	ND*
Abamectin	>290	ND*	Methiocarb	43 - 2535	ND*
Azoxystrobin	43 - 2535	ND*	Methomyl	45 - 2535	ND*
Bifenazate	40 - 2535	ND*	MGK 264 1	194 - 2535	ND*
Boscalid	27 - 2535	ND*	MGK 264 2	104 - 2535	ND*
Carbaryl	42 - 2535	ND*	Myclobutanil	43 - 2535	ND*
Carbofuran	45 - 2535	ND*	Naled	42 - 2535	ND*
Chlorantraniliprole	32 - 2535	ND*	Oxamyl	43 - 2535	ND*
Chlorpyrifos	65 - 2535	ND*	Paclobutrazol	45 - 2535	ND*
Clofentezine	285 - 2535	ND*	Permethrin	303 - 2535	ND*
Diazinon	286 - 2535	ND*	Phosmet	42 - 2535	ND*
Dichlorvos	>287	ND*	Prophos	290 - 2535	ND*
Dimethoate	45 - 2535	ND*	Propoxur	42 - 2535	ND*
E-Fenpyroximate	292 - 2535	ND*	Pyridaben	304 - 2535	ND*
Etofenprox	42 - 2535	ND*	Spinosad A	31 - 2535	ND*
Etoxazole	307 - 2535	ND*	Spinosad D	79 - 2535	ND*
Fenoxycarb	>48	ND*	Spiromesifen	>270	ND*
Fipronil	76 - 2535	ND*	Spirotetramat	>272	ND*
Flonicamid	44 - 2535	ND*	Spiroxamine 1	16 - 2535	ND*
Fludioxonil	>297	ND*	Spiroxamine 2	23 - 2535	ND*
Hexythiazox	40 - 2535	ND*	Tebuconazole	296 - 2535	ND*
Imazalil	263 - 2535	ND*	Thiacloprid	44 - 2535	ND*
Imidacloprid	43 - 2535	ND*	Thiamethoxam	43 - 2535	ND*
Kresoxim-methyl	45 - 2535	ND*	Trifloxystrobin	43 - 2535	ND*

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

N/A

**FINAL APPROVAL**

  
 Tyler Wiese  
 30-Jul-2020  
 12:15 PM

PREPARED BY / DATE

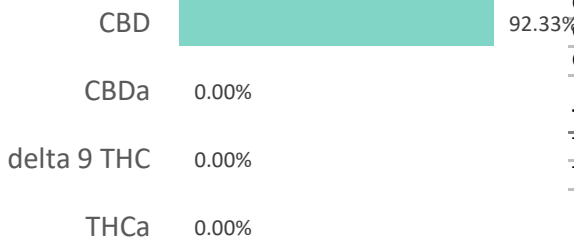
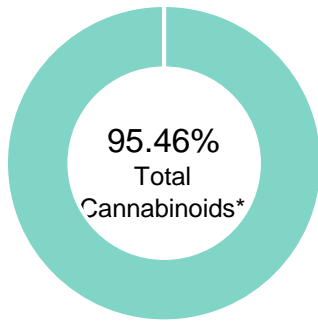
  
 Ben Minton  
 30-Jul-2020  
 3:41 PM

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**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0106	<b>Test ID:</b>	6700224.009
<b>Reported:</b>	29-Jul-2020	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.18	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	ND	ND
Cannabidiolic acid (CBDA)	0.33	ND	ND
Cannabidiol (CBD)	0.18	92.33	923.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.10	ND	ND
Cannabinolic Acid (CBNA)	0.25	ND	ND
Cannabinol (CBN)	0.11	0.40	4.0
Cannabigerolic acid (CBGA)	0.16	ND	ND
Cannabigerol (CBG)	0.09	1.14	11.4
Tetrahydrocannabivarinic Acid (THCVA)	0.15	ND	ND
Tetrahydrocannabivarin (THCV)	0.08	ND	ND
Cannabidivarinic Acid (CBDVA)	0.30	ND	ND
Cannabidivarin (CBDV)	0.17	0.29	2.9
Cannabichromenic Acid (CBCA)	0.13	ND	ND
Cannabichromene (CBC)	0.16	1.30	13.0
<b>Total Cannabinoids</b>		<b>95.46</b>	<b>954.60</b>
Total Potential THC**		ND	ND
Total Potential CBD**		92.33	923.30


**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  
29-Jul-2020  
6:17 PM



Greg Zimpfer  
29-Jul-2020  
8:56 PM

PREPARED BY / DATE

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Certificate #4329.02

**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0106	<b>Test ID:</b>	T000088274
<b>Reported:</b>	31-Jul-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	107 - 2146	*ND
<b>Butanes</b> (Isobutane, n-Butane)	213 - 4256	*ND
<b>Methanol</b>	63 - 1262	*ND
<b>Pentane</b>	107 - 2147	*ND
<b>Ethanol</b>	87 - 1736	*ND
<b>Acetone</b>	113 - 2268	*ND
<b>Isopropyl Alcohol</b>	102 - 2036	*ND
<b>Hexane</b>	6 - 128	*ND
<b>Ethyl Acetate</b>	109 - 2175	*ND
<b>Benzene</b>	0.2 - 4.3	*ND
<b>Heptanes</b>	114 - 2278	*ND
<b>Toluene</b>	19 - 372	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	128 - 2563	*ND


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

NOTES:  
N/A

**FINAL APPROVAL**


**Ryan Weems**  
31-Jul-2020  
3:40 PM

PREPARED BY / DATE



**Greg Zimpfer**  
31-Jul-2020  
4:29 PM

APPROVED BY / DATE

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