



**K N D L A B S**

## Certificate of Analysis Documents

**Product: Broad Spectrum Distillate THC Free**

Lot: KND

Batch: 514

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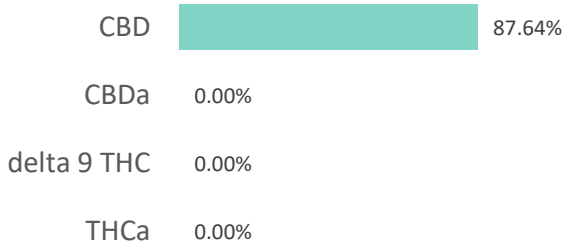
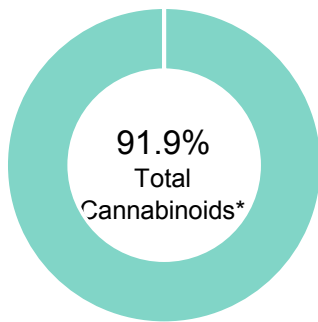
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**Know your CBD Source. Buy Direct from the Manufacturer.**

**Broad Spectrum THC Free Distillate**

<b>Batch ID:</b>	KND 514	<b>Test ID:</b>	1309232.0017
<b>Reported:</b>	13-May-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)	0.21	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.10	ND	ND
Cannabidiolic acid (CBDA)	0.34	ND	ND
Cannabidiol (CBD)	0.19	87.64	876.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.11	ND	ND
Cannabinolic Acid (CBNA)	0.29	ND	ND
Cannabinol (CBN)	0.13	0.64	6.4
Cannabigerolic acid (CBGA)	0.18	ND	ND
Cannabigerol (CBG)	0.10	3.38	33.8
Tetrahydrocannabivarinic Acid (THCVA)	0.18	ND	ND
Tetrahydrocannabivarin (THCV)	0.09	ND	ND
Cannabidivarinic Acid (CBDVA)	0.32	ND	ND
Cannabidivarin (CBDV)	0.17	0.24	2.4
Cannabichromenic Acid (CBCA)	0.16	ND	ND
Cannabichromene (CBC)	0.19	ND	ND
<b>Total Cannabinoids</b>		<b>91.90</b>	<b>919.00</b>
Total Potential THC**		ND	ND
Total Potential CBD**		87.64	876.40

**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**  
13-May-2020  
5:17 PM



**Greg Zimpfer**  
13-May-2020  
7:21 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**Broad Spectrum THC Free Distillate**

<b>Batch ID:</b>	KND 514	<b>Test ID:</b>	7391813.0046
<b>Reported:</b>	12-May-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	58 - 2686	ND*	Malathion	348 - 2686	ND*
Acetamiprid	58 - 2686	ND*	Metalaxyl	58 - 2686	ND*
Abamectin	>348	ND*	Methiocarb	58 - 2686	ND*
Azoxystrobin	58 - 2686	ND*	Methomyl	58 - 2686	ND*
Bifenazate	58 - 2686	ND*	MGK 264 1	348 - 2686	ND*
Boscalid	58 - 2686	ND*	MGK 264 2	348 - 2686	ND*
Carbaryl	58 - 2686	ND*	Myclobutanil	58 - 2686	ND*
Carbofuran	58 - 2686	ND*	Naled	58 - 2686	ND*
Chlorantraniliprole	58 - 2686	ND*	Oxamyl	58 - 2686	ND*
Chlorpyrifos	58 - 2686	ND*	Paclobutrazol	58 - 2686	ND*
Clofentezine	348 - 2686	ND*	Permethrin	348 - 2686	ND*
Diazinon	348 - 2686	ND*	Phosmet	58 - 2686	ND*
Dichlorvos	>348	ND*	Prophos	348 - 2686	ND*
Dimethoate	58 - 2686	ND*	Propoxur	58 - 2686	ND*
E-Fenpyroximate	58 - 2686	ND*	Pyridaben	58 - 2686	ND*
Etofenprox	58 - 2686	ND*	Spinosad A	58 - 2686	ND*
Etoxazole	348 - 2686	ND*	Spinosad D	348 - 2686	ND*
Fenoxycarb	>58	ND*	Spiromesifen	>348	ND*
Fipronil	58 - 2686	ND*	Spirotetramat	>348	ND*
Flonicamid	58 - 2686	ND*	Spiroxamine 1	58 - 2686	ND*
Fludioxonil	>348	ND*	Spiroxamine 2	58 - 2686	ND*
Hexythiazox	58 - 2686	ND*	Tebuconazole	348 - 2686	ND*
Imazalil	348 - 2686	ND*	Thiacloprid	58 - 2686	ND*
Imidacloprid	58 - 2686	ND*	Thiamethoxam	58 - 2686	ND*
Kresoxim-methyl	58 - 2686	ND*	Trifloxystrobin	58 - 2686	ND*

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

N/A

**FINAL APPROVAL**

  
 Tyler Wiese  
 12-May-2020  
 6:36 PM  
 PREPARED BY / DATE

  
 Ben Minton  
 12-May-2020  
 8:00 PM  
 APPROVED BY / DATE

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## THC Free Distillate


<b>Batch ID:</b>	KND 514	<b>Test ID:</b>	T000072746
<b>Reported:</b>	28-Apr-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.073 - 7.33	ND
Cadmium	0.078 - 7.79	ND
Mercury	0.045 - 4.47	ND
Lead	0.074 - 7.40	ND


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

## FINAL APPROVAL



Alex Benson  
28-Apr-2020  
10:08 AM

PREPARED BY / DATE



Greg Zimpfer  
28-Apr-2020  
2:00 PM

APPROVED BY / DATE

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**Broad Spectrum THC Free Distillate**

<b>Batch ID:</b>	KND 514	<b>Test ID:</b>	T000075128
<b>Reported:</b>	14-May-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><i>E. coli</i></b>	None Detected
<b><i>Salmonella</i></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**  
Mara Miller  
14-May-2020  
1:28 PM  
Ben Minton  
14-May-2020  
2:50 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03


**Broad Spectrum THC Free Distillate**

<b>Batch ID:</b>	KND 514	<b>Test ID:</b>	T000075127
<b>Reported:</b>	14-May-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	73 - 1455	*ND
Butanes (Isobutane, n-Butane)	142 - 2840	*ND
Methanol	59 - 1185	*ND
Pentane	87 - 1745	*ND
Ethanol	84 - 1672	*ND
Acetone	96 - 1923	*ND
Isopropyl Alcohol	99 - 1990	*ND
Hexane	6 - 119	*ND
Ethyl Acetate	98 - 1952	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	92 - 1839	*ND
Toluene	18 - 353	*ND
Xylenes (m,p,o-Xylenes)	127 - 2549	*ND

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

NOTES:  
N/A**FINAL APPROVAL**  
Ryan Weems  
14-May-2020  
7:38 PM  
PREPARED BY / DATE  
Ben Minton  
14-May-2020  
8:38 PM  
APPROVED BY / DATE

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