

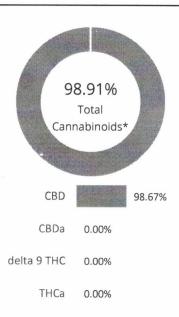
prepared for: HD DISTRIBUTION

3147 CENTURY STREET COLORADO SPRINGS, CO 80907

#### **CBD** Isolate

Batch ID:	0100024	Test ID:	T000141672
Туре:	Concentrate	Submitted:	05/18/2021 @ 10:55 AM
Test:	Potency	Started:	5/19/2021
Method:	TM14	Reported:	5/20/2021

### **CANNABINOID PROFILE**



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.15	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.17	ND	ND
Cannabidiolic acid (CBDA)	0.12	ND	ND
Cannabidiol (CBD)	0.12	98.67	986.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.18	ND	ND
Cannabinolic Acid (CBNA)	0.10	ND	ND
Cannabinol (CBN)	0.05	ND	ND
Cannabigerolic acid (CBGA)	0.15	ND	ND
Cannabigerol (CBG)	0.04	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.13	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.05	ND	ND
Cannabidivarin (CBDV)	0.03	0.24	2.4
Cannabichromenic Acid (CBCA)	0.06	ND	ND
Cannabichromene (CBC)	0.06	ND	ND
Total Cannabinoids		98.91	989.1
Total Potential THC**		ND	ND
Total Potential CBD**		98.67	986.7

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



Daniel Weidensaul 20-May-2021 3:13 PM

Michele Gagnon 20-May-2021 3:15 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







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3147 CENTURY STREET COLORADO SPRINGS, CO 80907

#### **CBD** Isolate

Batch ID:	0100024	Test ID:	T000141694
Туре:	Concentrate	Submitted:	05/19/2021 @ 10:47 AM
Test:	Residual Solvents	Started:	5/20/2021
Method:	TM04	Reported:	5/20/2021

## **RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	75 - 1498	*ND
Butanes	455 2405	<b>4ND</b>
(Isobutane, n-Butane)	155 - 3105	*ND
Methanol	63 - 1256	*ND
Pentane	91 - 1829	385
Ethanol	104 - 2082	*ND
Acetone	106 - 2112	*ND
Isopropyl Alcohol	118 - 2365	*ND
Hexane	6 - 129	*ND
Ethyl Acetate	107 - 2138	*ND
Benzene	0.2 - 4.3	*ND
Heptanes	100 - 2005	*ND
Toluene	19 - 386	*ND
Xylenes	120 2761	*ND
(m,p,o-Xylenes)	138 - 2761	~ND

<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)

NOTES:

N/A

### **FINAL APPROVAL**

Savantha Smol

Sam Smith 20-May-2021 3:56 PM

Famil Westernal

Daniel Weidensaul 20-May-2021 3:58 PM

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3147 CENTURY STREET COLORADO SPRINGS, CO 80907

#### **CBD** Isolate

Batch ID:	0100024	Test ID:	T000141693
Type:	Concentrate	Submitted:	05/19/2021 @ 10:47 AM
Test:	Metals	Started:	5/24/2021
Method:	TM19	Reported:	5/25/2021

### **HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.043 - 4.27	ND
Cadmium	0.043 - 4.31	ND
Mercury	0.045 - 4.47	ND
Lead	0.042 - 4,20	ND

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

## FINAL APPROVAL

Myon Vania

Ryan Weems 25-May-2021 3:41 PM

Daniel Westernal

Daniel Weidensaul 25-May-2021 3:51 PM

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#### **CBD** Isolate

Batch ID:	0100024	Test ID:	T000141691
Туре:	Concentrate	Submitted:	05/19/2021 @ 10:47 AM
Test:	Pesticides	Started:	5/20/2021
Method:	TM17	Reported:	5/21/2021

## **PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	
Acephate	32 - 2504	ND*	
Acetamiprid	37 - 2504	ND*	
Abamectin	>284	ND*	
Azoxystrobin	44 - 2504	ND*	
Bifenazate	28 - 2504	ND*	
Boscalid	42 - 2504	ND*	
Carbaryl	41 - 2504	ND*	
Carbofuran	44 - 2504	ND*	
Chlorantraniliprole	45 - 2504	ND*	
Chlorpyrifos	48 - 2504	ND*	
Clofentezine	291 - 2504	ND*	
Diazinon	290 - 2504	ND*	
Dichlorvos	>257	ND*	
Dimethoate	39 - 2504	ND*	
E-Fenpyroximate	280 - 2504	ND*	
Etofenprox	47 - 2504	ND*	
Etoxazole	309 - 2504	ND*	
Fenoxycarb	>45	ND*	
Fipronil	26 - 2504	ND*	
Flonicamid	43 - 2504	ND*	
Fludioxonil	>286	ND*	
Hexythiazox	37 - 2504	ND*	
Imazalil	273 - 2504	ND*	
Imidacloprid	42 - 2504	ND*	
Kresoxim-methyl	45 - 2504	ND*	

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	286 - 2504	ND*
Metalaxyl	42 - 2504	ND*
Methiocarb	43 - 2504	ND*
Methomyl	36 - 2504	ND*
MGK 264 1	168 - 2504	ND*
MGK 264 2	119 - 2504	ND*
Myclobutanil	43 - 2504	ND*
Naled	46 - 2504	ND*
Oxamyl	38 - 2504	ND*
Paclobutrazol	45 - 2504	ND*
Permethrin	292 - 2504	ND*
Phosmet	39 - 2504	ND*
Prophos	275 - 2504	ND*
Propoxur	44 - 2504	ND*
Pyridaben	285 - 2504	ND*
Spinosad A	30 - 2504	ND*
Spinosad D	89 - 2504	ND*
Spiromesifen	>292	ND*
Spirotetramat	>287	ND*
Spiroxamine 1	20 - 2504	ND*
Spiroxamine 2	25 - 2504	ND*
Tebuconazole	304 - 2504	ND*
Thiacloprid	38 - 2504	ND*
Thiamethoxam	37 - 2504	ND*
Trifloxystrobin	44 - 2504	ND*

N/A

# FINAL APPROVAL

Samontha Small

Sam Smith 21-May-2021 9:58 AM

THE BUT

Tavlor Brevik 21-Mav-2021 10:01 AM

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<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)



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3147 CENTURY STREET COLORADO SPRINGS, CO 80907

#### **CBD** Isolate

Batch ID:	0100024	Test ID:	T000141692
Туре:	Concentrate	Submitted:	05/19/2021 @ 10:47 AM
Test:	Microbial Contaminants	Started:	5/19/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	5/22/2021

### **MICROBIAL CONTAMINANTS**

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

<sup>\*</sup> CFU/g = Colony Forming Unit per Gram

10^2 = 100 CFU Examples:

10^3 = 1,000 CFU 10^4 = 10,000 CFU 10^5 = 100.000 CFU

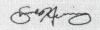
#### NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected Coliforms: None Detected

## FINAL APPROVAL



Sarah Henning 22-May-2021 9:34 AM

Courting Eichobs

Courtney Richards 22-May-2021 6:55 PM

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APPROVED BY / DATE

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<sup>\*\*</sup> Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.