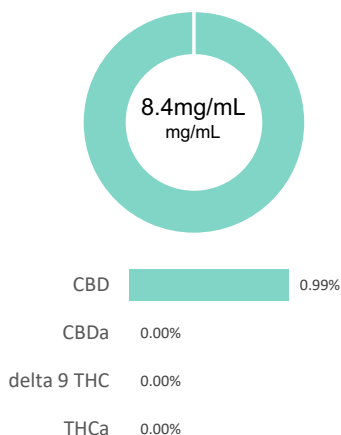


**CBD Muscle Rub**

<b>Batch ID:</b>	49511	<b>Test ID:</b>	3865064.0014
<b>Reported:</b>	16-Jun-2020	<b>Method:</b>	TM14
<b>Type:</b>	Solution		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.25	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.12	ND	ND
Cannabidiolic acid (CBDA)	0.10	ND	ND
Cannabidiol (CBD)	0.06	8.40	9.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.34	ND	ND
Cannabinol (CBN)	0.15	ND	ND
Cannabigerolic acid (CBGA)	0.22	ND	ND
Cannabigerol (CBG)	0.12	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.21	ND	ND
Tetrahydrocannabivarin (THCV)	0.11	ND	ND
Cannabidivarinic Acid (CBDVA)	0.09	ND	ND
Cannabidivarin (CBDV)	0.05	ND	ND
Cannabichromenic Acid (CBCA)	0.19	ND	ND
Cannabichromene (CBC)	0.22	ND	ND
<b>Total Cannabinoids</b>		<b>8.40</b>	<b>9.93</b>
<b>Total Potential THC**</b>		<b>ND</b>	<b>ND</b>
<b>Total Potential CBD**</b>		<b>8.40</b>	<b>9.93</b>


**NOTES:**

Density = 0.843g/mL

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**

	Michelle Gagnon 16-Jun-2020 11:32 AM		Ben Minton 16-Jun-2020 1:12 PM
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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 OF ANALYSIS

prepared for: UTAH CANNABIS CO.  
129 E. 13800 S. SUITE B-2#236  
DRAPER, UT 84020

## CBD Muscle Rub

<b>Batch ID:</b>	49511	<b>Test ID:</b>	T000080548
<b>Reported:</b>	15-Jun-2020	<b>Method:</b>	Topical - Test Methods: TM05, TM06
<b>Type:</b>	Topical		
<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<sup>2</sup> = 100 CFU  
10<sup>3</sup> = 1,000 CFU  
10<sup>4</sup> = 10,000 CFU  
10<sup>5</sup> = 100,000 CFU

### NOTES:

Free from visual mold, mildew, and foreign matter  
TYM: None Detected  
Total Aerobic: None Detected  
Coliforms: None Detected

## FINAL APPROVAL

	<b>Robert Belfon</b> 15-Jun-2020 2:19 PM		<b>Greg Zimpfer</b> 15-Jun-2020 4:50 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03



## CERTIFICATE OF ANALYSIS

prepared for: UTAH CANNABIS CO.  
129 E. 13800 S. SUITE B-2#236  
DRAPER, UT 84020

### CBD Muscle Rub

<b>Batch ID:</b>	49511	<b>Test ID:</b>	T000080547
<b>Reported:</b>	15-Jun-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		


### RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	92 - 1850	*ND
Butanes (Isobutane, n-Butane)	159 - 3177	*ND
Methanol	64 - 1282	*ND
Pentane	90 - 1794	*ND
Ethanol	95 - 1904	*ND
Acetone	98 - 1964	*ND
Isopropyl Alcohol	112 - 2242	*ND
Hexane	6 - 120	*ND
Ethyl Acetate	102 - 2040	*ND
Benzene	0.2 - 3.9	*ND
Heptanes	91 - 1830	*ND
Toluene	18 - 360	*ND
Xylenes (m,p,o-Xylenes)	131 - 2620	*ND


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

NOTES:  
N/A

### FINAL APPROVAL

  
Ryan Weems  
15-Jun-2020  
4:00 PM

PREPARED BY / DATE

  
Greg Zimpfer  
15-Jun-2020  
4:07 PM

APPROVED BY / DATE

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Certificate #4329.02



## CERTIFICATE OF ANALYSIS

prepared for: UTAH CANNABIS CO.  
129 E. 13800 S. SUITE B-2#236  
DRAPER, UT 84020

### CBD Muscle Rub


<b>Batch ID:</b>	49511	<b>Test ID:</b>	T000080550
<b>Reported:</b>	17-Jun-2020	<b>Method:</b>	TM19
<b>Type:</b>	Other		
<b>Test:</b>	Metals		


### HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.109 - 10.90	ND
Cadmium	0.106 - 10.60	ND
Mercury	0.110 - 11.00	ND
Lead	0.106 - 10.60	ND

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

### FINAL APPROVAL

  
PREPARED BY / DATE  
Ryan Weems  
17-Jun-2020  
2:52 PM

  
APPROVED BY / DATE  
Greg Zimpher  
17-Jun-2020  
7:43 PM

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# CERTIFICATE OF ANALYSIS

prepared for: UTAH CANNABIS CO.  
129 E. 13800 S. SUITE B-2#236  
DRAPER, UT 84020

## CBD Muscle Rub


<b>Batch ID:</b>	49511	<b>Test ID:</b>	3012800.0035
<b>Reported:</b>	17-Jun-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	56 - 2581	ND*	Malathion	334 - 2581	ND*
Acetamiprid	56 - 2581	ND*	Metalaxyl	56 - 2581	ND*
Abamectin	>334	ND*	Methiocarb	56 - 2581	ND*
Azoxystrobin	56 - 2581	ND*	Methomyl	56 - 2581	ND*
Bifenazate	56 - 2581	ND*	MGK 264 1	334 - 2581	ND*
Boscalid	56 - 2581	ND*	MGK 264 2	334 - 2581	ND*
Carbaryl	56 - 2581	ND*	Myclobutanil	56 - 2581	ND*
Carbofuran	56 - 2581	ND*	Naled	56 - 2581	ND*
Chlorantraniliprole	56 - 2581	ND*	Oxamyl	56 - 2581	ND*
Chlorpyrifos	56 - 2581	ND*	Paclobutrazol	56 - 2581	ND*
Clofentazine	334 - 2581	ND*	Permethrin	334 - 2581	ND*
Diazinon	334 - 2581	ND*	Phosmet	56 - 2581	ND*
Dichlorvos	>334	ND*	Propoxur	334 - 2581	ND*
Dimethoate	56 - 2581	ND*	Propoxur	56 - 2581	ND*
E-Fenpyroximate	56 - 2581	ND*	Pyridaben	56 - 2581	ND*
Etofenprox	56 - 2581	ND*	Spinosad A	56 - 2581	ND*
Etoxazole	334 - 2581	ND*	Spinosad D	334 - 2581	ND*
Fenoxycarb	>56	ND*	Spiromesifen	>334	ND*
Fipronil	56 - 2581	ND*	Spirotetramat	>334	ND*
Flonicamid	56 - 2581	ND*	Spiroxamine 1	56 - 2581	ND*
Fludioxonil	>334	ND*	Spiroxamine 2	56 - 2581	ND*
Hexythiazox	56 - 2581	ND*	Tebuconazole	334 - 2581	ND*
Imazaill	334 - 2581	ND*	Thiacloprid	56 - 2581	ND*
Imidacloprid	56 - 2581	ND*	Thiamethoxam	56 - 2581	ND*
Kresoxim-methyl	56 - 2581	ND*	Trifloxystrobin	56 - 2581	ND*

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

## FINAL APPROVAL

  
Tyler Wiese  
17-Jun-2020  
3:34 PM  
PREPARED BY / DATE

  
Greg Zimpfer  
17-Jun-2020  
7:50 PM  
APPROVED BY / DATE

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