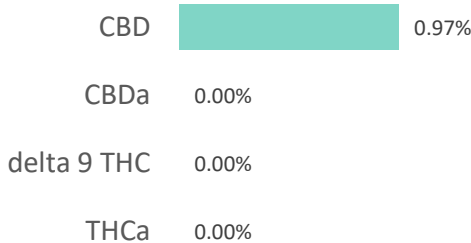


**CBD Muscle & Joint Stick**

<b>Batch ID:</b>	71720B	<b>Test ID:</b>	4622022.006
<b>Reported:</b>	21-Jul-2020	<b>Method:</b>	TM14
<b>Type:</b>	Topical		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	3.37	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	1.68	ND	ND
Cannabidiolic acid (CBDA)	7.24	ND	ND
Cannabidiol (CBD)	4.05	290.20	9.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.84	ND	ND
Cannabinolic Acid (CBNA)	4.62	ND	ND
Cannabinol (CBN)	2.05	8.10	0.3
Cannabigerolic acid (CBGA)	2.94	ND	ND
Cannabigerol (CBG)	1.66	13.50	0.5
Tetrahydrocannabivarinic Acid (THCVA)	2.89	ND	ND
Tetrahydrocannabivarin (THCV)	1.50	ND	ND
Cannabidivarinic Acid (CBDVA)	6.73	ND	ND
Cannabidivarin (CBDV)	3.69	ND	ND
Cannabichromenic Acid (CBCA)	2.52	ND	ND
Cannabichromene (CBC)	3.04	10.40	0.3
<b>Total Cannabinoids</b>		<b>322.20</b>	<b>10.74</b>
Total Potential THC**		ND	ND
Total Potential CBD**		290.20	9.67

% = % (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=30g  
 N/A

**FINAL APPROVAL**

*Tyler Wiese*  
 Tyler Wiese  
 21-Jul-2020  
 4:22 PM

*Ben Minton*  
 Ben Minton  
 21-Jul-2020  
 5:19 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



## CBD Pain Stick

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	9288191.025
<b>Reported:</b>	1-Nov-2019	<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:  $10^2 = 100$  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

## FINAL APPROVAL

  
Robert Belfon  
1-Nov-2019  
4:48 PM  
David Green  
1-Nov-2019  
5:33 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## CBD Pain Stick


<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000028179
<b>Reported:</b>	11-Nov-2019	<b>Method:</b>	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
<b>Type:</b>	Other		
<b>Test:</b>	Metals		

## HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

## FINAL APPROVAL

  
Sam Smith  
11-Nov-2019  
10:41 AM  
PREPARED BY / DATE

  
Greg Zimpfer  
11-Nov-2019  
3:12 PM  
APPROVED BY / DATE

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**CBD Pain Stick**

<b>Batch ID:</b>		<b>Test ID:</b>	1108045.0042
<b>Reported:</b>	4-Nov-2019	<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	52 - 2386	ND*	Malathion	52 - 2386	ND*
Acetamiprid	52 - 2386	ND*	Metalaxyl	309 - 2386	ND*
Avermectin	309 - 2386	ND*	Methiocarb	52 - 2386	ND*
Azoxystrobin	52 - 2386	ND*	Methomyl	52 - 2386	ND*
Bifenazate	52 - 2386	ND*	MGK 264 1	52 - 2386	ND*
Boscalid	309 - 2386	ND*	MGK 264 2	309 - 2386	ND*
Carbaryl	52 - 2386	ND*	Myclobutanil	309 - 2386	ND*
Carbofuran	52 - 2386	ND*	Naled	309 - 2386	ND*
Chlorantraniliprole	52 - 2386	ND*	Oxamyl	52 - 2386	ND*
Chlorpyrifos	309 - 2386	ND*	Paclobutrazol	52 - 2386	ND*
Clofentezine	52 - 2386	ND*	Permethrin	309 - 2386	ND*
Diazinon	52 - 2386	ND*	Phosmet	52 - 2386	ND*
Dichlorvos	309 - 2386	ND*	Prophos	309 - 2386	ND*
Dimethoate	52 - 2386	ND*	Propoxur	309 - 2386	ND*
E-Fenpyroximate	309 - 2386	ND*	Pyridaben	309 - 2386	ND*
Etofenprox	309 - 2386	ND*	Spinosad A	52 - 2386	ND*
Etoxazole	309 - 2386	ND*	Spinosad D	309 - 2386	ND*
Fenoxycarb	52 - 2386	ND*	Spiromesifen	52 - 2386	ND*
Fipronil	309 - 2386	ND*	Spirotetramat	309 - 2386	ND*
Flonicamid	52 - 2386	ND*	Spiroxamine 1	52 - 2386	ND*
Fludioxonil	309 - 2386	ND*	Spiroxamine 2	52 - 2386	ND*
Hexythiazox	309 - 2386	ND*	Tebuconazole	52 - 2386	ND*
Imazalil	309 - 2386	ND*	Thiacloprid	52 - 2386	ND*
Imidacloprid	52 - 2386	ND*	Thiamethoxam	52 - 2386	ND*
Kresoxim-methyl	52 - 2386	ND*	Trifloxystrobin	309 - 2386	ND*

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

N/A

**FINAL APPROVAL**

  
 Sam Smith  
 4-Nov-2019  
 7:20 AM  
 PREPARED BY / DATE

  
 David Green  
 4-Nov-2019  
 8:14 AM  
 APPROVED BY / DATE

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