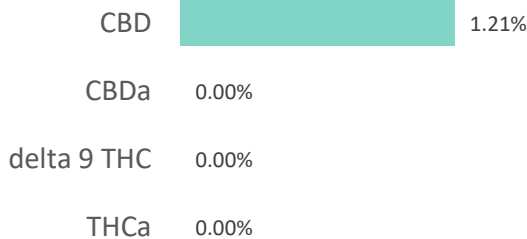
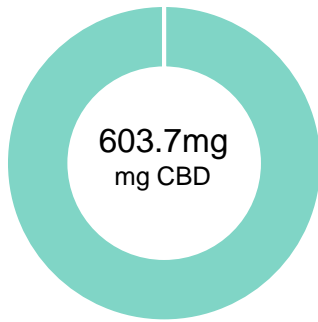


Extra Strength CBD Muscle & Joint Stick

Batch ID:	71720A	Test ID:	4622022.007
Reported:	21-Jul-2020	Method:	TM14
Type:	Topical		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	5.68	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	2.84	ND	ND
Cannabidiolic acid (CBDA)	12.23	ND	ND
Cannabidiol (CBD)	6.83	603.70	12.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	3.11	ND	ND
Cannabinolic Acid (CBNA)	7.79	ND	ND
Cannabinol (CBN)	3.45	17.20	0.3
Cannabigerolic acid (CBGA)	4.97	ND	ND
Cannabigerol (CBG)	2.80	29.70	0.6
Tetrahydrocannabivarinic Acid (THCVA)	4.88	ND	ND
Tetrahydrocannabivarin (THCV)	2.53	ND	ND
Cannabidivarinic Acid (CBDVA)	11.36	ND	ND
Cannabidivarin (CBDV)	6.22	ND	ND
Cannabichromenic Acid (CBCA)	4.26	ND	ND
Cannabichromene (CBC)	5.13	22.10	0.4
Total Cannabinoids		672.70	13.45
Total Potential THC**		ND	ND
Total Potential CBD**		603.70	12.07

% = % (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=50g
 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



Extra Strength CBD Pain Stick

Batch ID:	N/A	Test ID:	9288191.026
Reported:	1-Nov-2019	Method:	Topical - Test Methods: TM05, TM06
Type:	Topical		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	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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Extra Strength CBD Pain Stick


Batch ID:	N/A	Test ID:	T000028184
Reported:	11-Nov-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	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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Extra Strength CBD Pain Stick

Batch ID:		Test ID:	1108045.0044
Reported:	4-Nov-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2510	ND*	Malathion	54 - 2510	ND*
Acetamiprid	54 - 2510	ND*	Metalaxyl	325 - 2510	ND*
Avermectin	325 - 2510	ND*	Methiocarb	54 - 2510	ND*
Azoxystrobin	54 - 2510	ND*	Methomyl	54 - 2510	ND*
Bifenazate	54 - 2510	ND*	MGK 264 1	54 - 2510	ND*
Boscalid	325 - 2510	ND*	MGK 264 2	325 - 2510	ND*
Carbaryl	54 - 2510	ND*	Myclobutanil	325 - 2510	ND*
Carbofuran	54 - 2510	ND*	Naled	325 - 2510	ND*
Chlorantraniliprole	54 - 2510	ND*	Oxamyl	54 - 2510	ND*
Chlorpyrifos	325 - 2510	ND*	Paclobutrazol	54 - 2510	ND*
Clofentezine	54 - 2510	ND*	Permethrin	325 - 2510	ND*
Diazinon	54 - 2510	ND*	Phosmet	54 - 2510	ND*
Dichlorvos	325 - 2510	ND*	Prophos	325 - 2510	ND*
Dimethoate	54 - 2510	ND*	Propoxur	325 - 2510	ND*
E-Fenpyroximate	325 - 2510	ND*	Pyridaben	325 - 2510	ND*
Etofenprox	325 - 2510	ND*	Spinosad A	54 - 2510	ND*
Etoxazole	325 - 2510	ND*	Spinosad D	325 - 2510	ND*
Fenoxycarb	54 - 2510	ND*	Spiromesifen	54 - 2510	ND*
Fipronil	325 - 2510	ND*	Spirotetramat	325 - 2510	ND*
Flonicamid	54 - 2510	ND*	Spiroxamine 1	54 - 2510	ND*
Fludioxonil	325 - 2510	ND*	Spiroxamine 2	54 - 2510	ND*
Hexythiazox	325 - 2510	ND*	Tebuconazole	54 - 2510	ND*
Imazalil	325 - 2510	ND*	Thiacloprid	54 - 2510	ND*
Imidacloprid	54 - 2510	ND*	Thiamethoxam	54 - 2510	ND*
Kresoxim-methyl	54 - 2510	ND*	Trifloxystrobin	325 - 2510	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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