

Prepared for:

CBD Dog Health

23110 State Rd 54, Unit 361
Lutz, FL USA 33549

Soothe Balm Stick

Batch ID or Lot Number: SS250125	Test, Test ID and Methods: Various	Matrix: Topical	Page 1 of 7
Reported: 21Jan2025	Started: 18Jan2025	Received: 15Jan2025	

**Residual Solvents -
Colorado Compliance**

Test ID: T000294436

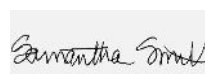
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1441	ND	
Butanes (Isobutane, n-Butane)	144 - 2878	ND	
Methanol	54 - 1071	ND	
Pentane	75 - 1494	ND	
Ethanol	80 - 1595	ND	
Acetone	84 - 1674	ND	
Isopropyl Alcohol	89 - 1779	ND	
Hexane	5 - 103	ND	
Ethyl Acetate	87 - 1739	ND	
Benzene	0.2 - 3.5	ND	
Heptanes	82 - 1635	ND	
Toluene	16 - 312	ND	
Xylenes (m,p,o-Xylenes)	112 - 2245	ND	

Final Approval


Judith Marquez
21Jan2025
09:37:00 AM MST

PREPARED BY / DATE


Sam Smith
21Jan2025
09:40:00 AM MST

APPROVED BY / DATE

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Cannabinoids - Colorado Compliance

Test ID: T000294430

Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

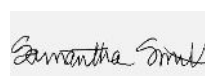
Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.606	4.944	<LOQ	<LOQ	# of Servings = 1 Sample Weight=25g
Cannabichromenic Acid (CBCA)	1.469	4.522	ND	ND	
Cannabidiol (CBD)	4.953	13.976	134.594	5.38	
Cannabidiolic Acid (CBDA)	5.080	14.334	ND	ND	
Cannabidivarin (CBDV)	1.171	3.305	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.119	5.980	ND	ND	
Cannabigerol (CBG)	0.912	2.807	4.652	0.19	
Cannabigerolic Acid (CBGA)	3.811	11.735	ND	ND	
Cannabinol (CBN)	1.189	3.662	ND	ND	
Cannabinolic Acid (CBNA)	2.600	8.007	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.540	13.981	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.123	12.697	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.653	11.250	ND	ND	
Tetrahydrocannabivarin (THCV)	0.829	2.553	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.222	9.923	ND	ND	
Total Cannabinoids			139.246	5.57	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			134.594	5.38	

Final Approval


Judith Marquez
21Jan2025
11:47:00 AM MST

PREPARED BY / DATE


Sam Smith
21Jan2025
11:52:00 AM MST

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Matrix:

Topical

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Reported:

21Jan2025

Started:

18Jan2025

Received:

15Jan2025

Microbial

Contaminants -

Colorado Compliance

Test ID: T000294434

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
19Jan2025
02:34:00 PM MST



Nora Langer
21Jan2025
02:39:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals -

Colorado Compliance

Test ID: T000294435

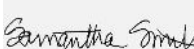
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.53	ND	
Cadmium	0.04 - 4.05	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 4.07	ND	

Final Approval



Judith Marquez
22Jan2025
01:29:00 PM MST



Sam Smith
22Jan2025
01:33:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

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Cannabinoids

Test ID: T000294431

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.644	0.017	0.17	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.290	ND	0.00	N/A
Total Potential THC	-	0.017	0.17	

Final Approval


Sam Smith
24Jan2025
02:11:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
24Jan2025
02:14:00 PM MST
APPROVED BY / DATE

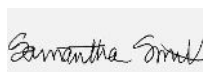
Pesticides

Test ID: T000294433

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	338 - 2769	ND		Malathion	267 - 2642	ND
Acephate	4 - 2648	ND		Metalaxyl	44 - 2688	ND
Acetamiprid	46 - 2642	ND		Methiocarb	44 - 2698	ND
Azoxystrobin	47 - 2678	ND		Methomyl	43 - 2706	ND
Bifenazate	43 - 2591	ND		MGK 264 1	171 - 1609	ND
Boscalid	33 - 2675	ND		MGK 264 2	113 - 1057	ND
Carbaryl	44 - 2730	ND		Myclobutanil	45 - 2677	ND
Carbofuran	42 - 2710	ND		Naled	49 - 2697	ND
Chlorantraniliprole	50 - 2688	ND		Oxamyl	45 - 2685	ND
Chlorpyrifos	37 - 2715	ND		Paclobutrazol	46 - 2721	ND
Clofentezine	281 - 2735	ND		Permethrin	300 - 2830	ND
Diazinon	287 - 2672	ND		Phosmet	43 - 2498	ND
Dichlorvos	287 - 2674	ND		Prophos	285 - 2704	ND
Dimethoate	44 - 2662	ND		Propoxur	41 - 2723	ND
E-Fenpyroximate	234 - 2832	ND		Pyridaben	289 - 2798	ND
Etofenprox	46 - 2786	ND		Spinosad A	37 - 2094	ND
Etoxazole	279 - 2694	ND		Spinosad D	68 - 689	ND
Fenoxycarb	46 - 2705	ND		Spiromesifen	290 - 2785	ND
Fipronil	34 - 2675	ND		Spirotetramat	270 - 2716	ND
Flonicamid	51 - 2649	ND		Spiroxamine 1	16 - 1029	ND
Fludioxonil	298 - 2633	ND		Spiroxamine 2	28 - 1590	ND
Hexythiazox	46 - 2776	ND		Tebuconazole	290 - 2692	ND
Imazalil	263 - 2713	ND		Thiacloprid	45 - 2663	ND
Imidacloprid	46 - 2694	ND		Thiamethoxam	43 - 2653	ND
Kresoxim-methyl	44 - 2718	ND		Trifloxystrobin	48 - 2734	ND

Final Approval


Sam Smith
29Jan2025
11:09:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
29Jan2025
11:11:00 AM MST
APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000294437

Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.50 - 124.01	ND	N/A
Aflatoxin B1	0.90 - 30.54	ND	
Aflatoxin B2	0.85 - 30.28	ND	
Aflatoxin G1	0.90 - 30.48	ND	
Aflatoxin G2	1.08 - 30.51	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


PREPARED BY / DATE
Sam Smith
29Jan2025
10:15:00 AM MST


APPROVED BY / DATE
Karen Winternheimer
29Jan2025
10:18:00 AM MST

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CBD Dog Health

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Terpenes

Test ID: T000294432

Methods: TM22 (GC-MS)

	(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0000	0.000
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0100	0.100
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.000
Geraniol	0.0100	0.100
Linalool	0.0000	0.000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.000
trans-Nerolidol	0.0000	0.000
	0.0200	0.2000

0.0200%
Total
Terpenes

PREDOMINANT TERPENES

(-)-alpha-Bisabolol 0.0000
(-)-beta-Pinene 0.0000
alpha-Humulene 0.0000
alpha-Pinene 0.0000
alpha-Terpinene 0.0000
beta-Caryophyllene 0.0000
beta-Myrcene 0.0000
d-Limonene 0.0000
delta-3-Carene 0.0000
Linalool 0.0000

Notes

Final Approval


Sam Smith
05Feb2025
11:26:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
05Feb2025
11:27:00 AM MST
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/f2de3e11-bfa0-41c6-bee0-af9bcd19b0f4>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa $\times$ (0.877)) and Total CBD = CBD + (CBDa $\times$ (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa $\times$ (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units 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.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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