

Prepared for:
CBD Dog Health

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

HEAL Tincture

Batch ID or Lot Number: 030224	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 06Jan2025	Started: 03Jan2025	Received: 02Jan2025	

Microbial Contaminants - Colorado Compliance

Test ID: T000295432
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
06Jan2025
03:16:00 PM MST

PREPARED BY / DATE



Lucas Calloway
06Jan2025
03:39:00 PM MST

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000295433
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.50	ND	
Cadmium	0.04 - 4.24	ND	
Mercury	0.04 - 4.31	ND	
Lead	0.05 - 4.69	ND	

Final Approval



Judith Marquez
07Jan2025
08:32:00 AM MST

PREPARED BY / DATE



Sam Smith
07Jan2025
08:37:00 AM MST

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Cannabinoids - Colorado Compliance

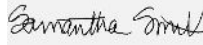
Test ID: T000295428


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

Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.411	4.825	25.838	0.91	# of Servings = 1 Sample Weight=28.35g
Cannabichromenic Acid (CBCA)	2.206	4.413	ND	ND	
Cannabidiol (CBD)	9.468	17.636	1214.138	42.83	
Cannabidiolic Acid (CBDA)	9.711	18.088	ND	ND	
Cannabidivarin (CBDV)	2.239	4.171	11.444	0.40	
Cannabidivarinic Acid (CBDVA)	4.051	7.546	ND	ND	
Cannabigerol (CBG)	1.369	2.739	310.347	10.95	
Cannabigerolic Acid (CBGA)	5.723	11.452	ND	ND	
Cannabinol (CBN)	1.786	3.574	10.874	0.38	
Cannabinolic Acid (CBNA)	3.905	7.813	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	6.819	13.643	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	6.193	12.391	44.802	1.58	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	5.487	10.978	ND	ND	
Tetrahydrocannabivarin (THCV)	1.245	2.492	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.839	9.683	ND	ND	
Total Cannabinoids			1617.443	57.05	
Total Potential THC			44.802	1.58	
Total Potential CBD			1214.138	42.83	

Final Approval


Sam Smith
09Jan2025
03:44:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
09Jan2025
03:47:00 PM MST
APPROVED BY / DATE

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Mycotoxins - Colorado Compliance


Test ID: T000295435


Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.04 - 130.27	ND	N/A
Aflatoxin B1	0.90 - 34.54	ND	
Aflatoxin B2	0.96 - 33.70	ND	
Aflatoxin G1	1.38 - 32.55	ND	
Aflatoxin G2	1.50 - 32.68	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


PREPARED BY / DATE
Sam Smith
09Jan2025
08:32:00 AM MST


APPROVED BY / DATE
Karen Winternheimer
09Jan2025
08:35:00 AM MST

Prepared for:

CBD Dog Health

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Lutz, FL USA 33549

HEAL Tincture

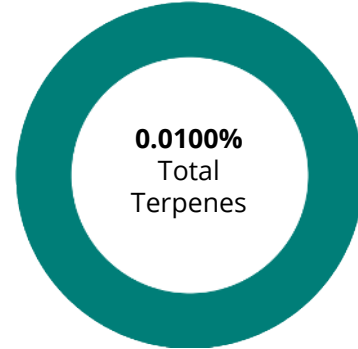
Batch ID or Lot Number: 030224	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 7
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Terpenes

Test ID: T000295430

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0100	0.100
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0100	0.1000





PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0100
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


 Sam Smith
 09Jan2025
 04:54:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 09Jan2025
 04:55:00 PM MST
 APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000295434

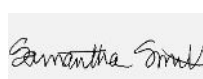
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	89 - 1789	ND	
Butanes (Isobutane, n-Butane)	177 - 3544	ND	
Methanol	73 - 1461	ND	
Pentane	91 - 1819	ND	
Ethanol	88 - 1750	ND	
Acetone	97 - 1946	ND	
Isopropyl Alcohol	108 - 2166	ND	
Hexane	6 - 122	ND	
Ethyl Acetate	97 - 1941	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	95 - 1907	ND	
Toluene	17 - 347	ND	
Xylenes (m,p,o-Xylenes)	112 - 2235	ND	

Final Approval


Judith Marquez
07Jan2025
07:52:00 AM MST

PREPARED BY / DATE


Sam Smith
09Jan2025
10:06:00 AM MST

APPROVED BY / DATE

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Pesticides


Test ID: T000295431

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	296 - 2697	ND		Malathion	287 - 2797	ND
Acephate	25 - 2678	ND		Metalaxyl	40 - 2805	ND
Acetamiprid	39 - 2650	ND		Methiocarb	46 - 2759	ND
Azoxystrobin	42 - 2766	ND		Methomyl	37 - 2716	ND
Bifenazate	37 - 2790	ND		MGK 264 1	156 - 1650	ND
Boscalid	47 - 2740	ND		MGK 264 2	119 - 1080	ND
Carbaryl	41 - 2753	ND		Myclobutanil	40 - 2784	ND
Carbofuran	42 - 2756	ND		Naled	42 - 2665	ND
Chlorantraniliprole	39 - 2722	ND		Oxamyl	38 - 2704	ND
Chlorpyrifos	44 - 2679	ND		Paclobutrazol	42 - 2754	ND
Clofentezine	280 - 2721	ND		Permethrin	300 - 2756	ND
Diazinon	281 - 2770	ND		Phosmet	39 - 2692	ND
Dichlorvos	321 - 2625	ND		Prophos	329 - 2768	ND
Dimethoate	41 - 2638	ND		Propoxur	40 - 2699	ND
E-Fenpyroximate	289 - 2718	ND		Pyridaben	304 - 2751	ND
Etofenprox	38 - 2739	ND		Spinosad A	31 - 2067	ND
Etoxazole	295 - 2626	ND		Spinosad D	65 - 646	ND
Fenoxycarb	44 - 2819	ND		Spiromesifen	283 - 2672	ND
Fipronil	35 - 2640	ND		Spirotetramat	289 - 2881	ND
Flonicamid	40 - 2672	ND		Spiroxamine 1	17 - 1048	ND
Fludioxonil	345 - 2803	ND		Spiroxamine 2	26 - 1628	ND
Hexythiazox	40 - 2739	ND		Tebuconazole	292 - 2811	ND
Imazalil	278 - 2816	ND		Thiacloprid	43 - 2702	ND
Imidacloprid	39 - 2764	ND		Thiamethoxam	42 - 2699	ND
Kresoxim-methyl	42 - 2824	ND		Trifloxystrobin	44 - 2707	ND

Final Approval


Sam Smith
18Jan2025
09:05:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
18Jan2025
09:07:00 AM MST
APPROVED BY / DATE


Cannabinoids


Test ID: T000295429

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.670	0.145	1.45	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.341	ND	0.00	N/A
Total Potential THC	-	0.145	1.45	

Final Approval


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


Karen Winternheimer
24Jan2025
02:14:00 PM MST
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<https://results.botanacor.com/api/v1/coas/uuid/d2121126-67bd-4cdf-beb9-1d19a5cf4215>

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 * (0.877)) and Total CBD = CBD + (CBDa * (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 * (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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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