

Prepared for:
CBD Dog Health

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

Calm Extra

Batch ID or Lot Number: #010324XT	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 12Oct2024	Started: 11Oct2024	Received: 09Oct2024	

Heavy Metals - Colorado Compliance


Test ID: T000291394
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.04 - 4.44	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.05 - 4.70	ND	

Final Approval


Judith Marquez
11Oct2024
12:23:00 PM MDT

PREPARED BY / DATE


Karen Winternheimer
12Oct2024
11:02:00 AM MDT


APPROVED BY / DATE

Microbial Contaminants - Colorado Compliance

Test ID: T000291393
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
13Oct2024
11:38:00 AM MDT

PREPARED BY / DATE


Nora Langer
14Oct2024
03:38:00 PM MDT

APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000291395

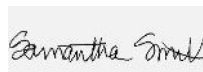
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	88 - 1752	ND	
Butanes (Isobutane, n-Butane)	175 - 3490	ND	
Methanol	64 - 1275	ND	
Pentane	90 - 1802	ND	
Ethanol	101 - 2023	ND	
Acetone	103 - 2050	ND	
Isopropyl Alcohol	115 - 2296	ND	
Hexane	6 - 126	ND	
Ethyl Acetate	106 - 2129	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	99 - 1982	ND	
Toluene	20 - 396	ND	
Xylenes (m,p,o-Xylenes)	145 - 2904	ND	

Final Approval

 Karen Winternheimer
14Oct2024
12:37:00 PM MDT

PREPARED BY / DATE

 Sam Smith
14Oct2024
12:45:00 PM MDT

APPROVED BY / DATE

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Cannabinoids - Colorado Compliance

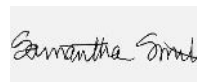
Test ID: T000291389

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	3.420	12.569	ND	ND	# of Servings = 1 Sample Weight=56.7g
Cannabichromenic Acid (CBCA)	3.129	11.496	ND	ND	
Cannabidiol (CBD)	12.334	32.549	1214.591	21.42	
Cannabidiolic Acid (CBDA)	12.651	33.384	ND	ND	
Cannabidivarin (CBDV)	2.917	7.698	45.137	0.80	
Cannabidivarinic Acid (CBDVA)	5.277	13.926	ND	ND	
Cannabigerol (CBG)	1.942	7.136	58.867	1.04	
Cannabigerolic Acid (CBGA)	8.118	29.831	ND	ND	
Cannabinol (CBN)	2.534	9.310	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	5.539	20.353	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	9.672	35.540	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	8.784	32.277	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	7.782	28.597	ND	ND	
Tetrahydrocannabivarin (THCV)	1.766	6.491	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	6.864	25.224	ND	ND	
Total Cannabinoids			1318.595	23.26	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			1214.591	21.42	

Final Approval


Karen Winternheimer
15Oct2024
01:37:00 PM MDT
PREPARED BY / DATE


Sam Smith
15Oct2024
01:41:00 PM MDT
APPROVED BY / DATE

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Calm Extra

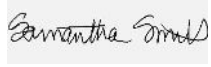
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Mycotoxins - Colorado Compliance

Test ID: T000291396
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.92 - 131.72	ND	N/A
Aflatoxin B1	1.04 - 33.12	ND	
Aflatoxin B2	0.98 - 33.22	ND	
Aflatoxin G1	1.11 - 33.12	ND	
Aflatoxin G2	1.17 - 33.87	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


PREPARED BY / DATE
Sam Smith
17Oct2024
11:51:00 AM MDT


APPROVED BY / DATE
Karen Winternheimer
17Oct2024
11:52:00 AM MDT

Prepared for:

CBD Dog Health

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Calm Extra

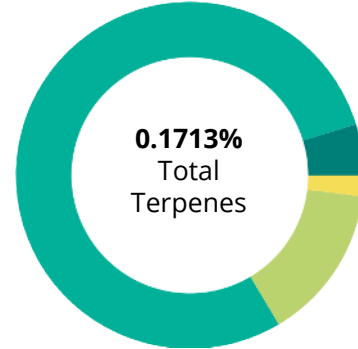
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Terpenes

Test ID: T000291391

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	0.0022	0.022
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0364	0.364
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0178	0.178
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0067	0.067
delta-3-Carene	0.0009	0.009
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0011	0.011
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0007	0.007
p-Cymene	0.0020	0.020
Terpinolene	0.1035	1.035
trans-Nerolidol	0.0000	0.0000
	0.1713	1.7130



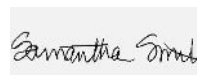
PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0022
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0364
beta-Myrcene	0.0000
d-Limonene	0.0067
delta-3-Carene	0.0009
Linalool	0.0000

Notes

Final Approval


 Karen Winternheimer
 18Oct2024
 09:01:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 18Oct2024
 09:02:00 AM MDT
 APPROVED BY / DATE

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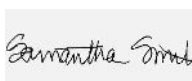
Pesticides

Test ID: T000291392

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	155 - 2683	ND		Malathion	276 - 2684	ND
Acephate	40 - 2807	ND		Metalaxyl	44 - 2672	ND
Acetamiprid	43 - 2744	ND		Methiocarb	44 - 2686	ND
Azoxystrobin	43 - 2674	ND		Methomyl	38 - 2807	ND
Bifenazate	42 - 2676	ND		MGK 264 1	139 - 1569	ND
Boscalid	43 - 2659	ND		MGK 264 2	89 - 1083	ND
Carbaryl	41 - 2703	ND		Myclobutanil	44 - 2629	ND
Carbofuran	42 - 2689	ND		Naled	49 - 2618	ND
Chlorantraniliprole	42 - 2666	ND		Oxamyl	42 - 2799	ND
Chlorpyrifos	24 - 2695	ND		Paclobutrazol	44 - 2685	ND
Clofentezine	286 - 2702	ND		Permethrin	301 - 2728	ND
Diazinon	274 - 2641	ND		Phosmet	40 - 2541	ND
Dichlorvos	263 - 2806	ND		Prophos	287 - 2694	ND
Dimethoate	41 - 2776	ND		Propoxur	42 - 2692	ND
E-Fenpyroximate	284 - 2697	ND		Pyridaben	292 - 2710	ND
Etofenprox	43 - 2699	ND		Spinosad A	34 - 2047	ND
Etoxazole	274 - 2630	ND		Spinosad D	65 - 645	ND
Fenoxycarb	4 - 2660	ND		Spiromesifen	254 - 2703	ND
Fipronil	58 - 2834	ND		Spirotetramat	296 - 2699	ND
Flonicamid	48 - 2801	ND		Spiroxamine 1	15 - 1014	ND
Fludioxonil	305 - 2732	ND		Spiroxamine 2	24 - 1595	ND
Hexythiazox	38 - 2707	ND		Tebuconazole	292 - 2665	ND
Imazalil	283 - 2685	ND		Thiacloprid	42 - 2795	ND
Imidacloprid	43 - 2791	ND		Thiamethoxam	40 - 2759	ND
Kresoxim-methyl	44 - 2705	ND		Trifloxystrobin	43 - 2683	ND


Final Approval

 Karen Winternheimer 21Oct2024 08:25:00 AM MDT	 Sam Smith 21Oct2024 08:28:00 AM MDT
PREPARED BY / DATE	APPROVED BY / DATE

Cannabinoids

Test ID: T000291390	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Methods: TM20 (HPLC-DAD)				
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.623	0.037	0.37	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.247	ND	0.00	N/A
Total Potential THC	-	0.037	0.37	

Final Approval

 Sam Smith 24Oct2024 09:27:00 AM MDT	 Karen Winternheimer 24Oct2024 09:29:00 AM MDT
PREPARED BY / DATE	APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/20940562-85ad-40bf-8fab-463e683ab802>

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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