

Prepared for:

ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Calm Pet Chews bacon

Batch ID or Lot Number: CB2407	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 8
Reported: 29Jul2024	Started: 26Jul2024	Received: 26Jul2024	

**Microbial
Contaminants -
Colorado Compliance**

Test ID: T000286843

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	3.8x10 ² CFU/g	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	3.0x10 ³ CFU/g	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
29Jul2024
03:37:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
29Jul2024
03:44:00 PM MDT

APPROVED BY / DATE

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**Cannabinoids - Colorado
Compliance**

Test ID: T000286840

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.229	0.724	ND	ND	# of Servings = 1 Sample Weight=4.132g
Cannabichromenic Acid (CBCA)	0.210	0.662	ND	ND	
Cannabidiol (CBD)	0.986	2.193	10.815	2.62	
Cannabidiolic Acid (CBDA)	1.011	2.250	ND	ND	
Cannabidivarin (CBDV)	0.233	0.519	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.422	0.938	ND	ND	
Cannabigerol (CBG)	0.130	0.411	ND	ND	
Cannabigerolic Acid (CBGA)	0.544	1.719	ND	ND	
Cannabinol (CBN)	0.170	0.536	ND	ND	
Cannabinolic Acid (CBNA)	0.371	1.173	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.649	2.048	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.589	1.860	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.522	1.648	ND	ND	
Tetrahydrocannabivarin (THCV)	0.118	0.374	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.460	1.454	ND	ND	
Total Cannabinoids			10.815	2.62	
Total Potential THC			ND	ND	
Total Potential CBD			10.815	2.62	

Final Approval



Karen Winternheimer
30Jul2024
12:18:00 PM MDT

PREPARED BY / DATE



Sam Smith
30Jul2024
12:20:00 PM MDT

APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000286845

Methods: TM04 (GC-MS): Residual

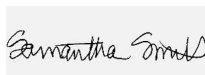
Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	116 - 2326	ND	
Butanes (Isobutane, n-Butane)	224 - 4490	ND	
Methanol	61 - 1228	ND	
Pentane	106 - 2118	ND	
Ethanol	86 - 1722	ND	
Acetone	103 - 2063	ND	
Isopropyl Alcohol	96 - 1922	ND	
Hexane	7 - 137	ND	
Ethyl Acetate	101 - 2012	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	101 - 2026	ND	
Toluene	17 - 344	ND	
Xylenes (m,p,o-Xylenes)	121 - 2417	ND	

Final Approval



Karen Winternheimer
31Jul2024
12:25:00 PM MDT

PREPARED BY / DATE



Sam Smith
31Jul2024
12:28:00 PM MDT

APPROVED BY / DATE

Prepared for:

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**Mycotoxins - Colorado
Compliance**

Test ID: T000286846

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.80 - 133.78	ND	N/A
Aflatoxin B1	1.03 - 33.22	ND	
Aflatoxin B2	1.00 - 32.67	ND	
Aflatoxin G1	1.09 - 32.41	ND	
Aflatoxin G2	1.19 - 33.61	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval



Karen Winternheimer
31Jul2024
08:30:00 AM MDT

PREPARED BY / DATE



Sam Smith
31Jul2024
08:40:00 AM MDT

APPROVED BY / DATE

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Pesticides

Test ID: T000286842

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	107 - 2682	ND		Malathion	275 - 2659	ND
Acephate	31 - 2792	ND		Metalaxyl	44 - 2679	ND
Acetamiprid	42 - 2774	ND		Methiocarb	42 - 2718	ND
Azoxystrobin	43 - 2674	ND		Methomyl	40 - 2828	ND
Bifenazate	42 - 2680	ND		MGK 264 1	177 - 1644	ND
Boscalid	42 - 2687	ND		MGK 264 2	96 - 1072	ND
Carbaryl	41 - 2704	ND		Myclobutanil	43 - 2658	ND
Carbofuran	41 - 2684	ND		Naled	52 - 2679	ND
Chlorantraniliprole	45 - 2686	ND		Oxamyl	45 - 2848	ND
Chlorpyrifos	44 - 2636	ND		Paclobutrazol	44 - 2690	ND
Clofentezine	282 - 2706	ND		Permethrin	332 - 2727	ND
Diazinon	274 - 2682	ND		Phosmet	40 - 2546	ND
Dichlorvos	262 - 2784	ND		Prophos	291 - 2704	ND
Dimethoate	40 - 2766	ND		Propoxur	41 - 2702	ND
E-Fenpyroximate	327 - 2678	ND		Pyridaben	330 - 2693	ND
Etofenprox	41 - 2682	ND		Spinosad A	31 - 2075	ND
Etoxazole	317 - 2599	ND		Spinosad D	72 - 648	ND
Fenoxycarb	22 - 2690	ND		Spiromesifen	320 - 2660	ND
Fipronil	38 - 2766	ND		Spirotetramat	282 - 2737	ND
Flonicamid	50 - 2832	ND		Spiroxamine 1	17 - 1026	ND
Fludioxonil	290 - 2689	ND		Spiroxamine 2	26 - 1580	ND
Hexythiazox	42 - 2682	ND		Tebuconazole	290 - 2633	ND
Imazalil	286 - 2708	ND		Thiacloprid	43 - 2796	ND
Imidacloprid	43 - 2798	ND		Thiamethoxam	42 - 2815	ND
Kresoxim-methyl	47 - 2706	ND		Trifloxystrobin	42 - 2699	ND

Final Approval



Karen Winterheimer
01Aug2024
09:19:00 AM MDT

PREPARED BY / DATE



Sam Smith
01Aug2024
09:24:00 AM MDT

APPROVED BY / DATE

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**Heavy Metals -
Colorado Compliance**

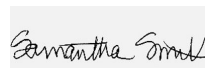
Test ID: T000286844

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.70	ND	
Cadmium	0.05 - 4.68	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.72	ND	

Final Approval


Judith Marquez
01Aug2024
10:46:00 AM MDT
PREPARED BY / DATE


Sam Smith
01Aug2024
10:57:00 AM MDT
APPROVED BY / DATE

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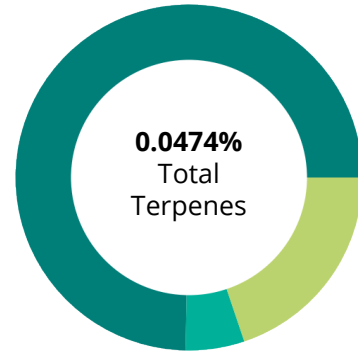
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Terpenes

Test ID: T000286841

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	0.0177	0.177
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0013	0.013
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0170	0.170
Camphene	0.0036	0.036
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0047	0.047
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	0.0031	0.031
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0474	0.4740



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0177
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0013
beta-Myrcene	0.0000
d-Limonene	0.0047
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval



Karen Winterheimer
09Aug2024
01:11:00 PM MDT

PREPARED BY / DATE



Sam Smith
09Aug2024
01:17:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/080d9fd0-5c1a-49d6-8e25-1e48a505d09a>

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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