


Prepared for:


Small Dogs & Cats 250mg pet tincture BACON ASPEN GREEN

Batch ID or Lot Number: 220321A	Test: Potency	Reported: 3/29/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit	Test ID: T000199577	Started: 3/28/22	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	6.379	13.990	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	7.199	15.790	7.859	0.28	# of Servings = 1 Sample Weight=28g
Cannabidiolic acid (CBDA)	7.093	17.373	ND	ND	
Cannabidiol (CBD)	6.915	16.939	277.621	9.92	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	7.927	17.386	ND	ND	
Cannabinolic Acid (CBNA)	4.540	9.957	ND	ND	
Cannabinol (CBN)	2.076	4.554	ND	ND	
Cannabigerolic acid (CBGA)	6.654	14.594	ND	ND	
Cannabigerol (CBG)	1.592	3.491	5.088	0.18	
Tetrahydrocannabivarinic Acid (THCVA)	5.626	12.340	ND	ND	
Tetrahydrocannabivarin (THCV)	1.448	3.175	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.959	7.247	ND	ND	
Cannabidivarin (CBDV)	1.636	4.006	ND	ND	
Cannabichromenic Acid (CBCA)	2.564	5.624	ND	ND	
Cannabichromene (CBC)	2.803	6.149	9.835	0.35	
Total Cannabinoids			300.403	10.73	
Total Potential THC**			7.859	0.28	
Total Potential CBD**			277.621	9.92	


 Jacob Miller
 29-Mar-22
 4:20 PM


 Ryan Weems
 29-Mar-22
 4:27 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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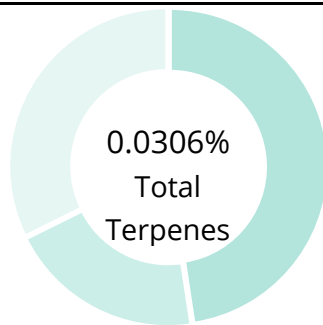


Certificate #4329.02

Small Dogs & Cats 250mg pet tincture BACON

Batch ID:	220321A	Test ID:	T000199578
Type:	Concentrate	Submitted:	03/24/2022 @ 04:00 PM
Test:	Terpenes	Started:	3/30/2022
Method:	TM22 (GC-MS)	Reported:	3/31/2022

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0000
beta-Caryophyllene	0.0140
alpha-Humulene	0.0059
(-)-alpha-Bisabolol	0.0095

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0095	0.095
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0140	0.140
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0059	0.059
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0000	0.000
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0012	0.012
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.0306	0.306

NOTES:

N/A

FINAL APPROVAL

	Rvan Weems 31-Mar-2022 2:46 PM		Jacob Miller 31-Mar-2022 2:50 PM
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APPROVED BY / DATE

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Certificate #4329.02


Prepared for:

Small Dogs & Cats 250mg pet tincture BACON**ASPEN GREEN**

Batch ID or Lot Number: 220321A	Test: Pesticides	Reported: 3/30/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: t000199579	Started: 3/29/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	37	ND	Fenoxycarb	41	ND	Paclobutrazol	48	ND
Acetamiprid	38	ND	Fipronil	11	ND	Permethrin	325	ND
Avermectin	333	ND	Flonicamid	57	ND	Phosmet	39	ND
Azoxystrobin	25	ND	Fludioxonil	308	ND	Prophos	290	ND
Bifenazate	34	ND	Hexythiazox	31	ND	Propoxur	41	ND
Boscalid	22	ND	Imazalil	284	ND	Pyridaben	321	ND
Carbaryl	36	ND	Imidacloprid	39	ND	Spinosad A	31	ND
Carbofuran	36	ND	Kresoxim-methyl	150	ND	Spinosad D	50	ND
Chlorantraniliprole	12	ND	Malathion	290	ND	Spiromesifen	315	ND
Chlorpyrifos	500	ND	Metalaxyl	39	ND	Spirotetramat	289	ND
Clofentezine	270	ND	Methiocarb	33	ND	Spiroxamine 1	14	ND
Diazinon	286	ND	Methomyl	39	ND	Spiroxamine 2	16	ND
Dichlorvos	290	ND	MGK 264 1	191	ND	Tebuconazole	272	ND
Dimethoate	34	ND	MGK 264 2	127	ND	Thiacloprid	36	ND
E-Fenpyroximate	329	ND	Myclobutanil	46	ND	Thiamethoxam	43	ND
Etofenprox	34	ND	Naled	47	ND	Trifloxystrobin	34	ND
Etoxazole	330	ND	Oxamyl	1500	ND			

 Sam Smith
3/30/2022
12:00:00 PM

PREPARED BY / DATE

 Daniel Weidensaul
3/30/2022
12:03:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

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Prepared for:

Small Dogs & Cats 250mg pet tincture BACON**ASPEN GREEN**

Batch ID or Lot Number: 220321A	Test: Metals	Reported: 3/30/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit Co	Test ID: T000199581	Started: 3/29/22	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A


HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.042 - 4.19	ND	
Cadmium	0.042 - 4.17	ND	
Mercury	0.041 - 4.14	ND	
Lead	0.042 - 4.16	ND	



Ryan Weems
30-Mar-22
12:18 PM

PREPARED BY / DATE



Daniel Weidensaul
30-Mar-22
12:21 PM

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Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

Prepared for:

Small Dogs & Cats 250mg pet tincture BACON
ASPEN GREEN

Batch ID or Lot Number: 220321A	Test: Microbial Contaminants	Reported: 3/28/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Finished Product	Test ID: T000199580	Started: 3/25/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
STEC	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	10 ⁰ CFU/25 g	NA	NA	Absent	



 Jackson Osaghae-Nosa
 3/28/2022
 4:16:00 PM



 Brianne Maillot
 3/28/2022
 4:34:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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

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Prepared for:

Small Dogs & Cats 250mg pet tincture BACON**ASPEN GREEN**

Batch ID or Lot Number: 220321A	Test: Residual Solvents	Reported: 3/28/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: N/A	Test ID: T000199582	Started: 3/28/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	71 - 1429	*ND	
Butanes (Isobutane, n-Butane)	143 - 2866	*ND	
Methanol	53 - 1068	*ND	
Pentane	76 - 1511	*ND	
Ethanol	82 - 1649	*ND	
Acetone	85 - 1700	*ND	
Isopropyl Alcohol	90 - 1810	*ND	
Hexane	5 - 103	*ND	
Ethyl Acetate	85 - 1692	*ND	
Benzene	0.2 - 3.6	*ND	
Heptanes	85 - 1701	*ND	
Toluene	16 - 311	*ND	
Xylenes (m,p,o-Xylenes)	112 - 2244	*ND	

Daniel Weidensaul
28-Mar-22
5:07 PMRyan Weems
28-Mar-22
5:09 PM

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Definitions

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Certificate #4329.02

Prepared for:

Small Dogs & Cats 250mg pet tincture BACON**ASPEN GREEN**

Batch ID or Lot Number: 220321A	Test: Mycotoxins	Reported: 3/31/22	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
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Matrix: Concentrate	Test ID: T000199583	Started: 3/30/22	USDA License: N/A
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Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A
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MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.7 - 135.8	ND	N/A
Aflatoxin B1	1 - 34.3	ND	
Aflatoxin B2	1.1 - 34.8	ND	
Aflatoxin G1	1.2 - 33.4	ND	
Aflatoxin G2	1.2 - 32.9	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Sam Smith
31-Mar-22
10:15 AM

PREPARED BY / DATE

Ryan Weems
31-Mar-22
10:17 AM

APPROVED BY / DATE

Definitions

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