

Prepared for:

**Medium Dogs 750mg pet tincture BACON**

**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Potency</b>	Reported: <b>3/29/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
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Matrix: Unit	Test ID: T000199584	Started: 3/28/22	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A
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## CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	6.372	13.975	ND	ND	# of Servings = 1 Sample Weight=28g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	7.191	15.773	23.417	0.84	
Cannabidiolic acid (CBDA)	7.085	17.354	ND	ND	
Cannabidiol (CBD)	6.908	16.920	805.703	28.78	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	7.918	17.367	ND	ND	
Cannabinolic Acid (CBNA)	4.535	9.946	ND	ND	
Cannabinol (CBN)	2.074	4.549	ND	ND	
Cannabigerolic acid (CBGA)	6.647	14.578	ND	ND	
Cannabigerol (CBG)	1.590	3.487	15.804	0.56	
Tetrahydrocannabivarinic Acid (THCVA)	5.620	12.326	ND	ND	
Tetrahydrocannabivarin (THCV)	1.446	3.172	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.955	7.239	ND	ND	
Cannabidivarin (CBDV)	1.634	4.002	3.197*	0.11*	
Cannabichromenic Acid (CBCA)	2.561	5.618	ND	ND	
Cannabichromene (CBC)	2.800	6.142	28.925	1.03	
<b>Total Cannabinoids</b>			<b>877.046</b>	<b>31.32</b>	
Total Potential THC**			23.417	0.84	
Total Potential CBD**			805.703	28.78	

  
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

## Medium Dogs 750mg pet tincture BACON

<b>Batch ID:</b>	220321B	<b>Test ID:</b>	T000199585
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/24/2022 @ 04:00 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	3/30/2022
<b>Method:</b>	TM22 (GC-MS)	<b>Reported:</b>	3/31/2022

## TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0267	0.267
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0402	0.402
(-)-Caryophyllene Oxide	0.0128	0.128
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0170	0.170
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0000	0.000
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0007	0.007
trans-Nerolidol	0.0031	0.031
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
<b>Total</b>	<b>0.1005</b>	<b>1.005</b>

## 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	0.0402
alpha-Humulene	0.0170
(-)-alpha-Bisabolol	0.0267

## 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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A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

**Medium Dogs 750mg pet tincture BACON**
**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Pesticides</b>	Reported: <b>3/30/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: t000199586	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

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

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**Definitions**

LOQ = Limit of Quantification  
 ppb = Parts per Billion

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Prepared for:

**Medium Dogs 750mg pet tincture BACON**
**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Metals</b>	Reported: <b>3/30/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Unit Co	Test ID: T000199588	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



 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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Prepared for:

**Medium Dogs 750mg pet tincture BACON**
**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>3/28/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Finished Product	Test ID: T000199587	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
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>STEC</b>	TM-25, PCR	10 <sup>0</sup> CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	10 <sup>0</sup> 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

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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: 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Residual Solvents</b>	Reported: <b>3/28/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: N/A	Test ID: T000199589	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
<b>Propane</b>	70 - 1390	*ND	
<b>Butanes</b> (Isobutane, n-Butane)	139 - 2788	*ND	
<b>Methanol</b>	52 - 1039	*ND	
<b>Pentane</b>	74 - 1470	*ND	
<b>Ethanol</b>	80 - 1604	*ND	
<b>Acetone</b>	83 - 1653	*ND	
<b>Isopropyl Alcohol</b>	88 - 1760	*ND	
<b>Hexane</b>	5 - 100	*ND	
<b>Ethyl Acetate</b>	82 - 1645	*ND	
<b>Benzene</b>	0.2 - 3.5	*ND	
<b>Heptanes</b>	83 - 1654	*ND	
<b>Toluene</b>	15 - 302	*ND	
<b>Xylenes</b> (m,p,o-Xylenes)	109 - 2183	*ND	


 Daniel Weidensaul  
 28-Mar-22  
 5:07 PM


 Ryan Weems  
 28-Mar-22  
 5:09 PM

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### Definitions

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**Medium Dogs 750mg pet tincture BACON**

**ASPEN GREEN**

Batch ID or Lot Number: <b>220321B</b>	Test: <b>Mycotoxins</b>	Reported: <b>3/31/22</b>	Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620
Matrix: Concentrate	Test ID: T000199590	Started: 3/30/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 03/24/2022 @ 04:00 PM	Sampler ID: N/A

### MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.8 - 138.3	ND	N/A
Aflatoxin B1	1 - 34.9	ND	
Aflatoxin B2	1.2 - 35.4	ND	
Aflatoxin G1	1.2 - 34	ND	
Aflatoxin G2	1.2 - 33.5	ND	
<b>Total Aflatoxins (B1, B2, G1, and G2)</b>		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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