

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Large Dogs 1500mg pet tincture UNFLAVORED**

Batch ID or Lot Number: <b>220301E</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 7
Reported: <b>09Mar2022</b>	Started: 08Mar2022	Received: 07Mar2022	



**Mycotoxins - Colorado Compliance**

Test ID: T000196549

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins


	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.63 - 134.22	ND	N/A
Aflatoxin B1	0.99 - 34.30	ND	
Aflatoxin B2	1.06 - 33.95	ND	
Aflatoxin G1	1.02 - 33.79	ND	
Aflatoxin G2	1.25 - 33.37	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

**Final Approval**  
Samantha Smith  
09Mar2022  
11:25:00 AM MST  
PREPARED BY / DATE  
Ryan Weems  
09Mar2022  
11:28:00 AM MST  
APPROVED BY / DATE**Heavy Metals - Colorado Compliance**

Test ID: T000196547

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.21	ND	
Cadmium	0.04 - 4.31	ND	
Mercury	0.04 - 4.17	ND	
Lead	0.04 - 4.19	ND	

**Final Approval**  
Daniel Weidensaul  
09Mar2022  
12:29:00 PM MST  
PREPARED BY / DATE  
Ryan Weems  
09Mar2022  
12:33:00 PM MST  
APPROVED BY / DATE

Prepared for:

**ASPEN GREEN**

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

## Large Dogs 1500mg pet tincture UNFLAVORED

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**220301E**

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Matrix:  
Concentrate

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Reported:  
**09Mar2022**

Started:  
08Mar2022

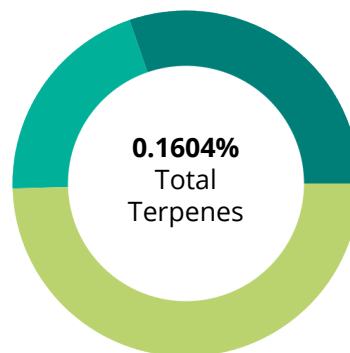
Received:  
07Mar2022

## Terpenes

Test ID: T000196544

Methods: TM22 (GC-MS)

	<b>%(w/w)</b>	<b>(mg/g)</b>
(-)-alpha-Bisabolol	0.0458	0.458
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0305	0.305
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0005	0.005
beta-Caryophyllene	0.0749	0.749
beta-Myrcene	0.0020	0.020
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	0.0067	0.067
	<b>0.1604</b>	<b>1.6040</b>



### PREDOMINANT TERPENES

<b>(-)-alpha-Bisabolol</b>	0.0458	
<b>(-)-beta-Pinene</b>	0.0000	
<b>alpha-Humulene</b>	0.0305	
<b>alpha-Pinene</b>	0.0000	
<b>alpha-Terpinene</b>	0.0005	
<b>beta-Caryophyllene</b>	0.0749	
<b>d-Limonene</b>	0.0000	
<b>delta-3-Carene</b>	0.0000	
<b>Linalool</b>	0.0000	

### Notes

### Final Approval

  
PREPARED BY / DATE

Ryan Weems  
09Mar2022  
02:29:00 PM MST

  
APPROVED BY / DATE

Jacob Miller  
09Mar2022  
02:32:00 PM MST

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Large Dogs 1500mg pet tincture UNFLAVORED**Batch ID or Lot Number:  
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VariousMatrix:  
Concentrate

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Reported:  
**09Mar2022**Started:  
08Mar2022Received:  
07Mar2022**Cannabinoids - Colorado  
Compliance**

Test ID: T000196543

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

Cannabinoid Analysis

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.876	5.692	60.185	2.15	
Cannabichromenic Acid (CBCA)	1.716	5.207	ND	ND	
Cannabidiol (CBD)	4.711	15.015	1677.439	59.91	
Cannabidiolic Acid (CBDA)	4.831	15.400	9.362*	0.33*	
Cannabidivarin (CBDV)	1.114	3.551	7.634	0.27	
Cannabidivarinic Acid (CBDVA)	2.015	6.424	ND	ND	
Cannabigerol (CBG)	1.065	3.232	32.456	1.16	
Cannabigerolic Acid (CBGA)	4.454	13.511	ND	ND	
Cannabinol (CBN)	1.390	4.216	1.747*	0.06*	
Cannabinolic Acid (CBNA)	3.039	9.218	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.306	16.096	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.819	14.618	48.214	1.72	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.269	12.952	ND	ND	
Tetrahydrocannabivarin (THCV)	0.969	2.940	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.766	11.424	ND	ND	
<b>Total Cannabinoids</b>			<b>1837.037</b>	<b>65.61</b>	
Total Potential THC**			48.214	1.72	
Total Potential CBD**			1685.649	60.20	

**Final Approval**Jacob Miller  
09Mar2022  
02:12:00 PM MST

PREPARED BY / DATE

Ryan Weems  
09Mar2022  
02:16:00 PM MST

APPROVED BY / DATE

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Large Dogs 1500mg pet tincture UNFLAVORED**

Batch ID or Lot Number: <b>220301E</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 7
Reported: <b>09Mar2022</b>	Started: 08Mar2022	Received: 07Mar2022	

**Residual Solvents -  
Colorado Compliance**

Test ID: T000196548

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	83 - 1659	ND	
Butanes (Isobutane, n-Butane)	166 - 3314	ND	
Methanol	58 - 1151	ND	
Pentane	86 - 1730	ND	
Ethanol	92 - 1838	ND	
Acetone	93 - 1867	ND	
Isopropyl Alcohol	99 - 1972	ND	
Hexane	6 - 113	ND	
Ethyl Acetate	96 - 1910	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	92 - 1833	ND	
Toluene	17 - 346	ND	
Xylenes (m,p,o-Xylenes)	127 - 2541	ND	

**Final Approval**Hannah Wright  
09Mar2022  
02:45:00 PM MST

PREPARED BY / DATE

Daniel Weidensaul  
09Mar2022  
02:47:00 PM MST

APPROVED BY / DATE

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
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Reported:  
**09Mar2022**Started:  
08Mar2022Received:  
07Mar2022**Pesticides**

Test ID: T000196545

Methods: TM17

(LC-QQ LC MS/MS)

**Dynamic Range (ppb)****Result (ppb)**

Abamectin	272 - 2555	ND
Acephate	38 - 2647	ND
Acetamiprid	37 - 2674	ND
Azoxystrobin	43 - 2680	ND
Bifenazate	40 - 2702	ND
Boscalid	54 - 2802	ND
Carbaryl	40 - 2714	ND
Carbofuran	45 - 2773	ND
Chlorantraniliprole	64 - 2669	ND
Chlorpyrifos	38 - 2684	ND
Clofentezine	271 - 2731	ND
Diazinon	278 - 2719	ND
Dichlorvos	278 - 2710	ND
Dimethoate	40 - 2725	ND
E-Fenpyroximate	289 - 2690	ND
Etofenprox	42 - 2695	ND
Etoxazole	293 - 2711	ND
Fenoxycarb	41 - 2695	ND
Fipronil	44 - 2702	ND
Flonicamid	49 - 2627	ND
Fludioxonil	285 - 2786	ND
Hexythiazox	40 - 2692	ND
Imazalil	254 - 2718	ND
Imidacloprid	44 - 2757	ND
Kresoxim-methyl	52 - 2704	ND

**Dynamic Range (ppb)****Result (ppb)**

Malathion	294 - 2701	ND
Metalaxyl	42 - 2777	ND
Methiocarb	41 - 2778	ND
Methomyl	38 - 2653	ND
MGK 264 1	169 - 1632	ND
MGK 264 2	114 - 1110	ND
Myclobutanil	38 - 2749	ND
Naled	49 - 2759	ND
Oxamyl	37 - 2664	ND
Paclobutrazol	40 - 2682	ND
Permethrin	290 - 2726	ND
Phosmet	35 - 2691	ND
Prophos	276 - 2729	ND
Propoxur	39 - 2737	ND
Pyridaben	288 - 2670	ND
Spinosad A	33 - 2243	ND
Spinosad D	45 - 495	ND
Spiromesifen	266 - 2680	ND
Spirotetramat	269 - 2686	ND
Spiroxamine 1	11 - 1171	ND
Spiroxamine 2	22 - 1530	ND
Tebuconazole	279 - 2698	ND
Thiacloprid	41 - 2692	ND
Thiamethoxam	44 - 2756	ND
Trifloxystrobin	42 - 2740	ND

**Final Approval**Sam Smith  
10Mar2022  
09:06:00 AM MST

PREPARED BY / DATE



APPROVED BY / DATE

Karen Winternheimer  
10Mar2022  
09:09:00 AM MST

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Reported:  
**09Mar2022**Started:  
08Mar2022Received:  
07Mar2022**Microbial  
Contaminants -  
Colorado Compliance**

Test ID: T000196546

Methods: TM25 (qPCR) TM24, TM26,  
TM27 (Culture Plating): Microbial  
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**Eden Thompson-Wright  
10Mar2022  
10:50:00 AM MSTCarly Bader  
10Mar2022  
11:15:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/bb381d67-b2ce-422d-bcda-30ef41c0ce86>**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: 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.

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02

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