

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**Batch ID or Lot Number:  
**220301C**Test, Test ID and Methods:  
VariousMatrix:  
Concentrate

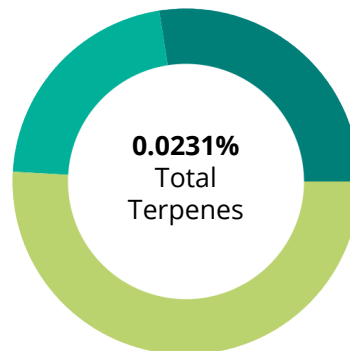
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Reported:  
**09Mar2022**Started:  
08Mar2022Received:  
07Mar2022**Terpenes**

Test ID: T000196530

Methods: TM22 (GC-MS)

|                         | (w/w)         | (mg/g)        |
|-------------------------|---------------|---------------|
| (-)-alpha-Bisabolol     | 0.0061        | 0.061         |
| (-)-beta-Pinene         | 0.0000        | 0.0000        |
| (-)-Caryophyllene Oxide | 0.0000        | 0.0000        |
| (-)-Isopulegol          | 0.0000        | 0.0000        |
| alpha-Humulene          | 0.0048        | 0.048         |
| alpha-Pinene            | 0.0000        | 0.0000        |
| alpha-Terpinene         | 0.0000        | 0.0000        |
| beta-Caryophyllene      | 0.0113        | 0.113         |
| beta-Myrcene            | 0.0000        | 0.0000        |
| 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         | 0.0009        | 0.009         |
|                         | <b>0.0231</b> | <b>0.2310</b> |

**PREDOMINANT TERPENES**

|                     |        |  |
|---------------------|--------|--|
| (-)-alpha-Bisabolol | 0.0061 |  |
| (-)-beta-Pinene     | 0.0000 |  |
| alpha-Humulene      | 0.0048 |  |
| alpha-Pinene        | 0.0000 |  |
| alpha-Terpinene     | 0.0000 |  |
| beta-Caryophyllene  | 0.0113 |  |
| d-Limonene          | 0.0000 |  |
| delta-3-Carene      | 0.0000 |  |
| Linalool            | 0.0000 |  |

**Notes****Final Approval**Ryan Weems  
09Mar2022  
02:29:00 PM MST

PREPARED BY / DATE

Jacob Miller  
09Mar2022  
02:32:00 PM MST

APPROVED BY / DATE

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**

|   |                                       |                        |             |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number:<br><b>220301C</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Concentrate | Page 2 of 7 |
| Reported:<br><b>09Mar2022</b>             | Started:<br>08Mar2022                 | Received:<br>07Mar2022 |             |



**Mycotoxins - Colorado  
Compliance**

Test ID: T000196535

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

|                                       | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A                          | 1.61 - 132.21       | ND           | N/A   |
| Aflatoxin B1                          | 0.98 - 33.78        | ND           |       |
| Aflatoxin B2                          | 1.04 - 33.44        | ND           |       |
| Aflatoxin G1                          | 1.01 - 33.28        | ND           |       |
| Aflatoxin G2                          | 1.23 - 32.87        | 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: T000196533

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**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**


|   |                                       |                        |             |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number:<br><b>220301C</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Concentrate | Page 3 of 7 |
| Reported:<br><b>09Mar2022</b>             | Started:<br>08Mar2022                 | Received:<br>07Mar2022 |             |

**Cannabinoids - Colorado  
Compliance**

Test ID: T000196529

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

| Cannabinoid Analysis                         | LOD (mg) | LOQ (mg) | Result (mg)    | Result (mg/g) | Notes |
|--|----------|----------|----------------|---------------|-------|
| Cannabichromene (CBC)                        | 1.848    | 5.605    | 10.350         | 0.37          |       |
| Cannabichromenic Acid (CBCA)                 | 1.690    | 5.127    | ND             | ND            |       |
| Cannabidiol (CBD)                            | 4.638    | 14.784   | 270.446        | 9.66          |       |
| Cannabidiolic Acid (CBDA)                    | 4.757    | 15.163   | ND             | ND            |       |
| Cannabidivarin (CBDV)                        | 1.097    | 3.497    | 1.198*         | 0.04*         |       |
| Cannabidivarinic Acid (CBDVA)                | 1.984    | 6.325    | ND             | ND            |       |
| Cannabigerol (CBG)                           | 1.049    | 3.182    | 4.834          | 0.17          |       |
| Cannabigerolic Acid (CBGA)                   | 4.385    | 13.303   | ND             | ND            |       |
| Cannabinol (CBN)                             | 1.369    | 4.152    | ND             | ND            |       |
| Cannabinolic Acid (CBNA)                     | 2.992    | 9.076    | ND             | ND            |       |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)   | 5.224    | 15.849   | ND             | ND            |       |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 4.745    | 14.394   | 7.492          | 0.27          |       |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 4.204    | 12.753   | ND             | ND            |       |
| Tetrahydrocannabivarin (THCV)                | 0.954    | 2.895    | ND             | ND            |       |
| Tetrahydrocannabivarinic Acid (THCVA)        | 3.708    | 11.248   | ND             | ND            |       |
| <b>Total Cannabinoids</b>                    |          |          | <b>294.320</b> | <b>10.51</b>  |       |
| Total Potential THC**                        |          |          | 7.492          | 0.27          |       |
| Total Potential CBD**                        |          |          | 270.446        | 9.66          |       |

**Final Approval**  
PREPARED BY / DATEJacob Miller  
09Mar2022  
02:12:00 PM MST  
APPROVED BY / DATERyan Weems  
09Mar2022  
02:16:00 PM MST

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**

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

**Residual Solvents -  
Colorado Compliance**

Test ID: T000196534

Methods: TM04 (GC-MS): Residual

| Solvents                      | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane                       | 89 - 1781           | ND           |       |
| Butanes (Isobutane, n-Butane) | 178 - 3558          | ND           |       |
| Methanol                      | 62 - 1236           | ND           |       |
| Pentane                       | 93 - 1857           | ND           |       |
| Ethanol                       | 99 - 1973           | ND           |       |
| Acetone                       | 100 - 2005          | ND           |       |
| Isopropyl Alcohol             | 106 - 2117          | ND           |       |
| Hexane                        | 6 - 122             | ND           |       |
| Ethyl Acetate                 | 103 - 2051          | ND           |       |
| Benzene                       | 0.2 - 4.1           | ND           |       |
| Heptanes                      | 98 - 1968           | ND           |       |
| Toluene                       | 19 - 372            | ND           |       |
| Xylenes (m,p,o-Xylenes)       | 136 - 2728          | 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  
BEAVER CREEK, CO USA 81620**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**Batch ID or Lot Number:  
**220301C**Test, Test ID and Methods:  
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Concentrate

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Reported:  
**09Mar2022**Started:  
08Mar2022Received:  
07Mar2022**Pesticides**

Test ID: T000196531

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

Karen Winternheimer  
10Mar2022  
09:09:00 AM MST

APPROVED BY / DATE

Prepared for:

**ASPEN GREEN**26 AVONDALE LANE #216B  
BEAVER CREEK, CO USA 81620**Small Dogs & Cats 250mg pet tincture  
UNFLAVORED**

|   |                                       |                        |             |
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| Batch ID or Lot Number:<br><b>220301C</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Concentrate | Page 6 of 7 |
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**Microbial  
Contaminants -  
Colorado Compliance**

Test ID: T000196532

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

|                       | Method                | LOD                     | Quantitation<br>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/4b231194-f24a-4a43-8d75-3c8542091402>**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

4b231194f24a4a438d753c8542091402.1

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**ASPEN GREEN**26 AVONDALE LANE #216B  
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**220301C**Test, Test ID and Methods:  
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Reported:  
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07Mar2022

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