



Date Released: 9/6/2024 10:28:54AM

Report #: 22633

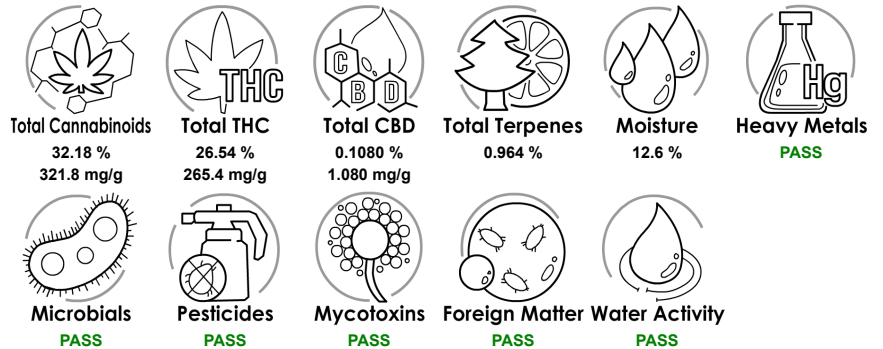
## Panda Breath

Sample #: 5747, Weight: 45.50g, Unit Count:  
Order #: X240827-0005

Category/Type: Plant, Flower - Cured  
Date Collected: 8/26/2024 5:35:00PM  
Date Received: 8/27/2024 10:53:05AM  
Date Sampled: 8/26/2024 10:05:00AM

Regulator Sample ID: PAN1302A  
Regulator Source Package ID: PAN1302A  
Regulator Batch ID: PAN1302A

Size: 3200Units, Unit Count:



### Cannabinoids Avg

Total Cannabinoids: **32.18 % - 321.8 mg/g**  
Total THC: **26.54 % - 265.4 mg/g**  
Total CBD: **0.1080 % - 1.080 mg/g**

Date Completed: 08/29/2024 11:57AM

| Compound | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|----------|------------|----------|---------|--------|------------------------|
| THCa     | 23978-85-0 | 0.001000 | 28.37   | 283.7  | <div></div>            |
| CBGa     | 25555-57-1 | 0.001000 | 1.793   | 17.93  | <div></div>            |
| d9-THC   | 1972-08-3  | 0.001000 | 1.630   | 16.30  | <div></div>            |
| CBG      | 25654-31-3 | 0.001000 | 0.1403  | 1.403  | <div></div>            |
| CBDa     | 1244-58-2  | 0.001000 | 0.1231  | 1.231  | <div></div>            |
| d8-THC   | 5957-75-5  | 0.001000 | 0.03232 | 0.3232 | <div></div>            |
| CBDV     | 24274-48-4 | 0.001000 | 0.02843 | 0.2843 | <div></div>            |

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Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





Sample #: 5747

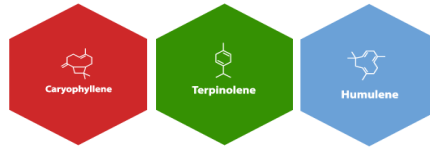
Panda Breath

| Compound   | CAS#       | LOQ (%)  | %        | mg/g    | Relative Concentration |
|------------|------------|----------|----------|---------|------------------------|
| CBC        | 20675-51-8 | 0.001000 | 0.02250  | 0.2250  |                        |
| THCV       | 31262-37-0 | 0.001000 | 0.02112  | 0.2112  |                        |
| d10/R9-THC | 95543-62-7 | 0.001000 | 0.01173  | 0.1173  |                        |
| CBN        | 521-35-7   | 0.001000 | 0.004253 | 0.04253 |                        |
| CBD        | 13956-29-1 | 0.001000 | ND       | ND      |                        |
| d10/S9-THC | 95588-87-7 | 0.001000 | ND       | ND      |                        |

**Test Comment:** Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

## Terpenes by HS-GC-MS

Date Completed: 08/30/2024 10:40AM



| Compound           | CAS#       | LOQ (%) | %      | Relative Concentration |
|--------------------|------------|---------|--------|------------------------|
| Beta-caryophyllene | 87-44-5    | 0.1000  | 0.3482 | <div></div>            |
| Terpinolene        | 586-62-9   | 0.1000  | 0.2548 | <div></div>            |
| Farnesene          | 502-61-4   | 0.1000  | 0.1411 | <div></div>            |
| Alpha-humulene     | 6753-98-6  | 0.1000  | 0.1120 | <div></div>            |
| Ocimene            | 13877-91-3 | 0.1000  | 0.1081 | <div></div>            |
| Beta-myrcene       | 123-35-3   | 0.1000  | ND     |                        |
| Limonene           | 5989-27-5  | 0.1000  | ND     |                        |
| Alpha-pinene       | 80-56-8    | 0.1000  | ND     |                        |
| Linalool           | 78-70-6    | 0.1000  | ND     |                        |

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**Sample #: 5747**

**Panda Breath**

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Beta-pinene         | 127-91-3   | 0.1000  | ND |                        |
| Alpha-bisabolol     | 515-69-5   | 0.1000  | ND |                        |
| Caryophyllene-oxide | 1139-30-6  | 0.1000  | ND |                        |
| Geraniol            | 106-24-1   | 0.1000  | ND |                        |
| Camphene            | 79-92-5    | 0.1000  | ND |                        |
| Guaial              | 489-86-1   | 0.1000  | ND |                        |
| Alpha-terpinene     | 99-86-5    | 0.1000  | ND |                        |
| Terpineol           | 8006-39-1  | 0.1000  | ND |                        |
| Fenchol             | 14575-74-7 | 0.1000  | ND |                        |
| Valencene           | 4630-07-3  | 0.1000  | ND |                        |
| Alpha-phellandrene  | 99-83-2    | 0.1000  | ND |                        |

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

**Foreign Matter by Microscopy**

**Pass**

Analysis Date: 08/29/2024 2:35 pm

| Compound          | LOQ (%) | Limits (%) | Result (%) | Status |
|-------------------|---------|------------|------------|--------|
| % Foreign Matter  | 0.00100 | 2.0        | ND         | Pass   |
| Mammalian Excreta | 0.00100 | 0.03       | ND         | Pass   |
| Stems             | 0.00100 | 5.0        | ND         | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

**Moisture LWG**

**Pass**

Analysis Date: 08/29/2024 12:02 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 5 - 15     | 12.6       | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

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Sample #: 5747 Panda Breath

| Water Activity   |          | Pass        |             | Analysis Date: 08/29/2024 2:35 pm |  |
|--|----------|-------------|-------------|-----------------------------------|--|
| Compound   | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status                            |  |
| Water Activity   | 0.05     | 0.65        | 0.61        | Pass                              |  |
| Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed. |          |             |             |                                   |  |

| Pesticides by LCMSMS |            | Pass          |               | Analysis Date: 08/30/2024 1:33 pm |  |
|----------------------|------------|---------------|---------------|-----------------------------------|--|
| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status                            |  |
| Abamectin            | 0.0100     | 0.500         | ND            | Pass                              |  |
| Acephate             | 0.0100     | 0.400         | ND            | Pass                              |  |
| Acequinocyl          | 0.0100     | 2.00          | ND            | Pass                              |  |
| Acetamiprid          | 0.0100     | 0.200         | ND            | Pass                              |  |
| Aldicarb             | 0.0100     | 0.400         | ND            | Pass                              |  |
| Azadirachtin         | 0.0100     | 1.00          | ND            | Pass                              |  |
| Azoxystrobin         | 0.0100     | 0.200         | ND            | Pass                              |  |
| Bifenazate           | 0.0100     | 0.200         | ND            | Pass                              |  |
| Bifenthrin           | 0.0100     | 0.200         | ND            | Pass                              |  |
| Boscalid             | 0.0100     | 0.400         | ND            | Pass                              |  |
| Captan               | 0.0100     | 1.00          | ND            | Pass                              |  |
| Carbaryl             | 0.0100     | 0.200         | ND            | Pass                              |  |
| Carbofuran           | 0.0100     | 0.200         | ND            | Pass                              |  |
| Chlorantraniliprole  | 0.0100     | 0.200         | ND            | Pass                              |  |
| Chlordane-alpha      | 0.0100     | 1.00          | ND            | Pass                              |  |
| Chlorfenapyr         | 0.0100     | 1.00          | ND            | Pass                              |  |
| Chlormequat Chloride | 0.0100     | 1.00          | ND            | Pass                              |  |
| Chlorpyrifos         | 0.0100     | 0.200         | ND            | Pass                              |  |
| Clofentezine         | 0.0100     | 0.200         | ND            | Pass                              |  |
| Coumaphos            | 0.0100     | 1.00          | ND            | Pass                              |  |
| Cyfluthrin           | 0.0100     | 1.00          | ND            | Pass                              |  |

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Dr. Kelly Greenland, Lab Director





Sample #: 5747

Panda Breath

Pesticides by LCMSMS

Pass

Analysis Date: 08/30/2024 1:33 pm

| Compound           | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| Cypermethrin       | 0.0100     | 1.00          | ND            | Pass   |
| Daminozide         | 0.0100     | 1.00          | ND            | Pass   |
| Diazinon           | 0.0100     | 0.200         | ND            | Pass   |
| Dichlorvos         | 0.0100     | 1.00          | ND            | Pass   |
| Dimethoate         | 0.0100     | 0.200         | ND            | Pass   |
| Dimethomorph       | 0.0100     | 1.00          | ND            | Pass   |
| Ethoprophos        | 0.0100     | 0.200         | ND            | Pass   |
| Etofenprox         | 0.0100     | 0.400         | ND            | Pass   |
| Etoxazole          | 0.0100     | 0.200         | ND            | Pass   |
| Fenhexamid         | 0.0100     | 1.00          | ND            | Pass   |
| Fenoxycarb         | 0.0100     | 0.200         | ND            | Pass   |
| Fenpyroximate      | 0.0100     | 0.400         | ND            | Pass   |
| Fipronil           | 0.0100     | 0.400         | ND            | Pass   |
| Flonicamid         | 0.0100     | 1.00          | ND            | Pass   |
| Fludioxonil        | 0.0100     | 0.400         | ND            | Pass   |
| Hexythiazox        | 0.0100     | 1.00          | ND            | Pass   |
| Imazalil           | 0.0100     | 0.200         | ND            | Pass   |
| Imidacloprid       | 0.0100     | 0.400         | ND            | Pass   |
| Indolebutyric Acid | 0.0100     | 1.00          | ND            | Pass   |
| Kresoxim-methyl    | 0.0100     | 0.400         | ND            | Pass   |
| Malathion          | 0.0100     | 0.200         | ND            | Pass   |
| Metalaxyl          | 0.0100     | 0.200         | ND            | Pass   |
| Methiocarb         | 0.0100     | 0.200         | ND            | Pass   |
| Methomyl           | 0.0100     | 0.400         | ND            | Pass   |
| Methyl Parathion   | 0.0100     | 0.200         | ND            | Pass   |
| Mevinphos          | 0.0100     | 1.00          | ND            | Pass   |

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Sample #: 5747 Panda Breath


| Pesticides by LCMSMS    |            | Pass          |               | Analysis Date: 08/30/2024 1:33 pm |  |
|-------------------------|------------|---------------|---------------|-----------------------------------|--|
| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status                            |  |
| MGK-264                 | 0.0100     | 0.200         | ND            | Pass                              |  |
| Myclobutanil            | 0.0100     | 0.200         | ND            | Pass                              |  |
| Naled                   | 0.0100     | 0.500         | ND            | Pass                              |  |
| Oxamyl                  | 0.0100     | 1.00          | ND            | Pass                              |  |
| Paclobutrazol           | 0.0100     | 0.400         | ND            | Pass                              |  |
| Pentachloronitrobenzene | 0.0100     | 1.00          | ND            | Pass                              |  |
| Permethrins, Total      | 0.0100     | 0.200         | ND            | Pass                              |  |
| Phosmet                 | 0.0100     | 0.200         | ND            | Pass                              |  |
| Piperonyl Butoxide      | 0.0100     | 2.00          | ND            | Pass                              |  |
| Prallethrin             | 0.0100     | 0.200         | ND            | Pass                              |  |
| Propiconazole           | 0.0100     | 0.400         | ND            | Pass                              |  |
| Propoxur                | 0.0100     | 0.200         | ND            | Pass                              |  |
| Pyrethrins Total        | 0.0100     | 1.00          | ND            | Pass                              |  |
| Pyridaben               | 0.0100     | 0.200         | ND            | Pass                              |  |
| Spinetoram Total        | 0.0100     | 1.00          | ND            | Pass                              |  |
| Spinosad Total          | 0.0100     | 0.200         | ND            | Pass                              |  |
| Spiromesifen            | 0.0100     | 0.200         | ND            | Pass                              |  |
| Spirotetramat           | 0.0100     | 0.200         | ND            | Pass                              |  |
| Spiroxamine             | 0.0100     | 0.200         | ND            | Pass                              |  |
| Tebuconazole            | 0.0100     | 0.400         | ND            | Pass                              |  |
| Thiacloprid             | 0.0100     | 0.200         | ND            | Pass                              |  |
| Thiamethoxam            | 0.0100     | 0.200         | ND            | Pass                              |  |
| Trifloxystrobin         | 0.0100     | 0.200         | ND            | Pass                              |  |

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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Dr. Kelly Greenland, Lab Director





Sample #: 5747

Panda Breath

Mycotoxins by LCMSMS

Pass

Analysis Date: 08/30/2024 1:33 pm

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| Aflatoxin B1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin B2    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G2    | 0.0050     | 0.020         | ND            | Pass   |
| Ochratoxin A    | 0.0050     | 0.020         | ND            | Pass   |
| Total Aflatoxin | 0.0050     | 0.020         | ND            | Pass   |

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Analysis Date: 08/29/2024 5:00 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | ND            | Pass   |
| Cadmium  | 0.00150    | 0.200         | ND            | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 6.50          | Pass   |
| Lead     | 0.00250    | 0.500         | ND            | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | ND            | Pass   |

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 08/29/2024 2:17 pm

| Compound                          | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status |
|-----------------------------------|-------------|----------------|----------------|--------|
| Aspergillus flavus Qualitative    | 1           | 0              | Not Detected   | Pass   |
| Aspergillus fumigatus Qualitative | 1           | 0              | Not Detected   | Pass   |
| Aspergillus niger Qualitative     | 1           | 0              | Not Detected   | Pass   |
| Aspergillus terreus Qualitative   | 1           | 0              | Not Detected   | Pass   |

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Panda Breath

| Micro by Petri & qPCR  |             | Pass           |                | Analysis Date: 08/29/2024 2:17 pm |  |
|--|-------------|----------------|----------------|-----------------------------------|--|
| Compound   | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status                            |  |
| Salmonella Qualitative   | 1           | 0              | Not Detected   | Pass                              |  |
| Shiga Toxin-Producing E. coli Qualitative  | 1           | 0              | Not Detected   | Pass                              |  |
| Total Aerobic Bacteria   | 10          |                | 9000           | Pass                              |  |
| Total Yeast & Mold   | 10          |                | <LOQ           | Pass                              |  |
| Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.<br>Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g. |             |                |                |                                   |  |

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