



Date Released: 5/2/2025 6:33:35PM

Report #: 56681

**Fugue State 3.5g Jar**

Sample #: 15018, Weight: 45.50g, Unit Count:  
 Order #: X250429-0003

Category/Type: Plant, Flower - Cured  
 Date Collected: 4/28/2025 6:00:00PM  
 Date Received: 4/29/2025 11:53:51AM  
 Date Sampled: 4/28/2025 9:05:00AM

Regulator Sample ID: FS112611  
 Regulator Source Package ID: FS112611  
 Regulator Batch ID: FS112611

Size: 3200Units, Unit Count:



Total Cannabinoids  
 29.11 %  
 291.1 mg/g



Total THC  
 22.26 %  
 222.6 mg/g



Total CBD  
 2.109 %  
 21.09 mg/g



Total Terpenes  
 1.266 %



Moisture  
 10.4 %



Heavy Metals  
 PASS



Microbials  
 PASS



Pesticides  
 PASS



Mycotoxins  
 PASS



Foreign Matter  
 PASS



Water Activity  
 PASS

| Cannabinoids Avg |            |          |         |        | Total Cannabinoids: 29.11 % - 291.1 mg/g                                |  | Date Completed: 05/01/2025 12:42PM |
|------------------|------------|----------|---------|--------|---|--|------------------------------------|
|                  |            |          |         |        | Total THC: 22.26 % - 222.6 mg/g   |  |                                    |
|                  |            |          |         |        | Total CBD: 2.109 % - 21.09 mg/g   |  |                                    |
| Compound         | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration  |  |                                    |
| THCa             | 23978-85-0 | 0.001000 | 24.40   | 244.0  | <div style="width: 100%; height: 10px; background-color: green;"></div> |  |                                    |
| CBDa             | 1244-58-2  | 0.001000 | 2.315   | 23.15  | <div style="width: 10%; height: 10px; background-color: green;"></div>  |  |                                    |
| CBGa             | 25555-57-1 | 0.001000 | 1.210   | 12.10  | <div style="width: 5%; height: 10px; background-color: green;"></div>   |  |                                    |
| d9-THC           | 1972-08-3  | 0.001000 | 0.8267  | 8.267  | <div style="width: 3%; height: 10px; background-color: green;"></div>   |  |                                    |
| CBG              | 25654-31-3 | 0.001000 | 0.2315  | 2.315  | <div style="width: 1%; height: 10px; background-color: green;"></div>   |  |                                    |
| CBD              | 13956-29-1 | 0.001000 | 0.07897 | 0.7897 | <div style="width: 0.5%; height: 10px; background-color: green;"></div> |  |                                    |
| d8-THC           | 5957-75-5  | 0.001000 | 0.03107 | 0.3107 | <div style="width: 0.2%; height: 10px; background-color: green;"></div> |  |                                    |

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 Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 15018**

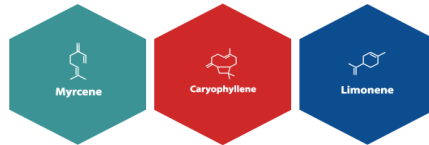
**Fugue State 3.5g Jar**

| Compound   | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|------------|------------|----------|---------|--------|------------------------|
| THCV       | 31262-37-0 | 0.001000 | 0.01512 | 0.1512 |                        |
| CBDV       | 24274-48-4 | 0.001000 | ND      | ND     |                        |
| CBN        | 521-35-7   | 0.001000 | ND      | ND     |                        |
| d10/R9-THC | 95543-62-7 | 0.001000 | ND      | ND     |                        |
| d10/S9-THC | 95588-87-7 | 0.001000 | ND      | ND     |                        |
| CBC        | 20675-51-8 | 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: 04/30/2025 5:47PM



| Compound                    | CAS#      | LOQ (%) | %      | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Beta-myrcene                | 123-35-3  | 0.1000  | 0.4020 |                        |
| Beta-caryophyllene          | 87-44-5   | 0.1000  | 0.3700 |                        |
| Farnesene                   | 502-61-4  | 0.1000  | 0.2160 |                        |
| Limonene                    | 5989-27-5 | 0.1000  | 0.1655 |                        |
| Valencene                   | 4630-07-3 | 0.1000  | 0.1125 |                        |
| Results based on dry weight |           |         |        |                        |
| Alpha-pinene                | 80-56-8   | 0.1000  | ND     |                        |
| Alpha-humulene              | 6753-98-6 | 0.1000  | ND     |                        |
| Linalool                    | 78-70-6   | 0.1000  | ND     |                        |

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**Fugue State 3.5g Jar**

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Beta-pinene         | 127-91-3   | 0.1000  | ND |                        |
| Terpinolene         | 586-62-9   | 0.1000  | ND |                        |
| Ocimene             | 13877-91-3 | 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 |                        |
| Guaiol              | 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 |                        |
| 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: 05/02/2025 2:27 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 by Analyzer** **Pass** Analysis Date: 05/02/2025 2:34 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 0 - 15     | 10.4       | 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 #: 15018

Fugue State 3.5g Jar

Water Activity by Meter

Pass

Analysis Date: 05/02/2025 2:34 pm

| Compound       | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status |
|----------------|----------|-------------|-------------|--------|
| Water Activity | 0.05     | 0.65        | 0.48        | 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: 05/02/2025 2:15 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   |
| Chloromequat 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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**Sample #: 15018**

**Fugue State 3.5g Jar**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 05/02/2025 2:15 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   |
| Etoazole           | 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   |
| Fonicamid          | 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 #: 15018**

**Fugue State 3.5g Jar**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 05/02/2025 2:15 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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**Sample #: 15018**

**Fugue State 3.5g Jar**

**Mycotoxins by LCMSMS**

**Pass**

Analysis Date: 05/02/2025 2:10 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: 04/30/2025 3:26 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | 0.00738       | Pass   |
| Cadmium  | 0.00150    | 0.200         | ND            | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 6.15          | Pass   |
| Lead     | 0.00250    | 0.500         | ND            | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | 0.637         | Pass   |

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

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 04/30/2025 1:34 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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**Fugue State 3.5g Jar**

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 04/30/2025 1:34 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          |                | 2000           | Pass   |
| Total Yeast & Mold                        | 10          |                | 1000           | Pass   |

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.  
**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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