





**Sample #: 18306**

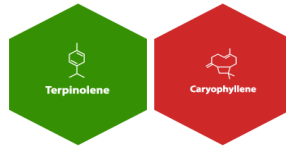
**Memory Loss .5g Preroll**

| Compound   | CAS#       | LOQ (%)  | %  | mg/g | Relative Concentration |
|------------|------------|----------|----|------|------------------------|
| THCV       | 31262-37-0 | 0.001000 | ND | ND   |                        |
| CBD        | 13956-29-1 | 0.001000 | ND | ND   |                        |
| CBN        | 521-35-7   | 0.001000 | ND | ND   |                        |
| d8-THC     | 5957-75-5  | 0.001000 | ND | ND   |                        |
| d10/R9-THC | 95543-62-7 | 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: 08/31/2025 12:15PM



| Compound                    | CAS#       | LOQ (%) | %      | Relative Concentration             |
|-----------------------------|------------|---------|--------|------------------------------------|
| Terpinolene                 | 586-62-9   | 0.1000  | 0.2557 | <div style="width: 25.57%;"></div> |
| Beta-caryophyllene          | 87-44-5    | 0.1000  | 0.1618 | <div style="width: 16.18%;"></div> |
| Ocimene                     | 13877-91-3 | 0.1000  | 0.1130 | <div style="width: 11.30%;"></div> |
| Farnesene                   | 502-61-4   | 0.1000  | 0.1020 | <div style="width: 10.20%;"></div> |
| Results based on dry weight |            |         |        |                                    |
| Beta-myrcene                | 123-35-3   | 0.1000  | ND     |                                    |
| Limonene                    | 5989-27-5  | 0.1000  | ND     |                                    |
| Alpha-pinene                | 80-56-8    | 0.1000  | ND     |                                    |
| Alpha-humulene              | 6753-98-6  | 0.1000  | ND     |                                    |

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 1809 Vestal Pkwy E  
 Vestal, NY 13850  
 (607)301-0884  
 InfoNY@KeystoneStateTesting.com  
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 Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 18306**

**Memory Loss .5g Preroll**

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Linalool            | 78-70-6    | 0.1000  | ND |                        |
| 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 |                        |
| 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 |                        |
| 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.

**Moisture LWG**

**Pass**

Analysis Date: 08/29/2025 10:32 am

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 0 - 15     | 8.8        | Pass   |

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

**Water Activity**

**Pass**

Analysis Date: 08/29/2025 10:32 am

| 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: 09/02/2025 3:16 pm

| Compound  | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------|------------|---------------|---------------|--------|
| Abamectin | 0.0100     | 0.500         | ND            | Pass   |

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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 18306**

**Memory Loss .5g Preroll**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 09/02/2025 3:16 pm

| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------------------|------------|---------------|---------------|--------|
| 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   |
| 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   |

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Dr. Kelly Greenland, Lab Director





**Sample #: 18306**

**Memory Loss .5g Preroll**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 09/02/2025 3:16 pm

| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| 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   |
| 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   |
| 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   |

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Sample #: 18306

Memory Loss .5g Preroll

Pesticides by LCMSMS

Pass

Analysis Date: 09/02/2025 3:16 pm

| Compound           | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| 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.

Mycotoxins by LCMSMS

Pass

Analysis Date: 09/02/2025 3:15 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   |

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Dr. Kelly Greenland, Lab Director





**Sample #: 18306**

**Memory Loss .5g Preroll**

**Mycotoxins by LCMSMS**

**Pass**

Analysis Date: 09/02/2025 3:15 pm

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| 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: 08/30/2025 12:03 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | 0.0135        | Pass   |
| Arsenic  | 0.00100    | 0.200         | ND            | Pass   |
| Cadmium  | 0.00150    | 0.200         | 0.0369        | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 9.23          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0629        | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | 0.0244        | Pass   |

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

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 08/28/2025 3:19 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   |
| Salmonella Qualitative                    | 1           | 0              | Not Detected   | Pass   |
| Shiga Toxin-Producing E. coli Qualitative | 1           | 0              | Not Detected   | Pass   |
| Total Aerobic Bacteria                    | 10          |                | <LOQ           | Pass   |
| Total Yeast & Mold                        | 10          |                | 1000           | Pass   |

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## Sample #: 18306

## Memory Loss .5g Preroll

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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