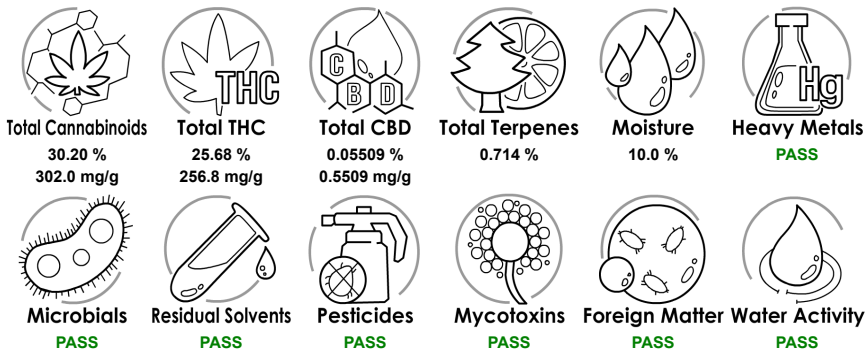




Date Released: 12/1/2025 1:17:55PM
Report #: 103066

Memory Loss

Sample #: 21732, Weight: 280.00g, Unit Count:
Order #: X251121-0004
Category/Type: Plant, Flower Enhanced
Date Collected: 11/21/2025 5:38:00PM
Date Received: 11/21/2025 6:06:10PM
Date Sampled: 11/21/2025 11:30:00AM
Regulator Sample ID: CR-ML-S-4
Regulator Source Package ID: CR-ML-S-4
Regulator Batch ID: CR-ML-S-4
Size: 9600Units, Unit Count:



| Cannabinoids Avg | | | | | Date Completed: 11/24/2025 12:25PM |
|--|------------|----------|---------|--------|------------------------------------|
| Total Cannabinoids: 30.20 % - 302.0 mg/g | | | | | |
| Total THC: 25.68 % - 256.8 mg/g | | | | | |
| Total CBD: 0.05509 % - 0.5509 mg/g | | | | | |
| Compound | CAS# | LOQ (%) | % | mg/g | Relative Concentration |
| THCa | 23978-85-0 | 0.001000 | 28.02 | 280.2 | <div></div> |
| d9-THC | 1972-08-3 | 0.001000 | 1.111 | 11.11 | <div></div> |
| CBGa | 25555-57-1 | 0.001000 | 0.9097 | 9.097 | <div></div> |
| CBG | 25654-31-3 | 0.001000 | 0.09649 | 0.9649 | <div></div> |
| CBDa | 1244-58-2 | 0.001000 | 0.06282 | 0.6282 | <div></div> |
| CBDV | 24274-48-4 | 0.001000 | ND | ND | |
| THCV | 31262-37-0 | 0.001000 | ND | ND | |

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Kelly Greenland
Dr. Kelly Greenland, Lab Director





Sample #: 21732

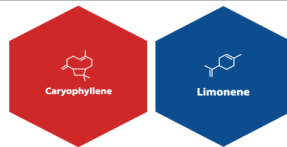
Memory Loss

| Compound | CAS# | LOQ (%) | % | mg/g | Relative Concentration |
|------------|------------|----------|----|------|------------------------|
| 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 | |
| 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: 11/24/2025 2:36PM



| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Beta-caryophyllene | 87-44-5 | 0.1000 | 0.3395 | <div></div> |
| Farnesene | 502-61-4 | 0.1000 | 0.2161 | <div></div> |
| Limonene | 5989-27-5 | 0.1000 | 0.1580 | <div></div> |
| Results based on dry weight | | | | |
| Beta-myrcene | 123-35-3 | 0.1000 | ND | |
| Alpha-pinene | 80-56-8 | 0.1000 | ND | |
| Alpha-humulene | 6753-98-6 | 0.1000 | ND | |
| Linalool | 78-70-6 | 0.1000 | ND | |
| Beta-pinene | 127-91-3 | 0.1000 | ND | |

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Dr. Kelly Greenland, Lab Director





Sample #: 21732

Memory Loss

| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| 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 | |
| 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: 11/24/2025 9:19 am | |
|------------------------------|---------|------------|------------|-----------------------------------|--|
| Compound | LOQ (%) | Limits (%) | Result (%) | Status | |
| % Filth | 0.00100 | 2.0 | ND | Pass | |
| % Mammalian Excreta | 0.00100 | 5.0 | ND | Pass | |
| % Stems | 0.00100 | 0.03 | 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: 11/24/2025 9:20 am | |
|----------------------|---------|------------|------------|-----------------------------------|--|
| Compound | LOQ (%) | Limits (%) | Result (%) | Status | |
| Moisture | 1.2 | 0 - 15 | 10.0 | 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 #: 21732Memory Loss

| Water Activity by Meter | | Pass | | Analysis Date: 11/24/2025 9:25 am | |
|--|----------|-------------|-------------|-----------------------------------|--|
| Compound | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status | |
| Water Activity | 0.05 | 0.65 | 0.40 | 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: 11/25/2025 1:51 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 #: 21732

Memory Loss

Pesticides by LCMSMS

Pass

Analysis Date: 11/25/2025 1:51 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 #: 21732Memory Loss

| Pesticides by LCMSMS | | Pass | | Analysis Date: 11/25/2025 1:51 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 #: 21732

Memory Loss

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 11/26/2025 11:32 am

| Compound | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|---------------------------|-----------|--------------|--------------|--------|
| 1,2-Dichloroethane | 0.0500 | 5.00 | ND | Pass |
| Acetone | 50.00 | 5000 | ND | Pass |
| Acetonitrile | 50.00 | 410 | ND | Pass |
| Benzene | 0.5000 | 2.00 | ND | Pass |
| Butanes Total | 25.00 | 5000 | ND | Pass |
| Chloroform | 0.5000 | 60.0 | ND | Pass |
| Dimethyl Sulfoxide (DMSO) | 50.00 | 5000 | ND | Pass |
| Ethanol | 50.00 | 5000 | ND | Pass |
| Ethyl acetate | 50.00 | 5000 | ND | Pass |
| Ethyl ether | 50.00 | 5000 | ND | Pass |
| Freon | 50.00 | 1000 | ND | Pass |
| Heptane | 50.00 | 5000 | ND | Pass |
| Hexanes Total | 10.00 | 290 | ND | Pass |
| Isopropanol | 50.00 | 5000 | ND | Pass |
| Methanol | 50.00 | 3000 | ND | Pass |
| Methylene chloride | 50.00 | 600 | ND | Pass |
| Pentanes Total | 16.70 | 5000 | ND | Pass |
| Propane | 50.00 | 5000 | ND | Pass |
| Toluene | 50.00 | 890 | ND | Pass |
| Total xylenes | 25.00 | 2170 | ND | Pass |
| Trichloroethane (1,1,1-) | 50.00 | 1500 | ND | Pass |

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 11/25/2025 1:51 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------|------------|---------------|---------------|--------|
| Aflatoxin B1 | 0.0050 | 0.020 | ND | Pass |

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Dr. Kelly Greenland, Lab Director





Sample #: 21732

Memory Loss

Mycotoxins by LCMSMS

Pass

Analysis Date: 11/25/2025 1:51 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| 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: 11/24/2025 2:04 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100 | 2.00 | ND | Pass |
| Arsenic | 0.00100 | 0.200 | 0.0346 | Pass |
| Cadmium | 0.00150 | 0.200 | ND | Pass |
| Chromium | 0.280 | 110 | ND | Pass |
| Copper | 0.0750 | 30.0 | 4.90 | Pass |
| Lead | 0.00250 | 0.500 | 0.237 | Pass |
| Mercury | 0.000500 | 0.100 | 0.00180 | Pass |
| Nickel | 0.0100 | 5.00 | 0.0295 | Pass |

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

Micro by Petri & qPCR

Pass

Analysis Date: 11/26/2025 10:42 am

| 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 |

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Sample #: 21732Memory Loss

| Micro by Petri & qPCR | | Pass | | Analysis Date: 11/26/2025 10:42 am | |
|--|-------------|----------------|----------------|------------------------------------|--|
| Compound | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status | |
| Shiga Toxin-Producing E. coli Qualitative | 1 | 0 | Not Detected | Pass | |
| Total Aerobic Bacteria | 10 | | 727273 | Pass | |
| Total Yeast & Mold | 10 | | 156364 | 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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