



09010

**Date Reported:** 11/2/2024

## A white rectangular plate is centered on a reddish-brown surface. On the plate are two portions of a dark green, textured food item, possibly a vegetable-based salad or dressing. The larger portion is at the top, and the smaller one is below it. The food has a chunky, irregular texture with some lighter green areas.

# PASS

| Analyte | % (Dry) | mg/g (Dry) | %       | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC     | ND      | ND         | ND      | ND      | 0.0215     | 0.0649     |
| CBD     | ND      | ND         | ND      | ND      | 0.0316     | 0.0957     |
| CBDA    | 0.1087  | 1.087      | 0.0986  | 0.986   | 0.0351     | 0.1058     |
| CBDV    | ND      | ND         | ND      | ND      | 0.0391     | 0.1189     |
| CBG     | 0.1346  | 1.346      | 0.1221  | 1.221   | 0.0320     | 0.0974     |
| CBGA    | 1.1704  | 11.704     | 1.0617  | 10.617  | 0.0338     | 0.1022     |
| CBN     | ND      | ND         | ND      | ND      | 0.0307     | 0.0926     |
| d8-THC  | ND      | ND         | ND      | ND      | 0.0250     | 0.0759     |
| d9-THC  | 2.6588  | 26.588     | 2.4118  | 24.118  | 0.0255     | 0.0768     |
| THCA    | 31.2802 | 312.802    | 28.3743 | 283.743 | 0.0263     | 0.0790     |
| THCV    | ND      | ND         | ND      | ND      | 0.0312     | 0.0939     |

| Total Cannabinoids  |         |            |
|---------------------|---------|------------|
|                     | % (Dry) | mg/g (Dry) |
| Total THC:          | 30.0    | 301.000    |
| Total CBD:          | 0.095   | 0.953      |
| Total Cannabinoids: | 31.348  | 313.479    |

**Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)**



Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN MISSISSIPPI. Steep Hill Mississippi does not use Measurement Uncertainty when determining results. Measurement Uncertainty information is available upon request. These results only relate to the item tested and apply to the sample as received. This report should only be reproduced in its entirety.



**Sample ID: MS8237**



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## Regulatory Compliance Testing Certificate of Analysis

### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #66600

| Analyte             | %      | mg/g   | LOD (mg/g) | LOQ (mg/g) |
|---------------------|--------|--------|------------|------------|
| trans-Caryophyllene | 0.7724 | 7.724  | 0.007      | 0.022      |
| Limonene            | 0.6137 | 6.137  | 0.003      | 0.009      |
| Linalool            | 0.5181 | 5.181  | 0.004      | 0.011      |
| a-Humulene          | 0.1947 | 1.947  | 0.004      | 0.011      |
| Myrcene             | 0.1844 | 1.844  | 0.003      | 0.009      |
| beta-Pinene         | 0.0993 | 0.993  | 0.003      | 0.010      |
| a-Pinene            | 0.0822 | 0.822  | 0.002      | 0.005      |
| a-Bisabolol         | 0.077  | 0.77   | 0.009      | 0.026      |
| trans-Nerolidol     | 0.0585 | 0.585  | 0.003      | 0.011      |
| Carophyllene Oxide  | 0.0464 | 0.464  | 0.011      | 0.033      |
| Geraniol            | 0.0457 | 0.457  | 0.011      | 0.032      |
| gamma-terpinene     | 0.0388 | 0.388  | 0.003      | 0.008      |
| cis-Ocimene         | 0.0293 | 0.293  | 0.003      | 0.008      |
| Camphene            | 0.0293 | 0.293  | 0.005      | 0.014      |
| trans-Ocimene       | 0.0205 | 0.205  | 0.005      | 0.016      |
| Cineole             | 0.0204 | 0.204  | 0.004      | 0.012      |
| alpha-Terpinene     | 0.0188 | 0.188  | 0.001      | 0.004      |
| 3-Carene            | ND     | ND     | 0.003      | 0.008      |
| a-Terpinolene       | ND     | ND     | 0.002      | 0.005      |
| Isopulegol          | ND     | ND     | 0.008      | 0.024      |
| cis-Nerolidol       | ND     | ND     | 0.003      | 0.011      |
| Guaiol              | ND     | ND     | 0.007      | 0.020      |
| Total Terpenes      | 2.8495 | 28.495 |            |            |

### Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #66602

| Analyte             | Result | Limit | Pass/Fail |
|---------------------|--------|-------|-----------|
| Moisture (%)        | 9.29   | 15    | PASS      |
| Water Activity (Aw) | 0.46   | 0.65  | PASS      |

### Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #66595

| Analyte  | Pass/Fail | Result (ug/g) | Limit | LOD (ug/g) | LOQ (ug/g) |
|----------|-----------|---------------|-------|------------|------------|
| Arsenic  | Pass      | ND            | 0.400 | 0.016      | 0.050      |
| Cadmium  | Pass      | ND            | 0.400 | 0.022      | 0.067      |
| Chromium | Pass      | ND            | 1.200 | 0.065      | 0.198      |
| Copper   | NT        | NT            | NT    | 0.083      | 0.251      |
| Lead     | Pass      | ND            | 1.000 | 0.021      | 0.062      |
| Mercury  | Pass      | ND            | 0.200 | 0.028      | 0.084      |
| Nickel   | Pass      | ND            | 1.000 | 0.055      | 0.166      |



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## Regulatory Compliance Testing Certificate of Analysis

### Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS) - Limit units: ug/g = ppm | Test ID: #66597

| Analyte               | Pass/Fail | Result (µg/g) | Limit | LOD (µg/g) | LOQ (µg/g) |
|-----------------------|-----------|---------------|-------|------------|------------|
| Abamectin             | PASS      | ND            | 0.500 | 0.001      | 0.002      |
| Acephate              | PASS      | ND            | 0.400 | 0.015      | 0.047      |
| Acequinocyl           | PASS      | ND            | 2.000 | 0.024      | 0.072      |
| Acetamiprid           | PASS      | ND            | 0.200 | 0.002      | 0.006      |
| Aldicarb              | PASS      | ND            | 0.400 | 0.005      | 0.015      |
| Azoxystrobin          | PASS      | ND            | 0.200 | 0.002      | 0.006      |
| Bifenazate            | PASS      | ND            | 0.200 | 0.002      | 0.007      |
| Bifenthrin            | PASS      | ND            | 0.200 | 0.004      | 0.012      |
| Boscalid              | PASS      | ND            | 0.400 | 0.008      | 0.023      |
| Carbaryl              | PASS      | ND            | 0.200 | 0.001      | 0.003      |
| Carbofuran            | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Chlorantraniliprole   | PASS      | ND            | 0.200 | 0.004      | 0.011      |
| Chlorfenapyr          | PASS      | ND            | 1.000 | 0.056      | 0.170      |
| Chloromequat chloride | PASS      | ND            | 0.200 | 0.004      | 0.013      |
| Chlorpyrifos          | PASS      | ND            | 0.200 | 0.004      | 0.011      |
| Clofentezine          | PASS      | ND            | 0.200 | 0.002      | 0.006      |
| Cyfluthrin            | PASS      | ND            | 1.000 | 0.025      | 0.076      |
| Cypermethrin          | PASS      | ND            | 1.000 | 0.010      | 0.029      |
| Daminozide            | PASS      | ND            | 1.000 | 0.014      | 0.044      |
| Diazinon              | PASS      | ND            | 0.200 | 0.001      | 0.004      |
| Dichlorvos            | PASS      | ND            | 0.100 | 0.001      | 0.002      |
| Dimethoate            | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Ethoprophos           | PASS      | ND            | 0.200 | 0.002      | 0.006      |
| Etofenprox            | PASS      | ND            | 0.400 | 0.009      | 0.029      |
| Etoxazole             | PASS      | ND            | 0.200 | 0.001      | 0.004      |
| Fenoxycarb            | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Fenpyroximate         | PASS      | ND            | 0.400 | 0.002      | 0.007      |
| Fipronil              | PASS      | ND            | 0.400 | 0.008      | 0.023      |
| Flonicamid            | PASS      | ND            | 1.000 | 0.043      | 0.130      |
| Fludioxonil           | PASS      | ND            | 0.400 | 0.010      | 0.030      |
| Hexythiazox           | PASS      | ND            | 1.000 | 0.007      | 0.021      |
| Imazalil              | PASS      | ND            | 0.200 | 0.003      | 0.008      |
| Imidacloprid          | PASS      | ND            | 0.400 | 0.004      | 0.011      |
| Kresoxim-methyl       | PASS      | ND            | 0.400 | 0.003      | 0.009      |
| Malathion             | PASS      | ND            | 0.200 | 0.003      | 0.008      |
| Metalaxyl             | PASS      | ND            | 0.200 | 0.002      | 0.004      |
| Methiocarb            | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Methomyl              | PASS      | ND            | 0.400 | 0.005      | 0.014      |
| Methyl parathion      | PASS      | ND            | 0.200 | 0.005      | 0.016      |
| Myclobutanil          | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Naled                 | PASS      | ND            | 0.500 | 0.004      | 0.012      |
| Oxamyl                | PASS      | ND            | 1.000 | 0.013      | 0.040      |
| Paclobutrazol         | PASS      | ND            | 0.400 | 0.009      | 0.028      |
| Permethrins           | PASS      | ND            | 0.200 | 0.001      | 0.002      |
| Phosmet               | PASS      | ND            | 0.200 | 0.001      | 0.004      |
| Piperonyl Butoxide    | PASS      | ND            | 2.000 | 0.048      | 0.145      |
| Prallethrin           | PASS      | ND            | 0.200 | 0.001      | 0.004      |
| Propiconazole         | PASS      | ND            | 0.400 | 0.004      | 0.011      |
| Propoxur              | PASS      | ND            | 0.200 | 0.002      | 0.005      |
| Pyrethrins            | PASS      | ND            | 1.000 | 0.000      | 0.001      |
| Pyridaben             | PASS      | ND            | 0.200 | 0.001      | 0.004      |
| Spinosad              | PASS      | ND            | 0.200 | 0.000      | 0.001      |
| Spiromesifen          | PASS      | ND            | 0.200 | 0.001      | 0.003      |
| Spirotetramat         | PASS      | ND            | 0.200 | 0.005      | 0.015      |
| Spiroxamine           | PASS      | ND            | 0.400 | 0.002      | 0.006      |
| Tebuconazole          | PASS      | ND            | 0.400 | 0.006      | 0.017      |
| Thiacloprid           | PASS      | ND            | 0.200 | 0.002      | 0.007      |
| Thiamethoxam          | PASS      | ND            | 0.200 | 0.002      | 0.007      |
| Trifloxystrobin       | PASS      | ND            | 0.200 | 0.015      | 0.045      |



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# Regulatory Compliance Testing Certificate of Analysis

## Mycotoxins

PASS

Mycotoxins (LC-MS) - Limit units: ug/kg = ppb | Test ID: #66596

| Analyte      | Pass/Fail | Result (µg/kg) | Limit | LOD (µg/kg) |
|--------------|-----------|----------------|-------|-------------|
| Aflatoxin B1 | PASS      | ND             | 20.0  | 0.679       |
| Aflatoxin B2 | PASS      | ND             | 20.0  | 0.433       |
| Aflatoxin G1 | PASS      | ND             | 20.0  | 0.373       |
| Aflatoxin G2 | PASS      | ND             | 20.0  | 0.632       |
| Ochratoxin A | PASS      | ND             | 20.0  | 0.446       |

## Microbials

PASS

Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration - Limit units: CFU/g

Per MSDH, 30 August 2024, Total Yeast and Mold must be included in Analytes, but will not be used for Pass/Fail until 29 October 2024.

| Analyte               | Results (CFU/g) | Limit (CFU/g)        | Pass/Fail |
|-----------------------|-----------------|----------------------|-----------|
| Aspergillus Fumigatus | ND              | Detectable in 1 gram | Pass      |
| Aspergillus Niger     | ND              | Detectable in 1 gram | Pass      |
| Aspergillus Flavus1   | ND              | Detectable in 1 gram | Pass      |
| Aspergillus Terrus    | ND              | Detectable in 1 gram | Pass      |
| Shiga Toxin E.Coli    | ND              | Detectable in 1 gram | Pass      |
| Salmonella            | ND              | Detectable in 1 gram | Pass      |
| Total Yeast and Mold  | 0               | 10,000 CFU/g         | Pass      |
| Total Coliforms       | 0               | 100 CFU/g            | Pass      |

## Foreign Material

Pass

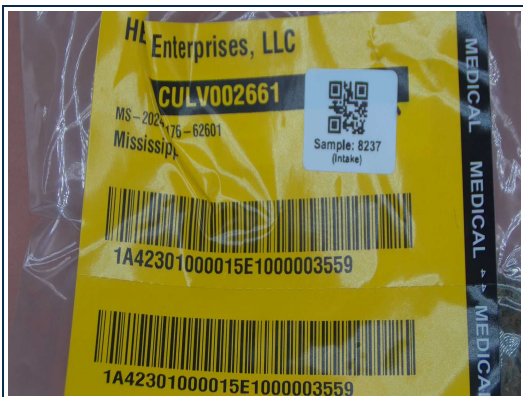
Foreign Matter Inspection

| Analyte        | Pass/Fail |
|----------------|-----------|
| Foreign Matter | Pass      |

I hereby attest that all information contained within this report is complete and accurate, and further that all LQC samples have met required regulatory standards as enacted by the Mississippi Medical Cannabis Program as administered by the Mississippi Department of Health.

*Whitney Morris*

Whitney Morris  
Lab Director  
11/2/2024



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