



2001 Airport Road, Suite 301  
Flowood, Mississippi 39232  
License #: TESL000161  
601-910-3001  
info@ms.steepphill.com

## Regulatory Compliance Testing Certificate of Analysis



**Client Name:** HBZ Enterprises

**Client Address:** 583 Old Highway 49S, Richland, MS  
39018

**License Number:** CULV002661



**Sample Name:** Black Maple

**Sample ID:** MS14786

**METRC ID (LOT#):** 1A42301000015E1000006109

**Batch Number:** 1A42301000015E1000005978

**Sample Matrix:** Flower

**Total Batch Size (#), Units in Batch (count):**

**Total Sample Weight (g), Units Sampled (count):** 10

**Sample Density(g/ml):**

**Servings Per Container (#):**

**Serving Mass (g):**

**Grams per Package:**

**Date Sampled:** 9/30/2025

**Date Received:** 9/30/2025

**Date Reported:** 10/4/2025

## Sample Result: PASS



### Cannabinoids

PASS

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC) | Test ID: #120839

| Analyte | % (Dry) | mg/g (Dry) | %       | mg/g    | LOD (mg/g) | LOQ (mg/g) |
|---------|---------|------------|---------|---------|------------|------------|
| CBC     | 0.0711  | 0.711      | 0.064   | 0.64    | 0.0214     | 0.0645     |
| CBD     | ND      | ND         | ND      | ND      | 0.0314     | 0.0951     |
| CBDA    | 0.1021  | 1.021      | 0.0919  | 0.919   | 0.0349     | 0.1051     |
| CBDV    | ND      | ND         | ND      | ND      | 0.0388     | 0.1182     |
| CBG     | 0.0617  | 0.617      | 0.0555  | 0.555   | 0.0318     | 0.0968     |
| CBGA    | 0.8232  | 8.232      | 0.7406  | 7.406   | 0.0336     | 0.1016     |
| CBN     | ND      | ND         | ND      | ND      | 0.0305     | 0.0920     |
| d8-THC  | ND      | ND         | ND      | ND      | 0.0249     | 0.0754     |
| d9-THC  | 1.1486  | 11.486     | 1.0334  | 10.334  | 0.0253     | 0.0763     |
| THCA    | 32.3492 | 323.492    | 29.1046 | 291.046 | 0.0262     | 0.0785     |
| THCV    | ND      | ND         | ND      | ND      | 0.0310     | 0.0933     |

### Total Cannabinoids

|                     | % (Dry) | mg/g (Dry) |
|---------------------|---------|------------|
| Total THC:          | 29.5    | 295.188    |
| Total CBD:          | 0.090   | 0.895      |
| Total Cannabinoids: | 30.463  | 304.631    |

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



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### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS) | Test ID: #120843

| Analyte             | %      | mg/g   | LOD (mg/g) | LOQ (mg/g) |
|---------------------|--------|--------|------------|------------|
| Limonene            | 0.64   | 6.4    | 0.003      | 0.009      |
| trans-Caryophyllene | 0.389  | 3.89   | 0.007      | 0.022      |
| Linalool            | 0.3606 | 3.606  | 0.004      | 0.011      |
| Myrcene             | 0.1707 | 1.707  | 0.003      | 0.009      |
| a-Humulene          | 0.1505 | 1.505  | 0.004      | 0.011      |
| a-Bisabolol         | 0.0784 | 0.784  | 0.009      | 0.026      |
| beta-Pinene         | 0.0728 | 0.728  | 0.003      | 0.010      |
| trans-Nerolidol     | 0.0692 | 0.692  | 0.004      | 0.011      |
| a-Pinene            | 0.0471 | 0.471  | 0.002      | 0.005      |
| Geraniol            | 0.0247 | 0.247  | 0.011      | 0.033      |
| Camphene            | 0.0187 | 0.187  | 0.005      | 0.014      |
| a-Terpinolene       | 0.0118 | 0.118  | 0.002      | 0.005      |
| trans-Ocimene       | 0.0061 | 0.061  | 0.005      | 0.016      |
| gamma-terpinene     | 0.0047 | 0.047  | 0.003      | 0.008      |
| Cineole             | 0.0039 | 0.039  | 0.004      | 0.012      |
| cis-Ocimene         | 0.003  | 0.03   | 0.003      | 0.008      |
| alpha-Terpinene     | 0.0026 | 0.026  | 0.001      | 0.004      |
| 3-Carene            | ND     | ND     | 0.003      | 0.008      |
| Isopulegol          | ND     | ND     | 0.008      | 0.024      |
| cis-Nerolidol       | ND     | ND     | 0.004      | 0.011      |
| Carophyllene Oxide  | ND     | ND     | 0.011      | 0.034      |
| Guaiol              | ND     | ND     | 0.007      | 0.020      |
| Total Terpenes      | 2.0538 | 20.538 |            |            |

### Moisture

PASS

Water Activity and Moisture Content Analysis | Test ID: #120841

| Analyte             | Result | Limit | Pass/Fail |
|---------------------|--------|-------|-----------|
| Moisture (%)        | 10.03  | 15    | PASS      |
| Water Activity (Aw) | 0.51   | 0.65  | PASS      |

### Heavy Metals

PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS) - Limit units: µg/kg | Test ID: #120840

| 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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### Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS) - Limit units: ug/g = ppm | Test ID: #120844

| 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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### Mycotoxins

PASS

Mycotoxins (LC-MS) - Limit units: ug/kg = ppb | Test ID: #120842

| 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

| 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

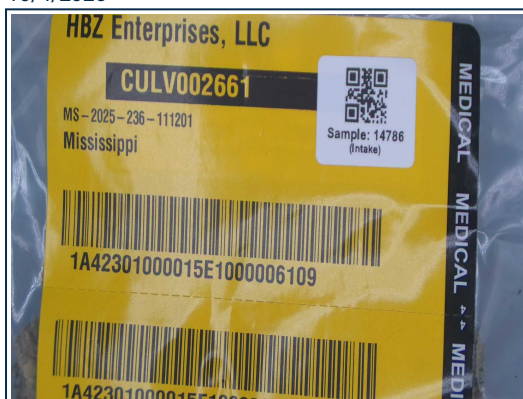
Foreign Matter Inspection

| 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  
10/4/2025



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