



## LAB REPORT

Sample: Midwest Strain - C  
Type: Hemp

Received: 10/14/2019  
Moisture: 14.0%

Lab ID/Sample Report ID: 20191014STFH

### Potency Test Results- WI-001 HPLC-UV

Analysis Date: 10/15/2019

| ANALYTE           | WEIGHT %      | CONCENTRATION (mg/g) |
|-------------------|---------------|----------------------|
| CBD               | 0.52%         | 5.20                 |
| CBG               | <0.10%        | <1.00                |
| CBD-A             | 15.31%        | 153.10               |
| CBN               | <0.10%        | <1.00                |
| Delta 9 THC (THC) | 0.11%         | 1.10                 |
| Delta 8 THC       | <0.10%        | <1.00                |
| CBC               | <0.10%        | <1.00                |
| THC-A             | 0.31%         | 3.10                 |
| THC-V             | <0.10%        | <1.00                |
| <b>TOTAL</b>      | <b>16.65%</b> | <b>166.50</b>        |

### Terpene Test Results - GCMS

Analysis Date: N/A

| ANALYTE            | CONCENTRATION (ug/g) | ANALYTE                  | CONCENTRATION (ug/g) |
|--------------------|----------------------|--------------------------|----------------------|
| Alpha-Pinene       | 492.70               | Linalool                 | 431.64               |
| Camphene           | N.D.                 | Fenchyl Alcohol          | 326.04               |
| Sabinene           | N.D.                 | Borneol                  | N.D.                 |
| Beta-Pinene        | 532.23               | Alpha Terpineol (Isomer) | 522.65               |
| Beta-Myrcene       | 11006.89             | Gamma Terpineol (Isomer) | N.D.                 |
| Alpha-Phellandrene | N.D.                 | Beta-Caryophyllene       | 9328.31              |
| Delta-3-Carene     | N.D.                 | Elemene                  | 2437.37              |
| Alpha-Terpinene    | N.D.                 | Alpha-Humulene           | 3431.87              |
| P-Cymene           | N.D.                 | Valencene                | N.D.                 |
| Limonene           | 2873.87              | Cis-Nerolidol            | N.D.                 |
| Eucalyptol         | N.D.                 | Trans Nerolidol          | 778.61               |
| Ocimene            | 648.61               | Caryophyllene Oxide      | 336.81               |
| Gamma-Terpinene    | N.D.                 | Guaiol                   | 333.77               |
| Sabinene Hydrate   | N.D.                 | Alpha-Bisabolol          | 9080.93              |
| Terpinolene        | N.D.                 |                          |                      |
| Fenchone           | N.D.                 |                          |                      |
|                    |                      | <b>Total Terpenes</b>    | <b>42562.30</b>      |

### MICROBIOLOGICAL TESTS- WI-010,WI-008, WI-005 3M

Analysis Date: N/A

Total Viable Aerobic Bacteria 10<sup>4</sup>  
 Total Yeast And Mold 10<sup>3</sup>  
 Total Coliform 10<sup>2</sup>  
 Bile-Tolerant Gram Negative Bacteria 10<sup>2</sup>  
 E-coli (Pathogenic Strains)- no detection in 1 gram  
 Salmonella- no detection in 1 gram

### MYCOTOXIN TESTS- WI-003 Alisa (<20 ug/kg of substance)

Analysis Date: N/A

Aflatoxin B1  
 Aflatoxin B2  
 Aflatoxin G1  
 Aflatoxin G2  
 Ochratoxin A

### PESTICIDE RESIDUE TEST- WI-002 GC/MS (Qualitative)

Analysis Date: N/A

### RESIDUAL SOLVENT TEST- WI-004 GC-FID (<10PPM)

Analysis Date: N/A

### VISUAL INSPECTION

**PASS**

Analysis Date: 10/14/2019

N.D. = Non-Detected Values are below the method detection limit

\* = Value reported is between the calculated reporting limit (0.2% or 2 mg/g) and the calculated method detection limit (0.10% or 1.0 mg/g)

MDL= Method Detection Limit (0.1% or 1.0 mg/g)

N.D. = Terpene Levels below 100 ug/g

PASS/FAIL = Illinois Register - Illinois Department of Agriculture - Compassionate use of Medical Cannabis Pilot Program

### Lab Information

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Signature: Lindsay Keith  
 Lindsay Keith, Lab Manager