



**Certificate of Analysis**  
Compliance Test

Client Information:

**THD**  
114 EASTBEND CT  
STE 1  
MOORESVILLE, NC 28117

Batch # 040424  
Batch Date: 2024-04-04  
Extracted From: Hemp

Test Reg State: Florida

Order # THD240404-120001  
Order Date: 2024-04-04  
Sample # AAFL617

Sampling Date: 2024-04-05  
Lab Batch Date: 2024-04-05  
Completion Date: 2024-04-10

Initial Gross Weight: 82.949 g  
Density: 0.945 g/ml  
Volume: 30 ml



Product Image



**Potency 10 - (LCMS)**  
Specimen Weight: 101.400 mg

**Tested**  
SOP13.030 (LCMS)

Pieces For Panel: 1

| Analyte          | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/ml) | (%)   |
|------------------|----------------|---------|---------|----------------|-------|
| CBD              | 10.000         | 3.37E-7 | 7.5E-5  | 33.340         | 3.528 |
| CBC              | 10.000         | 1.94E-6 | 7.5E-5  | 0.694          | 0.073 |
| Delta-9 THC      | 10.000         | 2.98E-5 | 7.5E-5  | 0.385          | 0.041 |
| CBG              | 10.000         | 4.00E-7 | 7.5E-5  | 0.243          | 0.026 |
| CBDA             | 10.000         | 7.78E-8 | 7.5E-5  | 0.195          | 0.021 |
| CBN              | 10.000         | 1.25E-6 | 7.5E-5  | 0.117          | 0.012 |
| CBGA             | 10.000         | 4.71E-8 | 7.5E-5  | 0.081          | 0.009 |
| CBDV             | 10.000         | 9.80E-8 | 7.5E-5  | 0.030          | 0.003 |
| THCA-A           | 10.000         | 1.51E-7 | 7.5E-5  | <LOQ           | <LOQ  |
| THCV             | 10.000         | 1.24E-6 | 7.5E-5  | <LOQ           | <LOQ  |
| Total Active CBD | 10.000         |         |         | 35.461         | 3.546 |
| Total Active THC | 10.000         |         |         | 0.407          | 0.041 |

**Potency Summary**

|   |   |
|---|---|
| <b>Total Active THC</b><br>0.041% 11.624 mg   | <b>Total Active CBD</b><br>3.546% 1005.291 mg   |
| <b>Total CBG</b><br>0.033% 9.356 mg           | <b>Total CBN</b><br>0.012% 3.402 mg             |
| <b>Other Cannabinoids</b><br>0.081% 22.963 mg | <b>Total Cannabinoids</b><br>3.713% 1052.636 mg |

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling.  
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