



**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 # AAFL621

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

Initial Gross Weight: 77.863 g  
Density: 0.9235 g/ml  
Volume: 30 ml



**Potency Tested**

Product Image

**Potency 10 - (LCMS)**  
Specimen Weight: 100.500 mg

**Tested**  
SOP13.030 (LCMS)

**Potency Summary**

<b>0.014%</b>	<b>Total Active THC</b> 3.879 mg	<b>18.117%</b>	<b>Total Active CBD</b> 5019.315 mg
-	<b>Total CBG</b> None Detected	-	<b>Total CBN</b> None Detected
<b>0.02%</b>	<b>Other Cannabinoids</b> 5.541 mg	<b>18.151%</b>	<b>Total Cannabinoids</b> 5028.735 mg

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	3.37E-7	7.5E-5	167.310	18.117
Delta-9 THC	10.000	2.98E-5	7.5E-5	0.126	0.014
CBC	10.000	1.94E-6	7.5E-5	0.109	0.012
CBDV	10.000	9.80E-8	7.5E-5	0.078	0.008
CBDA	10.000	7.78E-8	7.5E-5	<LOQ	<LOQ
CBG	10.000	4.00E-7	7.5E-5	<LOQ	<LOQ
CBGA	10.000	4.71E-8	7.5E-5	<LOQ	<LOQ
CBN	10.000	1.25E-6	7.5E-5	<LOQ	<LOQ
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			181.170	18.117
Total Active THC	10.000			0.137	0.014

Aixia Sun Lab Director/Principal Scientist  
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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 THCV = 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 = Delta8-THC + Delta9-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. This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

