



**Certificate of Analysis**  
Compliance Test

**Client Information:**

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

Batch # 302141SA  
Batch Date: 2024-03-22  
Extracted From: Hemp

Test Reg State: Florida

Order # THD240322-030001  
Order Date: 2024-03-22  
Sample # AAE426

Sampling Date: 2024-03-31  
Lab Batch Date: 2024-03-31  
Completion Date: 2024-04-04

Initial Gross Weight: 30.495 g  
Net Weight: 26.795 g

Number of Units: 1  
Net Weight per Unit: 5359.000 mg  
Sampling Method: MSP 7.3.1



Product Image

**Potency**  
Tested

**Terpenes**  
Tested

**Heavy Metals**  
Passed

**Mycotoxins**  
Passed

**Pesticides**  
Passed

**Residual Solvents**  
Passed

**Pathogenic Microbiology**  
Passed

**Listeria Monocytogenes**  
Passed

**Potency 10**  
Specimen Weight: 1523.800 mg

**Tested**  
SOP13.001 (LCUV)

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-9 THC	100.000	1.30E-5	0.0015	3.0700	0.3070
CBG	100.000	2.48E-4	0.0015	1.3600	0.1360
CBN	100.000	1.40E-5	0.0015	1.3400	0.1340
CBC	100.000	1.80E-5	0.0015	0.5000	0.0500
THCV	100.000	7.00E-6	0.0015	0.3200	0.0320
CBD	100.000	5.40E-5	0.0015	0.0400	0.0040
CBDA	100.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	100.000	6.50E-5	0.0015	<LOQ	<LOQ
CBGA	100.000	8.00E-5	0.0015	<LOQ	<LOQ
THCA-A	100.000	3.20E-5	0.0015	<LOQ	<LOQ
Total Active CBD	100.000			0.040	0.004
Total Active THC	100.000			3.070	0.307

**Potency Summary**

<b>Total Active THC</b> 0.307% 16.450mg	<b>Total Active CBD</b> 0.004% 0.210mg
<b>Total CBG</b> 0.136% 7.290mg	<b>Total CBN</b> 0.134% 7.180mg
<b>Other Cannabinoids</b> 0.082% 4.390mg	<b>Total Cannabinoids</b> 0.663% 35.530mg

**Terpenes Summary**

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	0.035	0.003%
<b>Total Terpenes: 0.003%</b>		

**Mycotoxins**  
Specimen Weight: 268.600 mg

Dilution Factor: 5.580

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

**Passed**  
SOP13.007 (LCMS)

**Pathogenic Microbiology SAE (MicroArray)**

Specimen Weight: 1013.500 mg

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

**Passed**  
SOP13.019 (Micro Array)

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 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 (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Passed = Analyte/microbe is non-detected or at the level below the action limit, Failed = Analyte/microbe is at the level that equal or above the action limit, \*Measurement of Uncertainty = +/- 10%

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