



Certificate of Analysis
Compliance Test

Client Information:

THD
114 EASTBEND CT
STE 1
MOORESVILLE, NC 28117

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

Test Reg State: Florida

Order # THD240322-030001
Order Date: 2024-03-22
Sample # AAEG425

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

Initial Gross Weight: 30.804 g
Net Weight: 27.104 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: 1535.600 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	2.9600	0.2960
CBN	100.000	1.40E-5	0.0015	1.3700	0.1370
CBG	100.000	2.48E-4	0.0015	1.3300	0.1330
CBC	100.000	1.80E-5	0.0015	0.4800	0.0480
THCV	100.000	7.00E-6	0.0015	0.3200	0.0320
CBD	100.000	5.40E-5	0.0015	0.0300	0.0030
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			0.030	0.003
Total Active THC	100.000			2.960	0.296

Potency Summary

Total Active THC 0.296% 15.860mg	Total Active CBD 0.003% 0.160mg
Total CBG 0.133% 7.130mg	Total CBN 0.137% 7.340mg
Other Cannabinoids 0.080% 4.290mg	Total Cannabinoids 0.649% 34.780mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	2.783	0.278%
Linalool	0.054	0.005%
beta-Myrcene	0.03	0.003%

Total Terpenes: 0.286%

Heavy Metals
Specimen Weight: 246.750 mg

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Passed

SOP13.048 (ICP-MS)

Listeria Monocytogenes
Specimen Weight: 1003.700 mg

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Passed

SOP13.032 (qPCR)

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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%

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.