



Certificate of Analysis
Compliance Test

Client Information:

THD
114 EASTBEND CT
STE 1
MOORESVILLE, NC 28117

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

Test Reg State: Florida

Order # THD240322-030001
Order Date: 2024-03-22
Sample # AAE424

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

Initial Gross Weight: 30.585 g
Net Weight: 26.885 g

Number of Units: 1
Net Weight per Unit: 5377.000 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: 1530.400 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	3.0100	0.3010
CBN	100.000	1.40E-5	0.0015	1.3300	0.1330
CBG	100.000	2.48E-4	0.0015	1.3200	0.1320
CBC	100.000	1.80E-5	0.0015	0.4700	0.0470
THCV	100.000	7.00E-6	0.0015	0.3100	0.0310
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			3.010	0.301

Potency Summary

Total Active THC 0.301% 16.180mg	Total Active CBD 0.003% 0.160mg
Total CBG 0.132% 7.100mg	Total CBN 0.133% 7.150mg
Other Cannabinoids 0.078% 4.190mg	Total Cannabinoids 0.647% 34.790mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	0.613	0.061%
beta-Pinene	0.076	0.008%
Gamma-Terpinene	0.076	0.008%
Borneol	0.07	0.007%

Total Terpenes: 0.084%

Listeria Monocytogenes
Specimen Weight: 995.600 mg

Passed
SOP13.032
(qPCR)

Dilution Factor: 1.000

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

Aixia Sun
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 + (CBGA * 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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