



Certificate of Analysis
Compliance Test

Client Information:

Cornell Urban Agriculture
1101 Stinson Blvd
Suite 9
Minneapolis, MN 55413

Batch # OS21524
Batch Date: 2024-02-15
Extracted From: HEMP

Test Reg State: Florida

Production Facility: CORNELL URBAN AGRICULTURE
Production Date: 2024-02-15

Order # COR240215-100001
Order Date: 2024-02-15
Sample # AAFH767

Sampling Date: 2024-02-16
Lab Batch Date: 2024-02-16
Completion Date: 2024-02-22

Initial Gross Weight: 11.987 g
Net Weight: 7.287 g

Number of Units: 1
Net Weight per Unit: 7287.000 mg



Product Image



Potency
Tested



Terpenes
Tested

Potency 25 (LCUV)
Specimen Weight: 207.450 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	SOP13.001 (LCUV) (%)
CBDA	15.000	1.00E-5	0.0125	220.8500	22.0850
CBCA	150.000	1.07E-4	0.0125	9.5920	0.9592
CBD	15.000	5.40E-5	0.0125	9.5400	0.9540
CBGA	15.000	8.00E-5	0.0125	8.5200	0.8520
THCA-A	15.000	3.20E-5	0.0125	8.4100	0.8410
CBG	15.000	2.48E-4	0.0125	1.9300	0.1930
Delta-9 THC	15.000	1.30E-5	0.0125	1.1500	0.1150
CBC	15.000	1.80E-5	0.0125	0.8200	0.0820
CBNA	15.000	9.50E-5	0.0125	0.7427	0.0743
CBDVA	15.000	1.40E-5	0.0125	0.6366	0.0637
THCVA	15.000	4.70E-5	0.0125	0.4530	0.0453
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBL	15.000	3.50E-5	0.0125	<LOQ	<LOQ
CBN	15.000	1.40E-5	0.0125	<LOQ	<LOQ
CBT	15.000	2.00E-4	0.0125	<LOQ	<LOQ
Delta-8 THC	15.000	2.60E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-8 THCV	15.000	4.00E-5	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Delta8-THCP *	15.000	3.75E-4	0.0125	<LOQ	<LOQ
Delta9-THCP *	15.000	1.17E-5	0.01	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
THCB *	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH *	15.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			203.225	20.323
Total Active THC	15.000			8.526	0.853

Tested

Potency Summary

Total Active THC 0.853% 62.126 mg	Total Active CBD 20.323% 1,480.904 mg
Total CBG 0.940% 68.498 mg	Total CBN 0.065% 4.737 mg
Other Cannabinoids 4.084% <LOQ	Total Cannabinoids 26.264% 1,913.858 mg
Total CBDA 22.085% 1609.334 mg	

Sample was oven dried before potency testing.
Summary results above show the dry weight concentration

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	2.12	0.212%
trans-Caryophyllene	0.82	0.082%
alpha-Humulene	0.5	0.05%
beta-Pinene	0.41	0.041%
(R)-(+)-Limonene	0.39	0.039%
Linalool	0.36	0.036%
Fenchyl Alcohol	0.34	0.034%
Valencene	0.34	0.034%

Total Terpenes: 0.528%

Detailed Terpenes Analysis is on the following page

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 + (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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Terpenes
Specimen Weight: 207.450 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	2.120	0.212	cis-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	0.820	0.082	Eucalyptol	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	0.500	0.050	Farnesene	0.002	<LOQ	<LOQ
beta-Pinene	0.002	0.410	0.041	Fenchone	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	0.390	0.039	Gamma-Terpinene	0.002	<LOQ	<LOQ
Linalool	0.002	0.360	0.036	Geraniol	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	0.340	0.034	Geranyl acetate	0.002	<LOQ	<LOQ
Valencene	0.002	0.340	0.034	Guaiol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Hexahydrothymol	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	<LOQ	<LOQ	Ocimene	0.00033	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Total Terpeneol	0.00126	<LOQ	<LOQ
Caryophyllene oxide	0.002	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ

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

Definitions are found on page 1

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