



Certificate of Analysis
Compliance Test

Client Information:

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

Batch # SM21524
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 # AAFH761

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

Initial Gross Weight: 11.827 g
Net Weight: 6.927 g

Number of Units: 1
Net Weight per Unit: 6927.000 mg



Product Image



Potency
Tested



Terpenes
Tested

Potency 25 (LCUV)
Specimen Weight: 207.510 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	SOP13.001 (LCUV) (%)
CBDA	15.000	1.00E-5	0.0125	153.1000	15.3100
CBD	15.000	5.40E-5	0.0125	7.0400	0.7040
CBCA	15.000	1.07E-4	0.0125	7.0030	0.7003
THCA-A	15.000	3.20E-5	0.0125	6.0500	0.6050
CBGA	15.000	8.00E-5	0.0125	4.6100	0.4610
CBG	15.000	2.48E-4	0.0125	1.1300	0.1130
Delta-9 THC	15.000	1.30E-5	0.0125	0.8500	0.0850
CBC	15.000	1.80E-5	0.0125	0.6000	0.0600
CBNA	15.000	9.50E-5	0.0125	0.5695	0.0570
CBDVA	15.000	1.40E-5	0.0125	0.4099	0.0410
THCVA	15.000	4.70E-5	0.0125	0.1805	0.0181
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			141.309	14.131
Total Active THC	15.000			6.156	0.616

Tested

SOP13.001 (LCUV)

Potency Summary

Total Active THC 0.616% 42.642 mg	Total Active CBD 14.131% 978.845 mg
Total CBG 0.517% 35.813 mg	Total CBN 0.050% 3.464 mg
Other Cannabinoids 2.841% <LOQ	Total Cannabinoids 18.154% 1,257.528 mg
Total CBDA 15.31% 1060.524 mg	

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

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	2.3	0.23%
trans-Caryophyllene	1.64	0.164%
Caryophyllene oxide	0.53	0.053%
alpha-Humulene	0.46	0.046%
beta-Pinene	0.39	0.039%
Valencene	0.33	0.033%

Total Terpenes: 0.565%

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: 207.510 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	2.300	0.230	Farnesene	0.002	<LOQ	
trans-Caryophyllene	0.002	1.640	0.164	Fenchone	0.002	<LOQ	
Caryophyllene oxide	0.002	0.530	0.053	Fenchyl Alcohol	0.002	<LOQ	
alpha-Humulene	0.002	0.460	0.046	Gamma-Terpinene	0.002	<LOQ	
beta-Pinene	0.002	0.390	0.039	Geraniol	0.002	<LOQ	
Valencene	0.002	0.330	0.033	Geranyl acetate	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Guaiol	0.002	<LOQ	
(R)-(+)-Limonene	0.002	<LOQ		Hexahydrothymol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Isoborneol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Isopulegol	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ		Linalool	0.002	<LOQ	
alpha-Pinene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Ocimene	0.00033	<LOQ	
beta-Myrcene	0.002	<LOQ		Pulegone	0.002	<LOQ	
Borneol	0.004	<LOQ		Sabinene	0.002	<LOQ	
Camphene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Camphors	0.006	<LOQ		Terpinolene	0.002	<LOQ	
cis-Nerolidol	0.002	<LOQ		Total Terpeneol	0.00126	<LOQ	
Eucalyptol	0.002	<LOQ		trans-Nerolidol	0.002	<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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