



Certificate of Analysis

Compliance Test

Client Information:

Leafy8
368 Wilshire Blvd.
Casselberry, Florida 32707

Batch # hhc46822
Batch Date: 2025-06-02
Extracted From: Hemp

Test Reg State: Florida

Order # LEA250626-100001
Order Date: 2025-06-26
Sample # AAGW078

Sampling Date: 2025-07-03
Lab Batch Date: 2025-07-03
Completion Date: 2025-07-08

Initial Gross Weight: 124.165 g

Number of Units: 2
Net Weight per Unit: 1000.000 mg
Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**HHC Metals
Passed**



**HHCP
Tested**



**Terpenes
Tested**



**2 3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Pathogenic
Passed**



**Microbiology (qPCR)
Passed**



**Vitamin E
Passed**



Potency 25 (LCUV)

Specimen Weight: 101.200 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBN	10.000	1.40E-5	0.015	19.8800	1.9880
CBNA	10.000	9.50E-5	0.015	0.5163	0.0516
CBT	10.000	2.00E-4	0.015	0.5004	0.0500
Delta-8 THC	10.000	2.60E-5	0.015	0.4100	0.0410
THCB	10.000	1.80E-4	0.0163	0.1964	0.0196
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.015	<LOQ	<LOQ
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-8 THCV	10.000	4.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Delta8-THCP	10.000	3.75E-4	0.015	<LOQ	<LOQ
Delta9-THCP	10.000	1.17E-5	0.012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCH	10.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ



Potency Summary

Total HHC 69.800%	698.000 mg	-	Total Active THC None Detected
Total Active CBD None Detected	-	-	Total CBG None Detected
Total CBN 2.033%	20.330 mg	71.950%	Total Cannabinoids 719.500 mg



Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	5.756	0.576%
trans-Caryophyllene	4.17	0.417%
alpha-Humulene	1.694	0.169%
Linalool	1.267	0.127%
alpha-Pinene	0.716	0.072%
beta-Pinene	0.544	0.054%
beta-Myrcene	0.411	0.041%
Fenchyl Alcohol	0.339	0.034%
Ocimene	0.112	0.011%

Total Terpenes: 1.501%

Detailed Terpenes Analysis is on the following page

Aixa 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 * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (µg/g) = (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 Client supplied the net weight of mg The results apply to the sample as received.
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Initial Gross Weight: 124.165 g

Number of Units: 2
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Sampling Method: MSP 7.3.1



Terpenes

Specimen Weight: 123.800 mg

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	5.756	0.576
trans-Caryophyllene	0.002	4.170	0.417
alpha-Humulene	0.002	1.694	0.169
Linalool	0.002	1.267	0.127
alpha-Pinene	0.002	0.716	0.072
beta-Pinene	0.002	0.544	0.054
beta-Myrcene	0.002	0.411	0.041
Fenchyl Alcohol	0.002	0.339	0.034
Ocimene	0.00033	0.112	0.011
(+)-Cedrol	0.002	<LOQ	
3-Carene	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ	
Borneol	0.004	<LOQ	
Camphene	0.002	<LOQ	
Camphors	0.006	<LOQ	
Caryophyllene oxide	0.002	<LOQ	

Analyte	LOQ (%)	Result (mg/g)	(%)
cis-Nerolidol	0.002	<LOQ	
Eucalyptol	0.002	<LOQ	
Farnesene	0.002	<LOQ	
Fenchone	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ	
Geraniol	0.002	<LOQ	
Geranyl acetate	0.002	<LOQ	
Guaiol	0.002	<LOQ	
Hexahydrothymol	0.002	<LOQ	
Isoborneol	0.002	<LOQ	
Isopulegol	0.002	<LOQ	
Nerol	0.002	<LOQ	
Pulegone	0.002	<LOQ	
Sabinene	0.002	<LOQ	
Sabinene Hydrate	0.002	<LOQ	
Terpinolene	0.002	<LOQ	
Total Terpeneol	0.00126	<LOQ	
trans-Nerolidol	0.002	<LOQ	
Valencene	0.002	<LOQ	

Tested

SOP13.045 (GC-MS/GC (Liquid Injection))



2,3-butanedione(Diacetyl)

Specimen Weight: 15.400 mg

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	.024	0.024	<LOQ

Passed

SOP13.039 (GCMS-HS)



Total Yeast and Mold

Specimen Weight: 502.600 mg

Dilution Factor: 8.000

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	<LOQ
Prep. By: 1179	Date: 2025-07-04 13:17:00	Analyzed By: 1179	Date: 2025-07-04 13:17:00
Reviewed By: 1225	Date: 2025-07-05 10:52:47	Lab Batch #: AAGW078-434	Date: 2025-07-05 10:52:47

Passed

SOP13.017 (qPCR)

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

Definitions are found on page 1

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Sampling Method: MSP 7.3.1

Pathogenic SAE (qPCR)
Specimen Weight: 1036.700 mg

Passed
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

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E Vitamin E (Tocopheryl Acetate)
Specimen Weight: 597.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	.705	500	500	<LOQ

Mycotoxins
Specimen Weight: 597.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.510

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					

H HHC Metals
Specimen Weight: 248.700 mg

Passed
SOP13.051 (ICP-3; icp-1)

Dilution Factor: 201.045

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

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Sampling Method: MSP 7.3.1

HHCP

Specimen Weight: 101.200 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	388.0000	38.8 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	310.0000	31 Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ Delta-9 THC	2.8000E-4	0.075	<LOQ	<LOQ
1(R)-H4-CBD	7.330000E-7	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	1.600000E-4	0.075	<LOQ	<LOQ
1(S)-H4-CBD	6.630000E-7	0.15	<LOQ	<LOQ H2-CBD	1.440000E-7	0.075	<LOQ	<LOQ
9(R)-HHCP	3.0900E-5	0.075	<LOQ	<LOQ Total HHC	0.075	698.0000	69.8	
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

Residual Solvents - FL (CBD)

Specimen Weight: 15.400 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	2	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

Aixia Sun

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Pesticides
Specimen Weight: 597.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.510

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metalaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	MGK-264	5.8500E-1	10	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlormequat Chloride	1.0800E-1	10	1000	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Flonicamid	5.1700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ

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