



Certificate of Analysis

Compliance Test

Client Information:

Leafy8

7414 University Blvd, Suite 104
Winter Park, FL 32792

Batch # 061625
Batch Date: 2025-06-16
Extracted From: CBD

Test Reg State: Florida

Order # 250616-010001
Order Date: 2025-06-16
Sample # AAGV109
Statement of Amendment: Report format; Updated Order Number

Sampling Date: 2025-06-18
Lab Batch Date: 2025-06-18
Orig. Completion Date: 2025-06-25
Initial Gross Weight: 28.632 g



Product Image



Potency
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Water Activity
Tested



Pathogenic
Passed



Microbiology (qPCR)
Passed



Potency 25 (LCUV)
Specimen Weight: 207.340 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15.000	2.60E-5	0.0125	105.1100	10.5110
CBGA	15.000	8.00E-5	0.0125	84.6400	8.4640
Delta-9-THCP	15.000	1.17E-5	0.01	70.6800	7.0680
CBD	15.000	5.40E-5	0.0125	66.8800	6.6880
CBG	15.000	2.48E-4	0.0125	3.0300	0.3030
Delta-8-THCP	15.000	3.75E-4	0.0125	2.1400	0.2140
Delta-8-THCV	15.000	4.00E-5	0.0125	1.1600	0.1160
THCH	15.000	3.50E-4	0.0163	1.0300	0.1030
CBC	15.000	1.80E-5	0.0125	1.0200	0.1020
CBN	15.000	1.40E-5	0.0125	0.9900	0.0990
CBNA	15.000	9.50E-5	0.0125	0.9300	0.0930
THCA-A	15.000	3.20E-5	0.0125	0.7600	0.0760
CBT	15.000	2.00E-4	0.0125	0.5900	0.0590
THCVA	15.000	4.70E-5	0.0125	0.3900	0.0390
CBL	15.000	3.50E-5	0.0125	0.1400	0.0140
CBCA	15.000	1.07E-4	0.0125	<LOQ	<LOQ
CBDA	15.000	1.00E-5	0.0125	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBDVA	15.000	1.40E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-9 THC	15.000	1.30E-5	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
THCB	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			66.880	6.688
Total Active THC	15.000			0.667	10.511



Potency Summary

Total Active THC
0.067%

Total Active CBD
6.688%

Total CBG
7.734%

Total CBN
0.180%

Total Cannabinoids
33.846%

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 + (CBDV * 0.877) + (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 = Delta-8-THCP + Delta-9-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, (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 Client supplied the net weight of mg The results apply to the sample as received. Revised report- see statement of amendment above.

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. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.



Certificate of Analysis

Compliance Test

Client Information:

Leafy8

7414 University Blvd, Suite 104
Winter Park, FL 32792

Batch # 061625

Batch Date: 2025-06-16

Extracted From: CBD

Test Reg State: Florida

Order # 250616-010001

Order Date: 2025-06-16

Sample # AAGV109

Sampling Date: 2025-06-18

Lab Batch Date: 2025-06-18

Orig. Completion Date: 2025-06-25

Initial Gross Weight: 28.632 g



Water Activity

Specimen Weight: 0.500 g

Dilution Factor: 1.000

Tested

SOP13.016 (Water
Activity Analyzer)

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.505



Total Yeast and Mold

Specimen Weight: 1029.100 mg

Dilution Factor: 20.000

Passed

SOP13.017
(qPCR)

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	<LOQ

Prep. By: 1161 Date: 2025-06-18 10:30:29 Analyzed By: 1161 Date: 2025-06-18 10:30:29

Reviewed By: 1161 Date: 2025-06-19 11:45:48 Lab Batch #: AAGV109-435 Date: 2025-06-19 11:45:48



Pathogenic SAE (qPCR)

Specimen Weight: 1043.900 mg

Dilution Factor: 1.000

Passed

SOP13.029 (qPCR)

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			

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



Definitions are found on page 1

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. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.



Certificate of Analysis

Compliance Test

Client Information:

Leafy8

7414 University Blvd, Suite 104
Winter Park, FL 32792

Order # 250616-010001

Order Date: 2025-06-16

Sample # AAGV109

Batch # 061625

Batch Date: 2025-06-16

Extracted From: CBD

Test Reg State: Florida

Sampling Date: 2025-06-18

Lab Batch Date: 2025-06-18

Orig. Completion Date: 2025-06-25

Initial Gross Weight: 28.632 g



Heavy Metals

Specimen Weight: 252.300 mg

Dilution Factor: 198

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ

Passed

SOP13.048 (ICP-MS)



Mycotoxins

Specimen Weight: 592.200 mg

Dilution Factor: 2.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

Passed

SOP13.007
(LCMS/GCMS)



Residual Solvents - FL (CBD)

Specimen Weight: 15.000 mg

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	0.009	0.16	8	<LOQ	Heptane	0.001	1.39	5000	21.0
1,2-Dichloroethane	0.000	0.04	2	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.005	1.39	500	36.1
Acetonitrile	0.060	1.17	410	<LOQ	Methanol	0.001	0.69	3000	10.2
Benzene	0.000	0.02	2	<LOQ	Methylene chloride	0.003	2.43	600	<LOQ
Butanes	0.417	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.000	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.002	2.78	5000	<LOQ	Toluene	0.001	2.92	890	<LOQ
Ethyl Acetate	0.001	1.11	5000	<LOQ	Total Xylenes	0.000	2.92	2170	<LOQ
Ethyl Ether	0.005	1.39	5000	<LOQ	Trichloroethylene	0.001	0.49	80	<LOQ
Ethylene Oxide	0.004	0.1	5	<LOQ					

Passed

SOP13.039 (GCMS-HS)

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



Definitions are found on page 1

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. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.



Certificate of Analysis

Compliance Test

Client Information:

Leafy8

7414 University Blvd, Suite 104
Winter Park, FL 32792

Batch # 061625

Batch Date: 2025-06-16

Extracted From: CBD

Test Reg State: Florida

Order # 250616-010001

Order Date: 2025-06-16

Sample # AAGV109

Sampling Date: 2025-06-18

Lab Batch Date: 2025-06-18

Orig. Completion Date: 2025-06-25

Initial Gross Weight: 28.632 g



Pesticides

Specimen Weight: 592.200 mg

Dilution Factor: 2.530

Passed

SOP13.007 (LCMS/GCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.288	28.23	100	<LOQ	Fludioxonil	1.740	48	100	<LOQ
Acephate	0.023	30	100	<LOQ	Hexythiazox	0.049	30	100	<LOQ
Acequinocyl	9.564	48	100	<LOQ	Imazalil	0.248	30	100	<LOQ
Acetamiprid	0.052	30	100	<LOQ	Imidacloprid	0.094	30	400	<LOQ
Aldicarb	0.026	30	100	<LOQ	Kresoxim Methyl	0.042	30	100	<LOQ
Azoxystrobin	0.081	10	100	<LOQ	Malathion	0.082	30	200	<LOQ
Bifenazate	1.415	30	100	<LOQ	Metalaxyl	0.081	10	100	<LOQ
Bifenthrin	0.043	30	200	<LOQ	Methiocarb	0.032	30	100	<LOQ
Boscalid	0.055	10	100	<LOQ	Methomyl	0.022	30	100	<LOQ
Captan	6.120	30	700	<LOQ	methyl-Parathion	1.710	10	100	<LOQ
Carbaryl	0.022	10	500	<LOQ	Mevinphos	2.150	10	100	<LOQ
Carbofuran	0.034	10	100	<LOQ	MGK-264	0.585	10	100	<LOQ
Chlorantraniliprole	0.033	10	1000	<LOQ	Myclobutanil	1.029	30	100	<LOQ
Chlordane	10.000	10	100	<LOQ	Naled	0.095	30	250	<LOQ
Chlorfenapyr	0.034	30	100	<LOQ	Oxamyl	0.025	30	500	<LOQ
Chlormequat Chloride	0.108	10	1000	<LOQ	Paclobutrazol	0.065	30	100	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ
Clofentezine	0.119	30	200	<LOQ	Permethrin	0.343	30	100	<LOQ
Coumaphos	3.770	48	100	<LOQ	Phosmet	0.082	30	100	<LOQ
Cyfluthrin	3.110	30	500	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cypermethrin	1.449	30	500	<LOQ	Prallethrin	0.798	30	100	<LOQ
Daminozide	0.885	30	100	<LOQ	Propiconazole	0.070	30	100	<LOQ
Diazinon	0.044	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyrethrins	23.593	30	500	<LOQ
Dimethoate	0.021	30	100	<LOQ	Pyridaben	0.032	30	200	<LOQ
Dimethomorph	5.830	48	200	<LOQ	Spinetoram	0.080	10	200	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spinosad	0.088	30	100	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spiromesifen	0.261	30	100	<LOQ
Etoxazole	0.095	30	100	<LOQ	Spirotetramat	0.089	30	100	<LOQ
Fenhexamid	0.510	10	100	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Tebuconazole	0.067	30	100	<LOQ
Fenpyroximate	0.138	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fipronil	0.107	30	100	<LOQ	Thiamethoxam	0.050	30	500	<LOQ
Flonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

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



Definitions are found on page 1

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. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.