



**Certificate of Analysis**  
Compliance Test

Client Information:

**Leafy8**  
368 Wilshire Blvd.  
Casselberry, Florida 32707  
Order # LEA240219-030001  
Order Date: 2024-02-19  
Sample # AAFH947

Batch # DS2163-1  
Batch Date: 2024-02-16  
Extracted From: Hemp

Test Reg State: Florida

Sampling Date: 2024-02-21  
Lab Batch Date: 2024-02-21  
Completion Date: 2024-02-27

Initial Gross Weight: 13.304 g



Product Image



Potency  
Tested



Terpenes  
Passed

**Delta 8/Delta 10 Potency 13 - (LCUV)**

Specimen Weight: 101.190 mg

**Tested**  
SOP13.001 (LCUV)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	2.60E-5	0.015	813.460	81.346
CBN	1.40E-5	0.015	4.890	0.489
CBC	1.80E-5	0.015	2.350	0.235
CBG	2.48E-4	0.015	0.210	0.021
Delta-10 THC	3.00E-6	0.015	0.210	0.021
CBD	5.40E-5	0.015	<LOQ	<LOQ
CBDA	1.00E-5	0.015	<LOQ	<LOQ
CBDV	6.50E-5	0.015	<LOQ	<LOQ
CBGA	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.015	<LOQ	<LOQ
THCA-A	3.20E-5	0.015	<LOQ	<LOQ
THCV	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD			<LOQ	<LOQ
Total Active THC			<LOQ	<LOQ



**Potency Summary**

<b>Total Delta 8</b> 81.346%	<b>Total Delta 10</b> 0.021%
<b>Total Active THC</b> None Detected	<b>Total Active CBD</b> None Detected
<b>Total CBG</b> 0.021%	<b>Total CBN</b> 0.489%
<b>Other Cannabinoids</b> 0.235%	<b>Total Cannabinoids</b> 82.112%



**Terpenes Summary**

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	29.04	2.904%
(R)-(+)-Limonene	12.83	1.283%
alpha-Humulene	7.46	0.746%
Farnesene	6.59	0.659%
Linalool	5.02	0.502%
beta-Pinene	3.78	0.378%
Valencene	2.32	0.232%
Fenchyl Alcohol	1.47	0.147%
beta-Myrcene	0.94	0.094%
Total Terpeneol	0.92	0.092%
alpha-Pinene	0.78	0.078%
Eucalyptol	0.76	0.076%
Ocimene	0.3	0.03%

**Total Terpenes: 7.221%**

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. 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.



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Initial Gross Weight: 13.304 g

**NP Terpenes**  
Specimen Weight: 110.300 mg

**Passed**  
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	29.040	2.904	Borneol	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	12.830	1.283	Camphene	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	7.460	0.746	Camphors	0.002	<LOQ	<LOQ
Farnesene	0.002	6.590	0.659	Caryophyllene oxide	0.002	<LOQ	<LOQ
Linalool	0.002	5.020	0.502	cis-Nerolidol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	3.780	0.378	Fenchone	0.002	<LOQ	<LOQ
Valencene	0.002	2.320	0.232	Gamma-Terpinene	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	1.470	0.147	Geraniol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	0.940	0.094	Geranyl acetate	0.002	<LOQ	<LOQ
Total Terpeneol	0.00126	0.920	0.092	Guaiol	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	0.780	0.078	Hexahydrothymol	0.002	<LOQ	<LOQ
Eucalyptol	0.002	0.760	0.076	Isoborneol	0.002	<LOQ	<LOQ
Ocimene	0.00033	0.300	0.030	Isopulegol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
alpha-Terpinene	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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