

Certificate of Analysis
Compliance Test

Client Information:

Fresh Farm Eliquid

151 Kalmus Dr

Unit L3

Costa Mesa, California 92626

Batch # FH1C1BF2

Batch Date: 2025-03-13

Extracted From: Hemp

Test Reg State: Georgia

Order # FRE250313-080001

Order Date: 2025-03-13

Sample # AAGM406

Statement of Amendment: Updated Potency; Updated Pesticides

Sampling Date: 2025-03-14

Lab Batch Date: 2025-03-14

Orig. Completion Date: 2025-03-26

Initial Gross Weight: 29.942 g

Number of Units: 1

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1



Product Image

Potency
TestedHHC Metals
PassedHHCP
Tested2,3-Butanedione
PassedMycotoxins
PassedResidual Solvents
PassedMicrobiology Petrifilm
PassedPathogenic
TestedVitamin E
PassedFiltration and Foreign
PassedDelta 8/Delta 10 Potency 13 -
(LCUV) + Potency 25 (LCUV)

Tested

SOP13.001, SOP13.052 (LCUV)

Specimen Weight: 507.840 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	578.9600	57.8960
Delta-9-THCP *	50.000	1.17E-5	0.012	65.8400	6.5840
THCB *	50.000	1.80E-4	0.0163	32.6300	3.2630
Delta-8 THCV	50.000	4.00E-5	0.015	12.5500	1.2550
CBNA	50.000	9.50E-5	0.015	6.3300	0.6330
CBN	50.000	1.40E-5	0.015	6.1400	0.6140
Delta-8-THCP *	50.000	3.75E-4	0.015	1.8500	0.1850
CBT	50.000	2.00E-4	0.015	1.7000	0.1700
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	0.9200	0.0920
CBD	50.000	5.40E-5	0.015	0.7200	0.0720
CBG	50.000	2.48E-4	0.015	0.1600	0.0160
CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-10 THC	50.000	3.00E-6	0.0015	<LOQ	<LOQ
Delta-9 THC	50.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-6a10a-THC	50.000	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	50.000	2.30E-4	0.015	<LOQ	<LOQ
THCH *	50.000	3.50E-4	0.0163	<LOQ	<LOQ
THCVA	50.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	50.000			0.720	0.072
Total Active THC	50.000			<LOQ	<LOQ



Potency Summary

Total Delta 8 57.896% 1736.88 mg	Total Delta 10 None Detected
Total HHC 13.432% 402.960 mg	Total Active THC None Detected
Total Active CBD 0.072% 2.16 mg	Total CBG 0.016% 0.48 mg
Total CBN 1.169% 35.07 mg	Total Cannabinoids 84.212% 2526.36 mg
Total DELTA-9-THC None Detected	

Summary Results determined from two distinct Potency Tests - Delta 8/Delta 10 Potency 13 -
(LCUV) + Potency 25 (LCUV)

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 * 0.867), 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, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, 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 tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.



Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FH1C1BF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-080001

Order Date: 2025-03-13

Sample # AAGM406

Sampling Date: 2025-03-14

Lab Batch Date: 2025-03-14

Orig. Completion Date: 2025-03-26

Initial Gross Weight: 29.942 g

Number of Units: 1

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 15.900 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Pathogenic AE (qPCR) - GA

Specimen Weight: 1040.900 mg

Tested

SOP13.029 (qPCR)

Dilution Factor: 1.000

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



Microbiology ACECTYM (BTGN) - Petrifilm (GA)

Specimen Weight: 991.700 mg

Passed
SOP13.003 (Petrifilm)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Yeast/Mold	100	10000	<100
Total Aerobic Count	100	100000	<100				



Filth and Foreign Material

Specimen Weight: N/A Dilution Factor: 1.000

Passed

SOP13.020 (Electronic Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

Aixia Sun

Aixia 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 tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.





Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FH1C1BF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-080001

Order Date: 2025-03-13

Sample # AAGM406

Sampling Date: 2025-03-14

Lab Batch Date: 2025-03-14

Orig. Completion Date: 2025-03-26

Initial Gross Weight: 29.942 g

Number of Units: 1

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1



Vitamin E (Tocopheryl Acetate)

Specimen Weight: 602.090 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.490

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



Residual Solvents - GA (CBD)

Specimen Weight: 15.900 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)
Butanes	0.4167	2.5	800	<LOQ	Heptane	0.0013	1.39	500	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Hexane	0.068	1.17	100	<LOQ



Mycotoxins

Specimen Weight: 602.090 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.490

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					

Aixia Sun

Aixia 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 tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.





Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FH1C1BF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-080001

Order Date: 2025-03-13

Sample # AAGM406

Sampling Date: 2025-03-14

Lab Batch Date: 2025-03-14

Orig. Completion Date: 2025-03-26

Initial Gross Weight: 29.942 g

Number of Units: 1

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1



HHC Metals

Specimen Weight: 250.000 mg

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

Dilution Factor: 200.000

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

HHCP

Specimen Weight: 507.840 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 50000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	80.3000	8.03 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	52.9000	5.29 Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	1.1200	0.112 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	134.3200	13.432
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<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 tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.

