

Certificate of Analysis
Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3Batch # PFL1B11CZ2
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 # AAGM403

Sampling Date: 2025-03-14

Lab Batch Date: 2025-03-14

Orig. Completion Date: 2025-03-26

Initial Gross Weight: 22.328 g

Number of Units: 1

Net Weight per Unit: 1000.000 mg

Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Potency; Updated Pesticides



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: 501.140 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	460.6900	46.0690
Delta-9-THCP *	50.000	1.17E-5	0.012	90.4500	9.0450
CBD	50.000	5.40E-5	0.015	83.2100	8.3210
CBG	50.000	2.48E-4	0.015	23.8500	2.3850
CBDV	50.000	6.50E-5	0.015	13.1800	1.3180
Delta-8 THCV	50.000	4.00E-5	0.015	6.8500	0.6850
CBNA	50.000	9.50E-5	0.015	5.0100	0.5010
CBN	50.000	1.40E-5	0.015	4.7500	0.4750
Delta-8-THCP *	50.000	3.75E-4	0.015	2.5000	0.2500
CBT	50.000	2.00E-4	0.015	1.3500	0.1350
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	0.6400	0.0640
CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
CBDA	50.000	1.00E-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
THCB *	50.000	1.80E-4	0.0163	<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			83.210	8.321
Total Active THC	50.000			<LOQ	<LOQ



Potency Summary

Total Delta 8 46.069% 460.69 mg	Total Delta 10 None Detected
Total HHC 8.030% 80.300 mg	Total Active THC None Detected
Total Active CBD 8.321% 83.21 mg	Total CBG 2.385% 23.85 mg
Total CBN 0.914% 9.14 mg	Total Cannabinoids 77.278% 772.78 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.

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2,3-butanedione(Diacetyl)

Specimen Weight: 17.900 mg

Passed
SOP13.039 (GCMS-MS)

Dilution Factor: 1.000

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



Pathogenic AE (qPCR) - GA

Specimen Weight: 1004.800 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: 1005.300 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

Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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E Vitamin E (Tocopheryl Acetate)

Specimen Weight: 592.070 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.530

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

P Residual Solvents - GA (CBD)

Specimen Weight: 17.900 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

M Mycotoxins

Specimen Weight: 592.070 mg

Passed
SOP13.007 (LCMS)

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	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					

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HHC Metals

Specimen Weight: 252.700 mg

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

Dilution Factor: 197.863

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: 501.140 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	48.6000	4.86 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	31.7000	3.17 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	80.3000	8.03
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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