



**Certificate of Analysis**  
Compliance Test

Client Information:

**Fresh Farm Eliquid**  
151 Kalmus Dr  
Unit L3

Batch # F4A25PS2  
Batch Date: 2025-03-13  
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-290001  
Order Date: 2025-03-13  
Sample # AAGM435

Sampling Date: 2025-03-21  
Lab Batch Date: 2025-03-21  
Orig. Completion Date: 2025-04-01

Initial Gross Weight: 115.000 g  
Net Weight: 112.500 g

Number of Units: 1  
Net Weight per Unit: 4500.000 mg  
Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Potency; Updated Net Weight



**Potency**  
Tested



**HHC Metals**  
Passed



**HHCP**  
Tested



**Mycotoxins**  
Passed



**Pesticides**  
Passed



**Residual Solvents**  
Passed



**Microbiology Petrifilm**  
Passed



**Pathogenic**  
Tested



**Filtration and Foreign**  
Passed

Product Image

**Delta 8/Delta 10 Potency 13 - (LCUV) + Potency 25 (LCUV)**

Specimen Weight: 1528.500 mg

Tested

SOP13.001,SOP13.052 (LCUV)



**Potency Summary**

<b>Total Delta 8</b> 4.428% 199.26 mg	<b>Total Delta 10</b> None Detected
<b>Total HHC</b> None Detected	<b>Total Active THC</b> 0.254% 11.43 mg
<b>Total Active CBD</b> 3.906% 175.77 mg	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.022% 0.99 mg	<b>Total Cannabinoids</b> 8.805% 396.225 mg
<b>Total DELTA-9-THC</b> 0.254% 11.43 mg	

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

Pieces For Panel: 25

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.0015	44.2800	4.4280
CBD	10.000	5.40E-5	0.0015	39.0600	3.9060
Delta-9 THC	10.000	2.80E-4	0.075	2.5400	0.2540
Delta9-THCP *	10.000	1.17E-5	0.0012	1.1300	0.1130
Delta-8 THCV	10.000	4.00E-5	0.0015	0.6100	0.0610
CBN	10.000	1.40E-5	0.0015	0.2200	0.0220
CBDV	10.000	6.50E-5	0.0015	0.2100	0.0210
CBC	10.000	2.76E-5	0.075	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	10.000	3.00E-6	0.0015	<LOQ	<LOQ
Delta6a10a-THC	10.000	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
CBT	10.000	2.00E-4	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Delta8-THCP *	10.000	3.75E-4	0.0015	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCB *	10.000	1.80E-4	0.00195	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.00195	<LOQ	<LOQ
THCVa	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			39.060	3.906
Total Active THC	10.000			2.540	0.254

*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 \* 0.867), 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), (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 # F4A25PS2  
Batch Date: 2025-03-13  
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-290001

Order Date: 2025-03-13

Sample # AAGM435

Sampling Date: 2025-03-21

Lab Batch Date: 2025-03-21

Orig. Completion Date: 2025-04-01

Initial Gross Weight: 115.000 g

Net Weight: 112.500 g

Number of Units: 1

Net Weight per Unit: 4500.000 mg

Sampling Method: MSP 7.3.1

**Pathogenic AE (qPCR) - GA**  
Specimen Weight: 1004.500 mg

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

**Tested**  
SOP13.029 (qPCR)

**Microbiology ACECTYM (BTGN) - Petrifilm (GA)**

Specimen Weight: 996.000 mg

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	100.0				

**Passed**  
SOP13.003 (Petrifilm)

**Filth and Foreign Material**  
Net Weight: 112.500 g

Dilution Factor: 1.000

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

**Passed**  
SOP13.020 (Electronic Balance)

*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 # F4A25PS2  
Batch Date: 2025-03-13  
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-290001

Order Date: 2025-03-13

Sample # AAGM435

Sampling Date: 2025-03-21

Lab Batch Date: 2025-03-21

Orig. Completion Date: 2025-04-01

Initial Gross Weight: 115.000 g

Net Weight: 112.500 g

Number of Units: 1

Net Weight per Unit: 4500.000 mg

Sampling Method: MSP 7.3.1



**Residual Solvents - GA (CBD)**

Specimen Weight: 17.600 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: 589.690 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.540

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					



**HHC Metals**

Specimen Weight: 249.400 mg

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

Dilution Factor: 200.481

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	8839.4

*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 # F4A25PS2  
Batch Date: 2025-03-13  
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-290001  
Order Date: 2025-03-13  
Sample # AAGM435

Sampling Date: 2025-03-21  
Lab Batch Date: 2025-03-21  
Orig. Completion Date: 2025-04-01

Initial Gross Weight: 115.000 g  
Net Weight: 112.500 g

Number of Units: 1  
Net Weight per Unit: 4500.000 mg  
Sampling Method: MSP 7.3.1

**HHCP**

Specimen Weight: 206.400 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 1000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.66000E-6	0.075	<LOQ	<LOQ CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.60000E-6	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.78000E-6	0.075	<LOQ	<LOQ Delta-9 THC	2.80000E-4	0.075	2.5400	0.254
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	3.09000E-5	0.075	<LOQ	<LOQ Total HHC	0.075	0.075	<LOQ	<LOQ
9(S)-HHCP	2.55000E-5	0.075	<LOQ	<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  
Costa Mesa, California 92626

Batch # F4A25PS2  
Batch Date: 2025-03-13  
Extracted From: Hemp

Test Reg State: Georgia

Order # FRE250313-290001  
Order Date: 2025-03-13  
Sample # AAGM435

Sampling Date: 2025-03-21  
Lab Batch Date: 2025-03-21  
Orig. Completion Date: 2025-04-01

Initial Gross Weight: 115.000 g  
Net Weight: 112.500 g

Number of Units: 1  
Net Weight per Unit: 4500.000 mg  
Sampling Method: MSP 7.3.1

**Pesticides**  
Specimen Weight: 589.690 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.540

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	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<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	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<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.

