

Certificate of Analysis
Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3Batch # FS1B11PP2
Batch Date: 2025-03-26
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250326-080001

Order Date: 2025-03-26

Sample # AAGN616

Statement of Amendment: Merging reports; AAGP414

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-08

Initial Gross Weight: 33.400 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Product Image

Potency
TestedHHCP
TestedPathogenic Microbiology
PassedHeavy Metals
Passed2 3-Butanedione
PassedMycotoxins
PassedPesticides
PassedResidual Solvents
PassedMicrobiology
PassedVitamin E
PassedFiltration and Foreign
PassedPotency (LCUV) (GA) + Potency
25 (LCUV) + Potency 11 -
(LCMS)

Specimen Weight: 507.690 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	8.36E-7	7.5E-5	749.850	74.985
THCB	500.000	1.80E-4	0.0163	84.8500	8.4850
Delta9-THCP	5000.000	1.17E-5	0.012	83.6800	8.3680
CBC	50.000	1.94E-6	7.5E-5	7.410	0.741
Delta-8 THCV	50.000	4.00E-5	0.015	6.0300	0.6030
CBN	50.000	1.25E-6	7.5E-5	3.940	0.394
CBT	50.000	2.00E-4	0.015	1.3900	0.1390
Delta8-THCP	50.000	3.75E-4	0.015	1.1200	0.1120
Delta-10 THC	50.000	3.00E-6	0.015	0.3000	0.0300
CBD	50.000	3.37E-7	7.5E-5	<LOQ	<LOQ
CBDA	50.000	7.78E-8	7.5E-5	<LOQ	<LOQ
CBG	50.000	4.00E-7	7.5E-5	<LOQ	<LOQ
CBGA	50.000	4.71E-8	7.5E-5	<LOQ	<LOQ
Delta-9 THC	50.000	2.98E-5	7.5E-5	<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
CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBDV	50.000	9.80E-8	7.5E-5	<LOQ	<LOQ
CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
CBNA	50.000	9.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	<LOQ	<LOQ
THCA-A	50.000	1.51E-7	7.5E-5	<LOQ	<LOQ
THCH	50.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	50.000	1.24E-6	7.5E-5	<LOQ	<LOQ
THCVA	50.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	50.000			<LOQ	<LOQ
Total Active THC	50.000			<LOQ	<LOQ

Tested

SOP13.001,SOP13.030
(LCUV,LCMS)

Potency Summary

Total HHC 2.383% 95.320 mg	Total Active THC None Detected
Total Active CBD None Detected	Total CBG None Detected
Total CBN 0.394% 15.76 mg	Total Cannabinoids 96.24% 3849.6 mg
Total DELTA-8-THC 74.985% 2999.4 mg	Total DELTA-9-THC None Detected
Total DELTA8-THCP 0.112% 4.48 mg	Total THCB 8.485% 339.4 mg

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) +
Potency 25 (LCUV) + Potency 11 - (LCMS)Aixa 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) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, 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.



Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FS1B11PP2
Batch Date: 2025-03-26
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250326-080001

Order Date: 2025-03-26

Sample # AAGN616

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-08

Initial Gross Weight: 33.400 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 15.000 mg

Passed

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Passed

SOP13.029 (qPCR)

Specimen Weight: 1038.000 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Passed	STEC	1	Passed



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1007.500 mg

Passed

SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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	<10	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<10				



Filth and Foreign Material - (GA)

Specimen Weight: N/A Dilution Factor: 1.000

Passed

SOP13.020 (Electronic Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.00	Weight %	1	0.00
Feces	0.5	0.00			

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.





Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FS1B11PP2
Batch Date: 2025-03-26
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250326-080001

Order Date: 2025-03-26

Sample # AAGN616

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-08

Initial Gross Weight: 33.400 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

E Vitamin E (Tocopheryl Acetate)
Specimen Weight: 606.300 mg

Passed
SOP13.007
(LCMS/GCMS)

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

H Heavy Metals - (GA) (Inhalation)
Specimen Weight: 250.700 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 199.442

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	200	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	200	<LOQ	Mercury (Hg)	0.016	100	200	<LOQ

P Residual Solvents (GA-4)
Specimen Weight: 15.000 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	0.417	53.6	800000	<LOQ	Heptane	0.001	29.8	500000	<LOQ
Ethanol	0.002	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<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.





Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FS1B11PP2
Batch Date: 2025-03-26
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250326-080001

Order Date: 2025-03-26

Sample # AAGN616

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-08

Initial Gross Weight: 33.400 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 606.300 mg

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	1.9	20	<LOQ	Aflatoxin G2	0.271	1.9	20	<LOQ
Aflatoxin B2	0.077	1.9	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	1.9	20	<LOQ					

Passed

SOP13.007
(LCMS/GCMS)

HHCP

Specimen Weight: 500.300 mg

Dilution Factor: 50000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	19.2	1.92 CBC	0.000	0.075	7.41	0.741
(9S)-HHC	0.000	0.075	4.63	0.463 Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ Delta-9 THC	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ Total HHC		0.075	23.8	2.383
9(S)-HHCP	0.000	0.075	<LOQ	<LOQ				

Tested

SOP13.050 (LCMS)

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.





Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # FS1B11PP2
Batch Date: 2025-03-26
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250326-080001

Order Date: 2025-03-26

Sample # AAGN616

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-08

Initial Gross Weight: 33.400 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Pesticides - (GA)

Specimen Weight: 606.300 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	9	100	<LOQ	Fludioxonil	0.360	9.6	100	<LOQ
Acephate	0.141	9.6	100	<LOQ	Hexythiazox	0.113	9.6	100	<LOQ
Acequinocyl	2.178	9.6	100	<LOQ	Imazalil	0.258	9.6	100	<LOQ
Acetamiprid	0.140	9.6	100	<LOQ	Imidacloprid	0.402	9.6	100	<LOQ
Aldicarb	0.203	9.6	100	<LOQ	Kresoxim Methyl	0.182	9.6	100	<LOQ
Azoxystrobin	0.188	9.6	100	<LOQ	Malathion	0.223	9.6	100	<LOQ
Bifenazate	0.086	9.6	100	<LOQ	Metalaxyl	0.270	9.6	100	<LOQ
Bifenthrin	0.100	9.6	100	<LOQ	Methiocarb	0.118	9.6	100	<LOQ
Boscalid	0.595	9.6	100	<LOQ	Methomyl	0.064	9.6	100	<LOQ
Carbaryl	0.122	9.6	100	<LOQ	Mevinphos	0.093	9.6	100	<LOQ
Carbofuran	0.086	9.6	100	<LOQ	Myclobutanil	0.573	9.6	100	<LOQ
Chlorantraniliprole	0.084	9.6	100	<LOQ	Oxamyl	0.041	9.6	100	<LOQ
Chlordane	1.900	9.6	100	<LOQ	Paclobutrazol	0.186	9.6	100	<LOQ
Chlorpyrifos	0.109	9.6	100	<LOQ	Permethrin	0.624	9.6	100	<LOQ
Coumaphos	0.206	9.6	100	<LOQ	Phosmet	0.127	9.6	100	<LOQ
Cyfluthrin	0.980	9.6	100	<LOQ	Piperonylbutoxide	0.149	9.6	100	<LOQ
Cypermethrin	0.985	9.6	100	<LOQ	Prallethrin	1.476	9.6	100	<LOQ
Daminozide	1.655	9.6	100	<LOQ	Propiconazole	0.294	9.6	100	<LOQ
Diazinon	0.212	9.6	100	<LOQ	Propoxur	0.100	9.6	100	<LOQ
Dichlorvos	1.130	9.6	100	<LOQ	Pyridaben	0.140	9.6	100	<LOQ
Dimethoate	0.063	9.6	100	<LOQ	Spinetoram	0.424	9.6	100	<LOQ
Dimethomorph	2.581	9.6	100	<LOQ	Spiromesifen	0.120	9.6	100	<LOQ
Ethoprophos	0.151	9.6	100	<LOQ	Spirotetramat	0.211	9.6	100	<LOQ
Etofenprox	0.172	9.6	100	<LOQ	Spiroxamine	0.533	9.6	100	<LOQ
Etoxazole	0.866	9.6	100	<LOQ	Tebuconazole	0.230	9.6	100	<LOQ
Fenhexamid	0.588	9.6	100	<LOQ	Thiacloprid	0.170	9.6	100	<LOQ
Fenoxycarb	0.274	9.6	100	<LOQ	Thiamethoxam	0.179	9.6	100	<LOQ
Fipronil	0.317	9.6	100	<LOQ	Trifloxystrobin	0.134	9.6	100	<LOQ
Flonicamid	0.466	9.6	100	<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.

