



Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11PR2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM462

Statement of Amendment ; Updated Potency

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 32.800 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Tested**



**Heavy Metals
Passed**



**2,3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology
Tested**



**Vitamin E
Passed**



**Filtration and Foreign
Passed**

Potency (LCUV) (GA) + Potency 25 (LCUV)

Specimen Weight: 100.560 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	768.3495	76.8350
THCB *	10.000	1.80E-4	0.0163	88.3147	8.8315
Delta9-THCP *	10.000	1.17E-5	0.012	86.2989	8.6299
Delta6a10a-THC	10.000	8.47E-5	0.0015	8.937	0.894
Delta-8 THCV	10.000	4.00E-5	0.015	5.0542	0.5054
CBN	10.000	1.40E-5	0.015	3.8527	0.3853
CBNA	10.000	9.50E-5	0.015	3.5250	0.3525
CBT	10.000	2.00E-4	0.015	1.3902	0.1390
Delta8-THCP *	10.000	3.75E-4	0.015	1.1221	0.1122
CBCA	10.000	1.07E-4	0.015	0.6752	0.0675
Delta-10 THC	10.000	3.00E-6	0.015	0.4071	0.0407
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
CBC	10.000	2.76E-5	0.075	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.025	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ

Tested

SOP13.001 (LCUV)



Potency Summary

Total HHC 3.197% 127.894 mg	Total Active THC None Detected
Total Active CBD None Detected	Total CBG None Detected
Total CBN 0.694% 27.76 mg	Total Cannabinoids 99.99% 3999.6 mg
Total DELTA-8-THC 76.835% 3073.4 mg	Total DELTA-9-THC None Detected

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + 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, (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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Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM462

Batch # EF1B11PR2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Initial Gross Weight: 32.800 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	.024	0.024	<LOQ



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1000.000 mg

Dilution Factor: 1.000

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

Tested
SOP13.029
(qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 991.200 mg

Tested
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material

Specimen Weight: N/A 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)

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Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM462

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 32.800 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: 608.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.460

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

H Heavy Metals - (GA) (Inhalation)
Specimen Weight: 246.900 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 202.511

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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

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Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 608.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.460

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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 100.560 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	22.0439	2.20439 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	9.9297	0.99297 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	31.9736	3.19736	
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

Aixia Sun

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Order Date: 2025-03-13

Sample # AAGM462

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 32.800 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: N/A Dilution Factor: 2.460

Passed

SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

Aixia Sun

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Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM464

Sampling Date: 2025-03-28
Lab Batch Date: 2025-03-28
Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1
Net Weight per Unit: 4000.000 mg
Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Tested**



**Heavy Metals
Passed**



**2-3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology
Tested**



**Vitamin E
Passed**



**Filtration and Foreign
Passed**

Potency (LCUV) (GA)

Specimen Weight: 101.910 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	767.2600	76.7260
CBN	10.000	1.40E-5	0.015	4.0500	0.4050
Delta-10 THC	10.000	3.00E-6	0.015	0.2900	0.0290
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ



Potency Summary

2.049%	Total HHC	81.960 mg	-	Total Active THC	None Detected
-	Total Active CBD	None Detected	-	Total CBG	None Detected
0.405%	Total CBN	16.200 mg	79.209%	Total Cannabinoids	3168.360 mg
76.726%	Total DELTA-8-THC	3069.04 mg	-	Total DELTA-9-THC	None Detected

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, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received.
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Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1
Net Weight per Unit: 4000.000 mg
Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 15.400 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1016.400 mg

Dilution Factor: 1.000

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

Tested
SOP13.029
(qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1004.200 mg

Tested
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material

Specimen Weight: N/A 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)

Aixa Sun Lab Director/Principal Scientist
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Initial Gross Weight: 33.100 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: 596.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.510

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

H Heavy Metals - (GA) (Inhalation)
Specimen Weight: 249.000 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 200.803

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: 15.400 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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

Aixia Sun

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11H02
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM464

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 596.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.510

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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 101.910 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	16.6000	1.66 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	3.8900	0.389 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	20.4900	2.049	
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)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11H02
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM464

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: N/A Dilution Factor: 2.510

Passed

SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoazoxole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

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Aixia Sun Lab Director/Principal Scientist

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

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Certificate of Analysis
Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM466

Batch # EF1B11AJ2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Initial Gross Weight: 33.000 g

Number of Units: 1
Net Weight per Unit: 4000.000 mg
Sampling Method: MSP 7.3.1

Product Image

Mycotoxins
PassedPesticides
PassedPathogenic Microbiology
TestedHeavy Metals
Passed2-Butanedione
PassedFiltration
PassedResidual Solvents
PassedMicrobiology
TestedVitamin E
PassedFiltration
Passed

Potency (LCUV) (GA)

Specimen Weight: 101.940 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	778.5900	77.8590
CBN	10.000	1.40E-5	0.015	4.0700	0.4070
Delta-10 THC	10.000	3.00E-6	0.015	0.2900	0.0290
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ



Potency Summary

2.092%	Total HHC	83.680 mg	-	Total Active THC	None Detected
-	Total Active CBD	None Detected	-	Total CBG	None Detected
0.407%	Total CBN	16.280 mg	80.387%	Total Cannabinoids	3215.480 mg
77.859%	Total DELTA-8-THC	3114.36 mg	-	Total DELTA-9-THC	None Detected

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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.
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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AJ2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM466

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.000 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 17.700 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1038.400 mg

Dilution Factor: 1.000

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

Tested
SOP13.029 (qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 998.000 mg

Tested
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material

Specimen Weight: N/A 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)

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Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AJ2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM466

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.000 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: 607.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.470

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

H Heavy Metals - (GA) (Inhalation)
Specimen Weight: 251.200 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 199.045

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: 17.700 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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

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Client Information:

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151 Kalmus Dr
Unit L3

Batch # EF1B11AJ2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM466

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.000 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 607.700 mg

Passed
SOP13.007 (LCMS)

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	3.0400E-1	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 101.940 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	16.8000	1.68 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	4.1200	0.412 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	20.9200	2.092	
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

Aixa Sun Lab Director/Principal Scientist
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Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AJ2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM466

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.000 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: N/A Dilution Factor: 2.470

Passed

SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	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

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11PS2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM463

Statement of Amendment: Updated Potency

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 33.200 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Tested**



**Heavy Metals
Passed**



**2,3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology
Tested**



**Vitamin E
Passed**



**Filtration and Foreign
Passed**

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

Specimen Weight: 100.460 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	772.5300	77.2530
THCB *	10.000	1.80E-4	0.0163	87.5400	8.7540
Delta9-THCP *	10.000	1.17E-5	0.012	85.2400	8.5240
Delta8a10a-THC	10.000	8.47E-5	0.0015	9.070	0.907
Delta-8 THCV	10.000	4.00E-5	0.015	5.0500	0.5050
CBN	10.000	1.40E-5	0.015	3.9500	0.3950
CBNA	10.000	9.50E-5	0.015	2.9000	0.2900
CBT	10.000	2.00E-4	0.015	1.4000	0.1400
Delta8-THCP *	10.000	3.75E-4	0.015	1.1400	0.1140
Delta-10 THC	10.000	3.00E-6	0.015	0.4300	0.0430
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
CBC	10.000	2.76E-5	0.075	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.025	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ

Tested

SOP13.001 (LCUV)



Potency Summary

Total HHC 2.960% 118.400 mg	Total Active THC None Detected
Total Active CBD None Detected	Total CBG None Detected
Total CBN 0.649% 25.96 mg	Total Cannabinoids 99.885% 3995.4 mg
Total DELTA-8-THC 77.253% 3090.12 mg	Total DELTA-9-THC None Detected

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

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), (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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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11PS2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM463

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 33.200 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 15.200 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1033.100 mg

Dilution Factor: 1.000

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

Tested
SOP13.029 (qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 997.800 mg

Tested
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material

Specimen Weight: N/A 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)

Aixa Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

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Certificate of Analysis

Compliance Test

Client Information:

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151 Kalmus Dr
Unit L3

Batch # EF1B11PS2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM463

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 33.200 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Vitamin E (Tocopheryl Acetate)

Specimen Weight: 583.900 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.570

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



Heavy Metals - (GA) (Inhalation)

Specimen Weight: 249.500 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 200.401

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



Residual Solvents (GA-4)

Specimen Weight: 15.200 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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

Aixia Sun

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11PS2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM463

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 33.200 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 583.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.570

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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 100.460 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	20.5000	2.05 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	9.1000	0.91 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	29.6000	2.96	
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

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11PS2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM463

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Orig. Completion Date: 2025-04-14

Initial Gross Weight: 33.200 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: N/A Dilution Factor: 2.570

Passed

SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	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

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11LA2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250331-080001

Order Date: 2025-03-31

Sample # AAG0170

Statement of Amendment: Updated Photo

Sampling Date: 2025-03-31

Lab Batch Date: 2025-03-31

Orig. Completion Date: 2025-04-17

Initial Gross Weight: 70.900 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Passed**



**Heavy Metals
Passed**



**2,3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology
Passed**



**Vitamin E
Passed**



**Filtration and Foreign
Passed**

Potency (LCUV) (GA) + Potency 25 (LCUV)

Tested

SOP13.001 (LCUV)

Specimen Weight: 100.550 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	756.9700	75.6970
THCB *	10.000	1.80E-4	0.0163	90.1100	9.0110
Delta9-THCP *	10.000	1.17E-5	0.012	88.2200	8.8220
Delta6a10a-THC	10.000	8.47E-5	0.0015	8.620	0.862
CBC	1000.000	2.76E-5	0.075	7.1900	0.7190
Delta-8 THCV	10.000	4.00E-5	0.015	5.1200	0.5120
CBN	10.000	1.40E-5	0.015	3.9900	0.3990
CBT	10.000	2.00E-4	0.015	1.4200	0.1420
Delta8-THCP *	10.000	3.75E-4	0.015	1.1800	0.1180
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	0.8700	0.0870
Delta-10 THC	10.000	3.00E-6	0.015	0.3000	0.0300
THCV	10.000	7.00E-6	0.015	0.2500	0.0250
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	1000.000	2.80E-4	0.075	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.025	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.0163	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ



Potency Summary

Total HHC 2.112%	84.480 mg	Total Active THC None Detected
Total Active CBD None Detected		Total CBG None Detected
Total CBN 0.399%	15.96 mg	Total Cannabinoids 98.536%
Total DELTA-9-THC None Detected		3941.44 mg

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + Potency 25 (LCUV)

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) = (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.

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11LA2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250331-080001

Order Date: 2025-03-31

Sample # AAGO170

Sampling Date: 2025-03-31

Lab Batch Date: 2025-03-31

Orig. Completion Date: 2025-04-17

Initial Gross Weight: 70.900 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 16.500 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1024.300 mg

Dilution Factor: 1.000

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

Passed
SOP13.029 (qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1009.600 mg

Passed
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material - (GA)

Specimen Weight: N/A 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

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11LA2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250331-080001

Order Date: 2025-03-31

Sample # AAG0170

Sampling Date: 2025-03-31

Lab Batch Date: 2025-03-31

Orig. Completion Date: 2025-04-17

Initial Gross Weight: 70.900 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: 602.500 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

H Heavy Metals - (GA) (Inhalation) Specimen Weight: 250.500 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 199.601

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: 16.500 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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11LA2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250331-080001

Order Date: 2025-03-31

Sample # AAGO170

Sampling Date: 2025-03-31

Lab Batch Date: 2025-03-31

Orig. Completion Date: 2025-04-17

Initial Gross Weight: 70.900 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 602.500 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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 100.550 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	17.4000	1.74	CBC	2.760000E-5	0.075	7.1900	0.719
(9S)-HHC	6.6000E-6	0.075	3.7200	0.372	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	21.1200	2.112	
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)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11LA2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250331-080001

Order Date: 2025-03-31

Sample # AAG0170

Sampling Date: 2025-03-31

Lab Batch Date: 2025-03-31

Orig. Completion Date: 2025-04-17

Initial Gross Weight: 70.900 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Pesticides - (GA)

Specimen Weight: 602.500 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)
Abamectin	3.9900E-1	9	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

Aixia Sun

Aixia Sun Lab Director/Principal Scientist

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

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Certificate of Analysis
Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3Batch # EF1B11AF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM465

Sampling Date: 2025-03-28
Lab Batch Date: 2025-03-28
Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1
Net Weight per Unit: 4000.000 mg
Sampling Method: MSP 7.3.1

Product Image

Potency
TestedHHCP
TestedPathogenic Microbiology
TestedHeavy Metals
Passed2-Butanedione
PassedMycotoxins
PassedPesticides
PassedResidual Solvents
PassedMicrobiology
TestedVitamin E
PassedFiltration and Foreign
Passed

Potency (LCUV) (GA)

Specimen Weight: 100.130 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	2.60E-5	0.015	779.6500	77.9650
CBN	10.000	1.40E-5	0.015	3.9600	0.3960
Delta-10 THC	10.000	3.00E-6	0.015	0.3000	0.0300
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.015	<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ
Total Active CBD	10.000			<LOQ	<LOQ



Potency Summary

1.918%	Total HHC	76.720 mg	-	Total Active THC	None Detected
-	Total Active CBD	None Detected	-	Total CBG	None Detected
0.396%	Total CBN	15.840 mg	80.309%	Total Cannabinoids	3212.360 mg
77.965%	Total DELTA-8-THC	3118.6 mg	-	Total DELTA-9-THC	None Detected

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, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received.
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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM465

Batch # EF1B11AF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Initial Gross Weight: 33.100 g

Number of Units: 1
Net Weight per Unit: 4000.000 mg
Sampling Method: MSP 7.3.1



2,3-butanedione(Diacetyl)

Specimen Weight: 15.600 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1006.700 mg

Dilution Factor: 1.000

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

Tested
SOP13.029
(qPCR)



Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 992.100 mg

Tested
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

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



Filth and Foreign Material

Specimen Weight: N/A 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)

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Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM465

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.100 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: 608.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.460

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

H Heavy Metals - (GA) (Inhalation)
Specimen Weight: 248.600 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 201.126

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: 15.600 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	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

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Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM465

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1



Mycotoxins - (GA)

Specimen Weight: 608.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.460

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	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP

Specimen Weight: 100.130 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	15.2000	1.52 CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	3.9800	0.398 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	19.1800	1.918	
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)

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Certificate of Analysis

Compliance Test

Client Information:

Fresh Farm Eliquid
151 Kalmus Dr
Unit L3

Batch # EF1B11AF2
Batch Date: 2025-03-13
Extracted From: Hemp

Test Reg State: Georgia

Costa Mesa, California 92626

Order # FRE250313-380001

Order Date: 2025-03-13

Sample # AAGM465

Sampling Date: 2025-03-28

Lab Batch Date: 2025-03-28

Completion Date: 2025-04-13

Initial Gross Weight: 33.100 g

Number of Units: 1

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: N/A Dilution Factor: 2.460

Passed
SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

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