



Certificate of Analysis

Compliance Test

Client Information:

Flying Horse

624 Hampton Park Dr

Birmingham, Alabama 35216

Batch # 20250325004

Batch Date: 2025-03-25

Extracted From: Hemp

Test Reg State: Georgia

Food Permits:

State: FL - #393546

Order # USA250327-280001

Order Date: 2025-03-27

Sample # AAGN893

Sampling Date: 2025-04-03

Lab Batch Date: 2025-04-03

Orig. Completion Date: 2025-05-31

Initial Gross Weight: 31.700 g

Number of Units: 2

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1

Statement of Amendment: ; Report format; Updated Photo; Merging reports AAHF677



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Passed**



**Heavy Metals
Passed**



**2,3-Butanedione
Tested**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology
Passed**



**Vitamin E
Tested**



**Filtration and Foreign
Passed**

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

Specimen Weight: 505.450 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	814.0093	81.4009
Delta-9-THCP	50.000	1.17E-5	0.012	153.8589	15.3859
CBN	50.000	1.40E-5	0.015	22.4027	2.2403
Delta-8-THCV	50.000	4.00E-5	0.015	3.2224	0.3222
Delta-8-THCP	50.000	3.75E-4	0.015	2.7426	0.2743
Delta-9-THC-O-Acetate	50.000	7.70E-5	0.025	1.2763	0.1276
CBT	50.000	2.00E-4	0.015	1.1767	0.1177
CBGA	50.000	8.00E-5	0.015	0.1539	0.0154
CBD	50.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ
Delta-10-THC	50.000	3.00E-6	0.015	<LOQ	<LOQ
Delta-9-THC	50.000	2.80E-4	0.075	<LOQ	<LOQ
Exo-THC	50.000	2.30E-4	0.015	<LOQ	<LOQ
CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBDV	50.000	6.50E-5	0.015	<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	3.20E-5	0.015	<LOQ	<LOQ
THCB	50.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	50.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<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 (LCUV)



Potency Summary

0.113%	Total HHC	101.43 mg	-	Delta 9 THC	None Detected
-	Total Active CBD	None Detected	0.014%	Total CBG	0.4053 mg
2.240%	Total CBN	67.208 mg	99.997%	Total Cannabinoids	2999.9096 mg
-	Total Active THC	None Detected	0.2743%	Total DELTA8-THCP	8.229 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, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Client supplied the net weight of ml The results apply to the sample as received. Revised report- see statement of amendment above.

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Order Date: 2025-03-27

Sample # AAGN893

Batch # 20250325004

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Extracted From: Hemp

Test Reg State: Georgia

Food Permits:

State: FL - #393546

Sampling Date: 2025-04-03

Lab Batch Date: 2025-04-03

Orig. Completion Date: 2025-05-31

Initial Gross Weight: 31.700 g

Number of Units: 2

Net Weight per Unit: 3000.000 mg

Sampling Method: MSP 7.3.1



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1010.200 mg

Passed

SOP13.029 (qPCR)

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: 998.400 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	<100	Total Yeast/Mold	1000	10000	<1000
Total Aerobic Count	1000	100000	<1000				



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			

Aixa Sun Lab Director/Principal Scientist

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

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Sampling Method: MSP 7.3.1



2 3-Butanedione Multi State

Specimen Weight: 16.700 mg

Tested
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
2,3-Butanedione	.00036	0.2	0.024	<LOQ



Vitamin E Multi State

Specimen Weight: 588.300 mg

Tested
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.550

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: 254.000 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 196.850

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

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Number of Units: 2
Net Weight per Unit: 3000.000 mg
Sampling Method: MSP 7.3.1



Residual Solvents (GA-4)

Specimen Weight: 15.700 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	0.417	53.6	800000	<LOQ	Heptane	0.001	29.8	500000	<LOQ
Ethanol	0.002	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ



Mycotoxins - (GA)

Specimen Weight: 619.420 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.420

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: 505.450 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	<LOQ	<LOQ	CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	<LOQ	<LOQ	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	1.13	0.11271
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ					

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Number of Units: 2
Net Weight per Unit: 3000.000 mg
Sampling Method: MSP 7.3.1

Pesticides - (GA)

Specimen Weight: 619.420 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.420

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
Etoazole	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
Fonicamid	4.6600E-1	9.6	100	<LOQ					

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Sampling Method: MSP 7.3.1



Potency (LCUV) (GA) + Potency 25 (LCUV) at Dry Weight

Specimen Weight: 505.450 mg

Tested

SOP13.001 (LCUV)

Dilution Factor: 500.000

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%) Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	814	81.4 CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
Delta9-THCP	50.000	1.17E-5	0.012	154	15.4 CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBN	50.000	1.40E-5	0.015	22.4	2.24 CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
Delta-8 THCV	50.000	4.00E-5	0.015	3.22	0.322 CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
Delta8-THCP	50.000	3.75E-4	0.015	2.74	0.274 CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.70E-5	0.025	1.28	0.128 CBNA	50.000	9.50E-5	0.015	<LOQ	<LOQ
CBT	50.000	2.00E-4	0.015	1.18	0.118 Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	0.154	0.0154 THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ
CBD	50.000	5.40E-5	0.015	<LOQ	<LOQ THCB	50.000	1.80E-4	0.0163	<LOQ	<LOQ
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ THCH	50.000	3.50E-4	0.0163	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
Delta-10 THC	50.000	3.00E-6	0.015	<LOQ	<LOQ THCVA	50.000	4.70E-5	0.015	<LOQ	<LOQ
Delta-9 THC	50.000	2.80E-4	0.075	<LOQ	<LOQ Total Active CBD	50.000			<LOQ	<LOQ
Exo-THC	50.000	2.30E-4	0.015	<LOQ	<LOQ Total Active THC	50.000			<LOQ	<LOQ

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