



Certificate of Analysis
Compliance Test

Client Information:

Flying Horse

624 Hampton park DR
Birmingham, Alabama 35216

Batch # 20250417001
Batch Date: 2025-05-12
Extracted From: Hemp

Test Reg State: Georgia

Order # FLY250512-100001
Order Date: 2025-05-12
Sample # AAGS150

Sampling Date: 2025-05-14
Lab Batch Date: 2025-05-14
Orig. Completion Date: 2025-05-19

Initial Gross Weight: 23.415 g

Number of Units: 1
Net Weight per Unit: 3500.000 mg

Statement of Amendment: Merging reports



Potency Tested



HHCP Tested



Pathogenic Microbiology Passed



Heavy Metals Passed



Mycotoxins Passed



Pesticides Passed



Residual Solvents Passed



Microbiology Passed



Filtration and Foreign Passed

Product Image

Potency 25 (LCUV)
Specimen Weight: 509.660 mg

Tested

SOP13.001 (LCUV)

| Analyte | Dilution (1:n) | LOD (mg/g) | LOQ (%) | Result (mg/g) | Result (%) |
|-----------------------|----------------|------------|---------|---------------|------------|
| Delta-8 THC | 50.000 | 2.60E-5 | 0.015 | 862.7300 | 86.2730 |
| Delta9-THCP * | 500.000 | 1.17E-5 | 0.012 | 23.5600 | 2.3560 |
| CBN | 50.000 | 1.40E-5 | 0.015 | 8.1200 | 0.8120 |
| Delta-8 THCV | 50.000 | 4.00E-5 | 0.015 | 6.9390 | 0.6939 |
| CBT | 50.000 | 2.00E-4 | 0.015 | 4.4290 | 0.4429 |
| CBD | 50.000 | 5.40E-5 | 0.015 | 4.3600 | 0.4360 |
| Delta8-THCP * | 50.000 | 3.75E-4 | 0.015 | 0.4188 | 0.0419 |
| CBG | 50.000 | 2.48E-4 | 0.015 | 0.3600 | 0.0360 |
| CBGA | 50.000 | 8.00E-5 | 0.015 | 0.2000 | 0.0200 |
| CBC | 50.000 | 1.80E-5 | 0.015 | <LOQ | <LOQ |
| CBCA | 50.000 | 1.07E-4 | 0.015 | <LOQ | <LOQ |
| CBDA | 50.000 | 1.00E-5 | 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 |
| Delta-9 THC | 50.000 | 1.30E-5 | 0.015 | <LOQ | <LOQ |
| Delta-9 THC-O Acetate | 50.000 | 7.70E-5 | 0.025 | <LOQ | <LOQ |
| Exo-THC | 50.000 | 2.30E-4 | 0.015 | <LOQ | <LOQ |
| 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 | | | 4.360 | 0.436 |
| Total Active THC | 50.000 | | | <LOQ | <LOQ |



Potency Summary

| | | | |
|----------------------------------|-------------|-----------------------------------|---------------|
| 5.779% Total HHC | 202.265 mg | - Total Active THC | None Detected |
| 0.436% Total Active CBD | 15.260 mg | 0.054% Total CBG | 1.890 mg |
| 0.812% Total CBN | 28.420 mg | 96.891% Total Cannabinoids | 3391.185 mg |
| 86.273% Total DELTA-8-THC | 3019.555 mg | | |

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Aixia Sun Lab Director/Principal Scientist
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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, (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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Order Date: 2025-05-12
Sample # AAGS150

Sampling Date: 2025-05-14
Lab Batch Date: 2025-05-14
Orig. Completion Date: 2025-05-19

Initial Gross Weight: 23.415 g

Number of Units: 1
Net Weight per Unit: 3500.000 mg

Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1024.500 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: 996.900 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 | 0.000 | Weight % | 1 | 0.000 |
| Feces | 0.5 | 0.000 | | | |

Aixia Sun

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

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Initial Gross Weight: 23.415 g

Number of Units: 1
Net Weight per Unit: 3500.000 mg

Heavy Metals - (GA) (Inhalation)

Specimen Weight: 254.180 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 196.711

| 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: 16.700 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 |

Mycotoxins - (GA)

Specimen Weight: 604.460 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.480

| 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 | | | | | |

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Orig. Completion Date: 2025-05-19

Initial Gross Weight: 23.415 g

Number of Units: 1
Net Weight per Unit: 3500.000 mg

HHCP

Specimen Weight: 509.660 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 50000.000

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|--------------------|-------------|---------|---------------|--------------------------------|-------------|---------|---------------|------|
| (9R)-HHC | 3.6600E-6 | 0.075 | 45.8000 | 4.58 CBC | 2.760000E-5 | 0.075 | <LOQ | <LOQ |
| (9S)-HHC | 6.6000E-6 | 0.075 | 8.5900 | 0.859 Delta-8 THC methyl ether | 2.480000E-4 | 0.075 | <LOQ | <LOQ |
| (±)-9β-hydroxy-HHC | 7.7800E-6 | 0.075 | 3.4000 | 0.34 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 | 57.7900 | 5.779 | |
| 9(S)-HHCP | 2.5500E-5 | 0.075 | <LOQ | <LOQ | | | | |

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Initial Gross Weight: 23.415 g

Number of Units: 1
Net Weight per Unit: 3500.000 mg

Pesticides - (GA)
Specimen Weight: 604.460 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.480

| 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 | 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 | Pacllobutrazol | 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 |
| Fonicamid | 4.6600E-1 | 9.6 | 100 | <LOQ | | | | | |

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