



**Certificate of Analysis**  
Compliance Test

Client Information:

<b>Flying Horse</b> 624 Hampton park DR Birmingham, Alabama 35216	Batch # 20250328003 Batch Date: 2025-09-24 Extracted From: Hemp	Test Reg State: Georgia	Production Facility: USA HEMP SOLUTIONS	Food Permits: State: FL- #393546
Order # FLY250924-190001 Order Date: 2025-09-24 Sample # AAHC609	Sampling Date: 2025-09-26 Lab Batch Date: 2025-09-26 Orig. Completion Date: 2025-10-01	Initial Gross Weight: 18.630 g Net Weight: 3.000 g	Number of Units: 2 Net Weight per Unit: 3000.000 mg Sampling Method: MSP 7.3.1	
Statement of Amendment: Updated Batch#				



<b>Potency Tested</b>	<b>HHCP Tested</b>	<b>Pathogenic Microbiology Tested</b>	<b>Heavy Metals Passed</b>	<b>2-3-Butanedione Passed</b>
<b>Mycotoxins Passed</b>	<b>Pesticides Passed</b>	<b>Residual Solvents Passed</b>	<b>Microbiology Passed</b>	<b>Vitamin E Passed</b>
<b>Filtration Passed</b>				

Product Image

**Potency (GA) LCUV + Potency 25 (LCUV)** Tested SOP13.001 (LCUV)

Specimen Weight: 507.410 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	775.9600	77.5960
Delta9-THCP	50.000	1.17E-5	0.012	17.1900	1.7190
CBN	50.000	1.40E-5	0.015	9.6600	0.9660
Delta-8 THCV	50.000	4.00E-5	0.015	4.1600	0.4160
CBT	50.000	2.00E-4	0.015	2.8700	0.2870
CBD	50.000	5.40E-5	0.015	0.8300	0.0830
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ
Delta-10 THC	50.000	3.00E-6	0.015	<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
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
Delta8-THCP	50.000	3.75E-4	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			0.83	0.083
Total Active THC	50.000			<LOQ	<LOQ

**Potency Summary**

<b>Total HHC</b> 1.245%	1120.5 mg	<b>Delta 9 THC</b> None Detected
<b>Total Active CBD</b> 0.083%	2.49 mg	<b>Total CBG</b> None Detected
<b>Total CBN</b> 0.966%	28.98 mg	<b>Total Cannabinoids</b> 82.312% 2469.36 mg
<b>Total Active THC</b> -	None Detected	

Summary Results determined from two distinct Potency Tests - Potency (GA) LCUV + 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) = (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 # FLY250924-190001 Order Date: 2025-09-24 Sample # AAHC609	Sampling Date: 2025-09-26 Lab Batch Date: 2025-09-26 Orig. Completion Date: 2025-10-01	Initial Gross Weight: 18.630 g Net Weight: 3.000 g	Number of Units: 2 Net Weight per Unit: 3000.000 mg Sampling Method: MSP 7.3.1	

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested**  
SOP13.001 (LCUV)  
Specimen Weight: 507.410 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBD	50.000	5.400000E-5	0.015	0.830	0.0830	CBT	50.000	2.000000E-4	0.015	2.87	0.2870
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	Delta-8 THCV	50.000	4.000000E-5	0.015	4.16	0.4160
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	Delta8-THCP	50.000	3.750000E-4	0.015	<LOQ	<LOQ
CBN	50.000	1.400000E-5	0.015	9.66	0.9660	Delta9-THCP	50.000	1.170000E-5	0.012	17.2	1.7190
Delta-10 THC	50.000	3.000E-6	0.015	<LOQ	<LOQ	THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ
Delta-8 THC	50.000	2.600000E-5	0.015	776	77.5960	THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	Total THC-O Acetate	50.000		0.015	<LOQ	<LOQ
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	Total Active THC	50.000			<LOQ	<LOQ
Total CBD	50.000		0.015	2.49	0.0830	Total Active CBD	50.000			0.830	0.083
Total THC	50.000		0.015	<LOQ	<LOQ						
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ						
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ						
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ						
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ						
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ						
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ						

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Order # FLY250924-190001 Order Date: 2025-09-24 Sample # AAHC609	Sampling Date: 2025-09-26 Lab Batch Date: 2025-09-26 Orig. Completion Date: 2025-10-01	Initial Gross Weight: 18.630 g Net Weight: 3.000 g	Number of Units: 2 Net Weight per Unit: 3000.000 mg Sampling Method: MSP 7.3.1	

**2,3-butanedione(Diacetyl)** **Passed**  
Specimen Weight: 15.900 mg  
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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

**Pathogenic Microbiology AE Microarray - GA** **Tested**  
Specimen Weight: 1033.800 mg  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Passed	Escherichia coli specific gene	Passed

**Microbiology AC TYM BTGN plating - (GA)** **Passed**  
Specimen Weight: 996.800 mg  
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)** **Passed**  
Net Weight: 3.000 g  
SOP13.020 (Electronic Balance)

Dilution Factor: 1.000

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

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**E Vitamin E (Tocopheryl Acetate)** **Passed**  
Specimen Weight: 592.800 mg  
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.530

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

**H Heavy Metals - (GA) (Inhalation)** **Passed**  
Specimen Weight: 247.900 mg  
SOP13.048 (ICP-MS)

Dilution Factor: 201.694

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

**I Residual Solvents (GA-4)** **Passed**  
Specimen Weight: 15.900 mg  
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

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**Mycotoxins - (GA)**  
Specimen Weight: 592.800 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

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: 507.410 mg

**Tested**  
SOP13.050 (LCMS)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	10.4	1.04	9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	2.05	0.205	CBC	2.760000E-5	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	2.480000E-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	12.5	1.245

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**Pesticides - (GA)**  
Specimen Weight: 592.800 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)

Dilution Factor: 2.530

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
Fonicamid	4.6600E-1	9.6	100	<LOQ					

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**Potency (GA) LCUV + Potency 25 (LCUV) at Dry Weight** **Tested**  
SOP13.001 (LCUV)  
Specimen Weight: 507.410 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result		Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result	
				(mg/g)	(%)					(mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	776	77.6	CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
Delta9-THCP	50.000	1.17E-5	0.012	17.2	1.72						
CBN	50.000	1.40E-5	0.015	9.66	0.966	CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
Delta-8 THCV	50.000	4.00E-5	0.015	4.16	0.416						
CBT	50.000	2.00E-4	0.015	2.87	0.287	CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
CBD	50.000	5.40E-5	0.015	0.830	0.0830						
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ	CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBG	50.000	2.48E-4	0.015	<LOQ	<LOQ						
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ	CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
Delta-10 THC	50.000	3.00E-6	0.015	<LOQ	<LOQ						
Delta-9 THC	50.000	1.30E-5	0.015	<LOQ	<LOQ	CBNA	50.000	9.50E-5	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.70E-5	0.025	<LOQ	<LOQ	Delta-8 THC-O Acetate	50.000	2.70E-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	Delta8-THCP	50.000	3.75E-4	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			0.830	0.0830
						Total Active THC	50.000			<LOQ	<LOQ

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Definitions are found on page 1  
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