



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton park DR Birmingham, Alabama 35216	<b>Manufactured by:</b> <b>USA HEMP SOLUTIONS</b> Food Entity Number # 393546 2630 W 81ST HIALEAH, FL 33016	<b>Batch #</b> 20250661099 <b>Batch Date:</b> 2025-06-20 <b>Extracted From:</b> Hemp	<b>Test Reg State:</b> Georgia <b>Food Permit #:</b> 393546
<b>Order #</b> FLY250620-190001 <b>Order Date:</b> 2025-06-20 <b>Sample #</b> AAGV527 <b>Statement of Amendment:</b> Report format; Merging Reports	<b>Sampling Date:</b> 2025-06-23 <b>Lab Batch Date:</b> 2025-06-23 <b>Orig. Completion Date:</b> 2025-07-01	<b>Initial Gross Weight:</b> 24.400 g	<b>Number of Units:</b> 2 <b>Net Weight per Unit:</b> 9000.000 mg <b>Sampling Method:</b> MSP 7.3.1



<b>Potency Tested</b>	<b>HHCP Tested</b>	<b>Pathogenic Microbiology Passed</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 (LCUV) (GA) + Potency 25 (LCUV)**

Specimen Weight: 509.710 mg

**Tested**

SOP13.001 (LCUV)

**Potency Summary**

<b>0.209%</b> <b>Total HHC</b> 18.810 mg	<b>Total Active THC</b> None Detected
<b>0.426%</b> <b>Total Active CBD</b> 38.34 mg	<b>Total CBG</b> 7.74 mg
<b>0.809%</b> <b>Total CBN</b> 72.81 mg	<b>Total Cannabinoids</b> 7989.75 mg
<b>81.398%</b> <b>Total DELTA-8-THC</b> 7325.82 mg	

Summary Results determined from two distinct Potency Tests - **Potency (LCUV) (GA) + Potency 25 (LCUV)**  
The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	813.9800	81.3980
Delta9-THCP	50.000	1.17E-5	0.012	45.6500	4.5650
CBN	50.000	1.40E-5	0.015	8.0900	0.8090
Delta-8 THCV	50.000	4.00E-5	0.015	6.8000	0.6800
CBD	50.000	5.40E-5	0.015	4.2600	0.4260
CBT	50.000	2.00E-4	0.015	3.6700	0.3670
Delta8-THCP	50.000	3.75E-4	0.015	1.1300	0.1130
CBL	50.000	3.50E-5	0.015	0.8800	0.0880
CBG	50.000	2.48E-4	0.015	0.5800	0.0580
CBGA	50.000	8.00E-5	0.015	0.3200	0.0320
Delta-10 THC	50.000	3.00E-6	0.015	0.3000	0.0300
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	50.000	2.80E-4	0.075	<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
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
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			4.260	0.426
Total Active THC	50.000			<LOQ	<LOQ

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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), (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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<b>Order #</b> FLY250620-190001 <b>Order Date:</b> 2025-06-20 <b>Sample #</b> AAGV527	<b>Sampling Date:</b> 2025-06-23 <b>Lab Batch Date:</b> 2025-06-23 <b>Orig. Completion Date:</b> 2025-07-01	<b>Initial Gross Weight:</b> 24.400 g	<b>Number of Units:</b> 2 <b>Net Weight per Unit:</b> 9000.000 mg <b>Sampling Method:</b> MSP 7.3.1

**2,3-butanedione(Diacetyl)**  
Specimen Weight: 18.600 mg

**Passed**  
SOP13.039 (GCMS-HS)

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

**Microbiology Pathogenic AE qPCR - (GA)**  
Specimen Weight: 1036.000 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	1	STEC	1	Passed

**Microbiology AC TYM BTGN plating - (GA)**  
Specimen Weight: 1009.200 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			

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**E Vitamin E (Tocopheryl Acetate)** **Passed**  
Specimen Weight: 603.600 mg 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)** **Passed**  
Specimen Weight: 249.800 mg SOP13.048 (ICP-MS)

Dilution Factor: 200.160

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)** **Passed**  
Specimen Weight: 18.600 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	0.4167	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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**Mycotoxins - (GA)**  
Specimen Weight: 603.600 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: 509.700 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	<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	2.0900	0.209 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	2.0900	0.209	
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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**Pesticides - (GA)**  
Specimen Weight: 603.600 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	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	16.679	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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