



## Certificate of Analysis

Compliance Test

**Client Information:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

Statement of Amendment: Merging reports; AAHD066



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2 3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology  
Tested**



**Vitamin E  
Passed**



**Filtration and Foreign  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>1.10%</b>
per Serving	0.00 mg	per Serving	0.0730 mg
per Package	0.00 mg	per Package	32.9 mg
<b>Total Cannabinoids</b>	<b>95.5%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	6.37 mg	per Serving	0.00 mg
per Package	2860 mg	per Package	0.00 mg
<b>Total DELTA-8-THC</b>	<b>91.6%</b>	<b>Total DELTA9-THCP</b>	<b>2.06%</b>
per Serving	6.11 mg	per Serving	0.137 mg
per Package	2750 mg	per Package	61.7 mg

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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. 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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**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Potency 25 (LCUV)**

Specimen Weight: 502.180 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	50.000	2.600000E-5	0.015	916	91.6	6.11	2750
Delta9-THCP	50.000	1.170000E-5	0.012	20.6	2.06	0.137	61.7
CBN	50.000	1.400000E-5	0.015	11.0	1.10	0.0730	32.9
Delta-8 THCV	50.000	4.000000E-5	0.015	3.86	0.386	0.0257	11.6
CBT	50.000	2.000000E-4	0.015	2.68	0.268	0.0179	8.04
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.00300	1.35
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBD	50.000	5.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			<LOQ	<LOQ	0.00	0.00

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



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FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

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2025-10-01  
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### Initial Gross Weight:

24.550 g

Net Weight: 3.000 g

### Net Weight per Package:

3000.000 mg

Sampling Method:  
MSP 7.3.1

### Net Weight per Serving:

6.6667 mg

Servings Per Package:  
450



### 2,3-butanedione(Diacetyl)

Specimen Weight: 16.000 mg

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

Dilution Factor: 1.000

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



### Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1000.400 mg

**Tested**  
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

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			



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1012.200 mg

**Passed**  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist  
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#### Initial Gross Weight:

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Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### Vitamin E (Tocopheryl Acetate)

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



### Heavy Metals

Specimen Weight: 247.650 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



### Mycotoxins

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

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Servings Per Package:  
450



**Residual Solvents - FL (CBD)**

Specimen Weight: 16.000 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

*Aixia Sun*

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Servings Per Package:  
450

**Pesticides Florida**

Specimen Weight: 599.620 mg

Dilution Factor: 2.500

**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)
Abamectin	0.399	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

*Aixia Sun*

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Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

Statement of Amendment: Merging reports; AAHD066



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2 3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology  
Tested**



**Vitamin E  
Passed**



**Filth and Foreign  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>1.10%</b>
per Serving	0.00 mg	per Serving	0.0730 mg
per Package	0.00 mg	per Package	32.9 mg
<b>Total Cannabinoids</b>	<b>95.5%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	6.37 mg	per Serving	0.00 mg
per Package	2860 mg	per Package	0.00 mg
<b>Total DELTA-8-THC</b>	<b>91.6%</b>	<b>Total DELTA9-THCP</b>	<b>2.06%</b>
per Serving	6.11 mg	per Serving	0.137 mg
per Package	2750 mg	per Package	61.7 mg

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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. 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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Potency 25 (LCUV)**

Specimen Weight: 502.180 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	50.000	2.600000E-5	0.015	916	91.6	6.11	2750
Delta9-THCP	50.000	1.170000E-5	0.012	20.6	2.06	0.137	61.7
CBN	50.000	1.400000E-5	0.015	11.0	1.10	0.0730	32.9
Delta-8 THCV	50.000	4.000000E-5	0.015	3.86	0.386	0.0257	11.6
CBT	50.000	2.000000E-4	0.015	2.68	0.268	0.0179	8.04
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.00300	1.35
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBD	50.000	5.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			<LOQ	<LOQ	0.00	0.00

Aixa Sun

Lab Director/Principal Scientist

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



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Compliance Test

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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

### Order Details:

Test Reg State: Florida

### Food Permits:

State: FL - #393546

### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

### Sampling Date:

2025-10-01  
Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

### Initial Gross Weight:

24.550 g

### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### 2,3-butanedione(Diacetyl)

Specimen Weight: 16.000 mg

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

Dilution Factor: 1.000

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



### Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1000.400 mg

**Tested**  
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

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			



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1012.200 mg

**Passed**  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

*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:

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

#### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

#### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

#### Order Details:

Test Reg State: Florida

#### Food Permits:

State: FL - #393546

#### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

#### Sampling Date:

2025-10-01  
Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

#### Initial Gross Weight:

24.550 g  
Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### Vitamin E (Tocopheryl Acetate)

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



### Heavy Metals

Specimen Weight: 247.650 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



### Mycotoxins

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Residual Solvents - FL (CBD)**

Specimen Weight: 16.000 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

*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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Pesticides Florida**

Specimen Weight: 599.620 mg

Dilution Factor: 2.500

**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)
Abamectin	0.399	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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

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2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

Statement of Amendment: Merging reports; AAHD066



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2 3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology  
Tested**



**Vitamin E  
Passed**



**Filth and Foreign  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>1.10%</b>
per Serving	0.00 mg	per Serving	0.0730 mg
per Package	0.00 mg	per Package	32.9 mg
<b>Total Cannabinoids</b>	<b>95.5%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	6.37 mg	per Serving	0.00 mg
per Package	2860 mg	per Package	0.00 mg
<b>Total DELTA-8-THC</b>	<b>91.6%</b>	<b>Total DELTA9-THCP</b>	<b>2.06%</b>
per Serving	6.11 mg	per Serving	0.137 mg
per Package	2750 mg	per Package	61.7 mg

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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. 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:

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

#### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

#### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

#### Order Details:

Test Reg State: Florida

#### Food Permits:

State: FL - #393546

#### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

#### Sampling Date: 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

#### Initial Gross Weight: 24.550 g

Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



#### Potency 25 (LCUV)

Specimen Weight: 502.180 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	50.000	2.600000E-5	0.015	916	91.6	6.11	2750
Delta-9-THCP	50.000	1.170000E-5	0.012	20.6	2.06	0.137	61.7
CBN	50.000	1.400000E-5	0.015	11.0	1.10	0.0730	32.9
Delta-8 THCV	50.000	4.000000E-5	0.015	3.86	0.386	0.0257	11.6
CBT	50.000	2.000000E-4	0.015	2.68	0.268	0.0179	8.04
Delta-8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.00300	1.35
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBD	50.000	5.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			<LOQ	<LOQ	0.00	0.00

*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:

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

### Order Details:

Test Reg State: Florida

### Food Permits:

State: FL - #393546

### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

### Sampling Date:

2025-10-01  
Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

### Initial Gross Weight:

24.550 g

Net Weight: 3.000 g

### Net Weight per Package:

3000.000 mg

Sampling Method:  
MSP 7.3.1

### Net Weight per Serving:

6.6667 mg

Servings Per Package:  
450



### 2,3-butanedione(Diacetyl)

Specimen Weight: 16.000 mg

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

Dilution Factor: 1.000

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



### Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1000.400 mg

**Tested**  
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

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			



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1012.200 mg

**Passed**  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

*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:

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

#### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

#### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

#### Order Details:

Test Reg State: Florida

#### Food Permits:

State: FL - #393546

#### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

#### Sampling Date: 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

#### Initial Gross Weight: 24.550 g

Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



#### Vitamin E (Tocopheryl Acetate)

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



#### Heavy Metals

Specimen Weight: 247.650 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



#### Mycotoxins

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Residual Solvents - FL (CBD)**

Specimen Weight: 16.000 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

**Pesticides Florida**

Specimen Weight: 599.620 mg

Dilution Factor: 2.500

**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)
Abamectin	0.399	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim MethyI	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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

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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

Statement of Amendment: Merging reports; AAHD066



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2 3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology  
Tested**



**Vitamin E  
Passed**



**Filth and Foreign  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>1.10%</b>
per Serving	0.00 mg	per Serving	0.0730 mg
per Package	0.00 mg	per Package	32.9 mg
<b>Total Cannabinoids</b>	<b>95.5%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	6.37 mg	per Serving	0.00 mg
per Package	2860 mg	per Package	0.00 mg
<b>Total DELTA-8-THC</b>	<b>91.6%</b>	<b>Total DELTA9-THCP</b>	<b>2.06%</b>
per Serving	6.11 mg	per Serving	0.137 mg
per Package	2750 mg	per Package	61.7 mg

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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Potency 25 (LCUV)**

Specimen Weight: 502.180 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	50.000	2.600000E-5	0.015	916	91.6	6.11	2750
Delta9-THCP	50.000	1.170000E-5	0.012	20.6	2.06	0.137	61.7
CBN	50.000	1.400000E-5	0.015	11.0	1.10	0.0730	32.9
Delta-8 THCV	50.000	4.000000E-5	0.015	3.86	0.386	0.0257	11.6
CBT	50.000	2.000000E-4	0.015	2.68	0.268	0.0179	8.04
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.00300	1.35
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBD	50.000	5.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			<LOQ	<LOQ	0.00	0.00

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



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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

### Order Details:

Test Reg State: Florida

### Food Permits:

State: FL - #393546

### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

### Sampling Date:

2025-10-01  
Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

### Initial Gross Weight:

24.550 g

### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### 2,3-butanedione(Diacetyl)

Specimen Weight: 16.000 mg

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

Dilution Factor: 1.000

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



### Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1000.400 mg

**Tested**  
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

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			



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1012.200 mg

**Passed**  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

*Aixia Sun*

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



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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

#### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

#### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

#### Order Details:

Test Reg State: Florida

#### Food Permits:

State: FL - #393546

#### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

#### Sampling Date: 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

#### Initial Gross Weight: 24.550 g

Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



#### Vitamin E (Tocopheryl Acetate)

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



#### Heavy Metals

Specimen Weight: 247.650 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



#### Mycotoxins

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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



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624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Residual Solvents - FL (CBD)**

Specimen Weight: 16.000 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

*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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Pesticides Florida**

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim MethyI	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

Aixia Sun

Lab Director/Principal Scientist

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



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USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

Statement of Amendment: Merging reports; AAHD066



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2 3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology  
Tested**



**Vitamin E  
Passed**



**Filth and Foreign  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>1.10%</b>
per Serving	0.00 mg	per Serving	0.0730 mg
per Package	0.00 mg	per Package	32.9 mg
<b>Total Cannabinoids</b>	<b>95.5%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	6.37 mg	per Serving	0.00 mg
per Package	2860 mg	per Package	0.00 mg
<b>Total DELTA-8-THC</b>	<b>91.6%</b>	<b>Total DELTA9-THCP</b>	<b>2.06%</b>
per Serving	6.11 mg	per Serving	0.137 mg
per Package	2750 mg	per Package	61.7 mg

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. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Potency 25 (LCUV)**

Specimen Weight: 502.180 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	50.000	2.600000E-5	0.015	916	91.6	6.11	2750
Delta9-THCP	50.000	1.170000E-5	0.012	20.6	2.06	0.137	61.7
CBN	50.000	1.400000E-5	0.015	11.0	1.10	0.0730	32.9
Delta-8 THCV	50.000	4.000000E-5	0.015	3.86	0.386	0.0257	11.6
CBT	50.000	2.000000E-4	0.015	2.68	0.268	0.0179	8.04
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.00300	1.35
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBD	50.000	5.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBNA	50.000	9.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	50.000	7.000000E-6	0.015	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			<LOQ	<LOQ	0.00	0.00

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:

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

### Order Details:

Test Reg State: Florida

### Food Permits:

State: FL - #393546

### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

### Sampling Date:

2025-10-01  
Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

### Initial Gross Weight:

24.550 g

### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### 2,3-butanedione(Diacetyl)

Specimen Weight: 16.000 mg

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

Dilution Factor: 1.000

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



### Microbiology AC TYM BTGN plating - (GA)

Specimen Weight: 1000.400 mg

**Tested**  
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

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			



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1012.200 mg

**Passed**  
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

*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

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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

#### Manufacturing Facility:

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

#### Batch Data:

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

#### Order Details:

Test Reg State: Florida

#### Food Permits:

State: FL - #393546

#### Order #

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

#### Sampling Date: 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

#### Initial Gross Weight: 24.550 g

Net Weight: 3.000 g

#### Net Weight per Package:

3000.000 mg  
Sampling Method:  
MSP 7.3.1

#### Net Weight per Serving:

6.6667 mg  
Servings Per Package:  
450



### Vitamin E (Tocopheryl Acetate)

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



### Heavy Metals

Specimen Weight: 247.650 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ



### Mycotoxins

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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



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Compliance Test

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**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450



**Residual Solvents - FL (CBD)**

Specimen Weight: 16.000 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

*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:**

**Flying Horse**

624 Hampton park DR  
Birmingham, Alabama  
35216

**Manufacturing Facility:**

USA HEMP SOLUTIONS  
2630 W 81ST  
HIALEAH, FL 33016

**Batch Data:**

Batch # 2025092002591  
Batch Date: 2025-09-30  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250930-020001  
Order Date: 2025-09-30  
Sample # AAHC825

**Sampling Date:** 2025-10-01

Lab Batch Date: 2025-10-01  
Orig. Completion Date: 2025-10-03

**Initial Gross Weight:** 24.550 g

Net Weight: 3.000 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

6.6667 mg  
Servings Per Package:  
450

**Pesticides Florida**

Specimen Weight: 599.620 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim MethyI	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist

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