



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB959 AAHF271



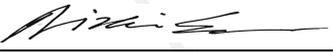
Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration and Foreign Passed</b>			

**Potency Summary**

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0500%</b>
per Serving	0.00 mg	per Serving	0.102 mg
per Package	0.00 mg	per Package	1.90 mg
<b>Total CBN</b>	<b>1.11%</b>	<b>Total Cannabinoids</b>	<b>97.3%</b>
per Serving	2.25 mg	per Serving	198 mg
per Package	42.0 mg	per Package	3700 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>93.4%</b>
per Serving	0.00 mg	per Serving	190 mg
per Package	0.00 mg	per Package	3550 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 502.040 mg

Pieces For Panel: 1

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	934	93.4	190	3550
Delta9-THCP	50.000	1.170000E-5	0.012	19.1	1.91	3.89	72.7
CBN	50.000	1.400000E-5	0.015	11.1	1.11	2.25	42.0
CBT	50.000	2.000000E-4	0.015	4.02	0.402	0.818	15.3
Delta-8 THCv	50.000	4.000000E-5	0.015	3.86	0.386	0.786	14.7
CBG	50.000	2.480000E-4	0.015	0.500	0.0500	0.102	1.90
CBL	50.000	3.500000E-5	0.015	0.440	0.0440	0.0896	1.67
Delta8-THCP	50.000	3.750000E-4	0.015	0.440	0.0440	0.0896	1.67
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 16.700 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 495.100 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1007.100 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1010.500 mg Dilution Factor: 1.000	<b>Passed</b>																					
	SOP13.019 (Micro Array)																					
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result (cfu/g)</th> <th>Analyte</th> <th>Result (cfu/g)</th> </tr> </thead> <tbody> <tr> <td>Aspergillus flavus</td> <td>Absence in 1g</td> <td>E.Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus fumigatus</td> <td>Absence in 1g</td> <td>Salmonella</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus niger</td> <td>Absence in 1g</td> <td>STEC E. Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus terreus</td> <td>Absence in 1g</td> <td></td> <td></td> </tr> </tbody> </table>	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				
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)



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 100.490 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 16.700 mg								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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162339 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB439	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 618.200 mg

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

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Pacllobutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB958 AAHB438

Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration Passed</b>			

**Potency Summary**

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0490%</b>
per Serving	0.00 mg	per Serving	0.0997 mg
per Package	0.00 mg	per Package	1.86 mg
<b>Total CBN</b>	<b>1.11%</b>	<b>Total Cannabinoids</b>	<b>98.8%</b>
per Serving	2.27 mg	per Serving	201 mg
per Package	42.3 mg	per Package	3750 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>94.8%</b>
per Serving	0.00 mg	per Serving	193 mg
per Package	0.00 mg	per Package	3600 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 501.670 mg

Pieces For Panel: 1

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	948	94.8	193	3600
Delta9-THCP	50.000	1.170000E-5	0.012	18.9	1.89	3.85	71.8
CBN	50.000	1.400000E-5	0.015	11.1	1.11	2.27	42.3
CBT	50.000	2.000000E-4	0.015	4.00	0.400	0.814	15.2
Delta-8 THCv	50.000	4.000000E-5	0.015	3.83	0.383	0.780	14.6
CBG	50.000	2.480000E-4	0.015	0.490	0.0490	0.0997	1.86
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.0916	1.71
CBL	50.000	3.500000E-5	0.015	0.440	0.0440	0.0896	1.67
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 18.400 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 516.900 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1005.400 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1018.000 mg	<b>Passed</b> 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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**HHCP HHCP** **Tested**  
Specimen Weight: 101.100 mg SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ 9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ Total HHC		0.075	<LOQ	<LOQ

**Residual Solvents - FL (CBD)** **Passed**  
Specimen Weight: 18.400 mg 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)

**Definitions are found on page 1**

*This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for 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*





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162338 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB438	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 586.700 mg

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

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Paclbutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19

Statement of Amendment ; Merging reports; AAHB956 AAHF268



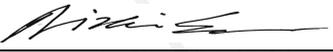
Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration Passed</b>			

### Potency Summary

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0560%</b>
per Serving	0.00 mg	per Serving	0.114 mg
per Package	0.00 mg	per Package	2.13 mg
<b>Total CBN</b>	<b>1.11%</b>	<b>Total Cannabinoids</b>	<b>96.8%</b>
per Serving	2.26 mg	per Serving	197 mg
per Package	42.2 mg	per Package	3680 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>92.9%</b>
per Serving	0.00 mg	per Serving	189 mg
per Package	0.00 mg	per Package	3530 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 501.930 mg

Pieces For Panel: 1

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	929	92.9	189	3530
Delta9-THCP	50.000	1.170000E-5	0.012	18.5	1.85	3.76	70.1
CBN	50.000	1.400000E-5	0.015	11.1	1.11	2.26	42.2
CBT	50.000	2.000000E-4	0.015	4.01	0.401	0.816	15.2
Delta-8 THCv	50.000	4.000000E-5	0.015	3.96	0.396	0.806	15.0
CBG	50.000	2.480000E-4	0.015	0.560	0.0560	0.114	2.13
CBL	50.000	3.500000E-5	0.015	0.440	0.0440	0.0896	1.67
Delta8-THCP	50.000	3.750000E-4	0.015	0.440	0.0440	0.0896	1.67
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 18.200 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 479.100 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1010.200 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Net Weight: 3.800 g	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1014.100 mg	<b>Passed</b> 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

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



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>E Vitamin E (Tocopheryl Acetate)</b> Specimen Weight: 600.600 mg Dilution Factor: 2.500	<b>Passed</b> SOP13.007 (LCMS/GCMS)			
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

<b>H Heavy Metals</b> Specimen Weight: 248.200 mg Dilution Factor: 201	<b>Passed</b> SOP13.048 (ICP-MS)								
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

<b>Mycotoxins</b> Specimen Weight: 600.600 mg Dilution Factor: 2.500	<b>Passed</b> 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	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)



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 101.230 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 18.200 mg								SOP13.039 (GCMS-MS)	
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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162336 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB436	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 600.600 mg

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

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Paclbutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## 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 # 162331  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250905-100001  
Order Date: 2025-09-05  
Sample # AAHB431

**Sampling Date:** 2025-09-08

Lab Batch Date: 2025-09-08  
Orig. Completion Date:  
2025-09-29

**Initial Gross Weight:** 19.200 g

**Net Weight per Package:**

3800.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

203.5678 mg  
Servings Per Package:  
19

Statement of Amendment: ; Merging reports; AAHB951 AAHF259



Product Image



Potency  
Tested



HHCP  
Tested



Heavy Metals  
Passed



2 3-Butanedione  
Passed



Mycotoxins  
Passed



Pesticides  
Passed



Residual Solvents  
Passed



Pathogenic Microbiology  
Passed



Microbiology (qPCR)  
Passed



Microbiology  
Tested



Vitamin E  
Passed



Filth and Foreign  
Passed

### Potency Summary

<b>Total HHC</b>	<LOQ	<b>Delta 9 THC</b>	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total Active CBD</b>	<LOQ	<b>Total CBG</b>	0.0490%
per Serving	0.00 mg	per Serving	0.0997 mg
per Package	0.00 mg	per Package	1.86 mg
<b>Total CBN</b>	1.13%	<b>Total Cannabinoids</b>	99.1%
per Serving	2.29 mg	per Serving	202 mg
per Package	42.8 mg	per Package	3770 mg
<b>Total Active THC</b>	<LOQ	<b>Total DELTA-8-THC</b>	95.2%
per Serving	0.00 mg	per Serving	194 mg
per Package	0.00 mg	per Package	3620 mg

\* 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 = Delta 8-THCP + Delta 9-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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.



## 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 # 162331  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250905-100001  
Order Date: 2025-09-05  
Sample # AAHB431

**Sampling Date:** 2025-09-08

Lab Batch Date: 2025-09-08  
Orig. Completion Date:  
2025-09-29

**Initial Gross Weight:** 19.200 g

**Net Weight per Package:**

3800.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

203.5678 mg  
Servings Per Package:  
19

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

Specimen Weight: 500.200 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 1

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	952	95.2	194	3620
Delta9-THCP	50.000	1.170000E-5	0.012	19.3	1.93	3.92	73.2
CBN	50.000	1.400000E-5	0.015	11.3	1.13	2.29	42.8
CBT	50.000	2.000000E-4	0.015	4.04	0.404	0.822	15.4
Delta-8 THCV	50.000	4.000000E-5	0.015	3.84	0.384	0.782	14.6
CBG	50.000	2.480000E-4	0.015	0.490	0.0490	0.0997	1.86
CBL	50.000	3.500000E-5	0.015	0.450	0.0450	0.0916	1.71
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.0916	1.71
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





## 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 # 162331  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250905-100001  
Order Date: 2025-09-05  
Sample # AAHB431

**Sampling Date:** 2025-09-08

Lab Batch Date: 2025-09-08  
Orig. Completion Date:  
2025-09-29

**Initial Gross Weight:** 19.200 g

**Net Weight per Package:**

3800.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

203.5678 mg  
Servings Per Package:  
19



**2,3-butanedione(Diacetyl)**

Specimen Weight: 16.300 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



**PCR Total Yeast and Mold**

Specimen Weight: 477.900 mg

**Passed**  
SOP13.017 (qPCR)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ



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

Specimen Weight: 1002.800 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 - (GA)**

Net Weight: 3.800 g

**Passed**  
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			

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





## Certificate of Analysis

### Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162331 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB431	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1006.800 mg			<b>Passed</b> 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)

**Definitions are found on page 1**  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





## 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 # 162331  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250905-100001  
Order Date: 2025-09-05  
Sample # AAHB431

**Sampling Date:** 2025-09-08

Lab Batch Date: 2025-09-08  
Orig. Completion Date:  
2025-09-29

**Initial Gross Weight:** 19.200 g

**Net Weight per Package:**

3800.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

203.5678 mg  
Servings Per Package:  
19

**E Vitamin E (Tocopheryl Acetate)**

Specimen Weight: 619.600 mg

Dilution Factor: 2.420

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

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

**H Heavy Metals**

Specimen Weight: 247.900 mg

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

**Passed**  
SOP13.048 (ICP-MS)

**Mycotoxins**

Specimen Weight: 619.600 mg

Dilution Factor: 2.420

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	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					

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

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





## Certificate of Analysis

### Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162331 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 Order Date: 2025-09-05 Sample # AAHB431	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP				Tested			
Specimen Weight: 100.550 mg				SOP13.050 (LCMS)			
Dilution Factor: 10000.000							
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)
(9R)-HHC	0.000	0.075	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	CBC	0.000	0.075	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	H2-CBD	0.000	0.075	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	Total HHC		0.075	<LOQ

Residual Solvents - FL (CBD)				Passed					
Specimen Weight: 16.300 mg				SOP13.039 (GCMS-MS)					
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)

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





## 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 # 162331  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

State: FL - #393546

**Order #**

FLY250905-100001  
Order Date: 2025-09-05  
Sample # AAHB431

**Sampling Date:** 2025-09-08

Lab Batch Date: 2025-09-08  
Orig. Completion Date:  
2025-09-29

**Initial Gross Weight:** 19.200 g

**Net Weight per Package:**

3800.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

203.5678 mg  
Servings Per Package:  
19

**Pesticides Florida**

Specimen Weight: 619.600 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.420

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	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	Imazail	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
Chloromequat 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
Clofentazine	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
Fonicamid	0.466	24.8	100	<LOQ					

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB955 AAHF267



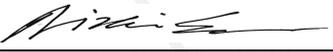
Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration Passed</b>			

**Potency Summary**

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0530%</b>
per Serving	0.00 mg	per Serving	0.108 mg
per Package	0.00 mg	per Package	2.01 mg
<b>Total CBN</b>	<b>1.12%</b>	<b>Total Cannabinoids</b>	<b>96.6%</b>
per Serving	2.27 mg	per Serving	197 mg
per Package	42.4 mg	per Package	3670 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>92.7%</b>
per Serving	0.00 mg	per Serving	189 mg
per Package	0.00 mg	per Package	3520 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 501.940 mg

Pieces For Panel: 1

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	927	92.7	189	3520
Delta9-THCP	50.000	1.170000E-5	0.012	18.6	1.86	3.79	70.8
CBN	50.000	1.400000E-5	0.015	11.2	1.12	2.27	42.4
CBT	50.000	2.000000E-4	0.015	4.03	0.403	0.820	15.3
Delta-8 THCv	50.000	4.000000E-5	0.015	3.91	0.391	0.796	14.9
CBG	50.000	2.480000E-4	0.015	0.530	0.0530	0.108	2.01
CBL	50.000	3.500000E-5	0.015	0.460	0.0460	0.0936	1.75
Delta8-THCP	50.000	3.750000E-4	0.015	0.440	0.0440	0.0896	1.67
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 15.000 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 520.800 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 996.800 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Net Weight: 3.800 g	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1025.400 mg Dilution Factor: 1.000	<b>Passed</b>																					
	SOP13.019 (Micro Array)																					
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result (cfu/g)</th> <th>Analyte</th> <th>Result (cfu/g)</th> </tr> </thead> <tbody> <tr> <td>Aspergillus flavus</td> <td>Absence in 1g</td> <td>E.Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus fumigatus</td> <td>Absence in 1g</td> <td>Salmonella</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus niger</td> <td>Absence in 1g</td> <td>STEC E. Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus terreus</td> <td>Absence in 1g</td> <td></td> <td></td> </tr> </tbody> </table>	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				
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)



**Definitions are found on page 1**  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 101.800 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 15.000 mg								SOP13.039 (GCMS-MS)	
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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162335 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB435	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.200 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 599.800 mg

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

Dilution Factor: 2.500

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Paclbutrazol	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
Etoazole	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
Fonicamid	0.466	24.8	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

Statement of Amendment: Merging reports; AAHB437



Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Passed</b>
<b>Vitamin E Passed</b>	<b>Filtration and Foreign Passed</b>			

### Potency Summary

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</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 CBN</b>	<b>1.06%</b>	<b>Total Cannabinoids</b>	<b>90.9%</b>
per Serving	0.0708 mg	per Serving	6.06 mg
per Package	40.4 mg	per Package	3450 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>87.2%</b>
per Serving	0.00 mg	per Serving	5.81 mg
per Package	0.00 mg	per Package	3310 mg

\* 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.  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 503.310 mg

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	872	87.2	5.81	3310
Delta9-THCP	50.000	1.170000E-5	0.012	20.1	2.01	0.134	76.3
CBN	50.000	1.400000E-5	0.015	10.6	1.06	0.0708	40.4
Delta-8 THCV	50.000	4.000000E-5	0.015	3.92	0.392	0.0261	14.9
CBT	50.000	2.000000E-4	0.015	2.53	0.253	0.0169	9.61
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
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
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
Delta8-THCP	50.000	3.750000E-4	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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 18.000 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 519.900 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1002.600 mg	<b>Passed</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





## Certificate of Analysis

### Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1034.800 mg	<b>Passed</b> 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)

Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.







**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

**HHCP HHCP** **Tested**  
Specimen Weight: 100.800 mg SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ 9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ Total HHC		0.075	<LOQ	<LOQ

**Residual Solvents - FL (CBD)** **Passed**  
Specimen Weight: 18.000 mg 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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY251112-010007 Order Date: 2025-11-12 Sample # AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

**Pesticides Florida**  
Specimen Weight: 586.500 mg

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

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Pacllobutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162337 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Georgia	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY251112-010007 <b>Order Date:</b> 2025-11-12 <b>Sample #</b> AAHF269	<b>Sampling Date:</b> 2025-11-12 <b>Lab Batch Date:</b> 2025-11-12 <b>Orig. Completion Date:</b> 2025-11-18	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 6.6667 mg <b>Servings Per Package:</b> 570
--	---	---------------------------------------	---	--

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

Dilution Factor: 500.000  
Specimen Weight: 503.310 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%) Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	0.000	0.015	872	87.2 CBC	50.000	0.000	0.075	<LOQ	<LOQ
Delta9-THCP	50.000	0.000	0.012	20.1	2.01 CBCA	50.000	0.000	0.015	<LOQ	<LOQ
CBN	50.000	0.000	0.015	10.6	1.06 CBDV	50.000	0.000	0.015	<LOQ	<LOQ
Delta-8 THCv	50.000	0.000	0.015	3.92	0.392 CBDVA	50.000	0.000	0.015	<LOQ	<LOQ
CBT	50.000	0.000	0.015	2.53	0.253 CBL	50.000	0.000	0.015	<LOQ	<LOQ
CBD	50.000	0.000	0.015	<LOQ	<LOQ CBNA	50.000	0.000	0.015	<LOQ	<LOQ
CBDA	50.000	0.000	0.015	<LOQ	<LOQ Delta-8 THC-O Acetate	50.000	0.000	0.025	<LOQ	<LOQ
CBG	50.000	0.000	0.015	<LOQ	<LOQ Delta8-THCP	50.000	0.000	0.015	<LOQ	<LOQ
CBGA	50.000	0.000	0.015	<LOQ	<LOQ THCB	50.000	0.000	0.0163	<LOQ	<LOQ
Delta-10 THC	50.000	0.000	0.015	<LOQ	<LOQ THCH	50.000	0.000	0.0163	<LOQ	<LOQ
Delta-9 THC	50.000	0.000	0.015	<LOQ	<LOQ THCV	50.000	0.000	0.015	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	0.000	0.025	<LOQ	<LOQ THCVA	50.000	0.000	0.015	<LOQ	<LOQ
Exo-THC	50.000	0.000	0.015	<LOQ	<LOQ Total Active CBD	50.000			<LOQ	<LOQ
THCA-A	50.000	0.000	0.015	<LOQ	<LOQ Total Active THC	50.000			<LOQ	<LOQ

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB960 AAHF272



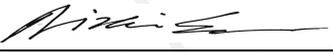
Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration and Foreign Passed</b>			

**Potency Summary**

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0500%</b>
per Serving	0.00 mg	per Serving	0.102 mg
per Package	0.00 mg	per Package	1.90 mg
<b>Total CBN</b>	<b>1.10%</b>	<b>Total Cannabinoids</b>	<b>96.6%</b>
per Serving	2.24 mg	per Serving	197 mg
per Package	41.8 mg	per Package	3670 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>92.7%</b>
per Serving	0.00 mg	per Serving	189 mg
per Package	0.00 mg	per Package	3520 mg

\* 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 = Delta 8-THCP + Delta 9-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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 503.920 mg

Pieces For Panel: 1

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	927	92.7	189	3520
Delta9-THCP	50.000	1.170000E-5	0.012	18.7	1.87	3.81	71.1
CBN	50.000	1.400000E-5	0.015	11.0	1.10	2.24	41.8
CBT	50.000	2.000000E-4	0.015	4.00	0.400	0.814	15.2
Delta-8 THCv	50.000	4.000000E-5	0.015	3.85	0.385	0.784	14.6
CBG	50.000	2.480000E-4	0.015	0.500	0.0500	0.102	1.90
CBL	50.000	3.500000E-5	0.015	0.450	0.0450	0.0916	1.71
Delta8-THCP	50.000	3.750000E-4	0.015	0.440	0.0440	0.0896	1.67
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 15.000 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 478.000 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 997.500 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1004.300 mg Dilution Factor: 1.000	<b>Passed</b>																					
	SOP13.019 (Micro Array)																					
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result (cfu/g)</th> <th>Analyte</th> <th>Result (cfu/g)</th> </tr> </thead> <tbody> <tr> <td>Aspergillus flavus</td> <td>Absence in 1g</td> <td>E.Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus fumigatus</td> <td>Absence in 1g</td> <td>Salmonella</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus niger</td> <td>Absence in 1g</td> <td>STEC E. Coli</td> <td>Absence in 1g</td> </tr> <tr> <td>Aspergillus terreus</td> <td>Absence in 1g</td> <td></td> <td></td> </tr> </tbody> </table>	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				
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)



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 101.330 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 15.000 mg								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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 1623310 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	---	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB440	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.900 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 605.500 mg

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

Dilution Factor: 2.480

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result
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	Pacllobutrazol	0.186	24.8	100	<LOQ
Chloromequat 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
Fonicamid	0.466	24.8	100	<LOQ					

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

**Definitions are found on page 1**

*This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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*





## 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 # 162333  
Batch Date: 2025-08-28  
Extracted From: Hemp

**Order Details:**  
Test Reg State: Florida

**Food Permits:**  
State: FL - #393546

**Order #**  
FLY250905-100001  
**Order Date:** 2025-09-05  
**Sample #** AAHB433

**Sampling Date:** 2025-09-08  
**Lab Batch Date:** 2025-09-08  
**Orig. Completion Date:** 2025-09-29

**Initial Gross Weight:** 18.700 g

**Net Weight per Package:**  
3800.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
203.5678 mg  
**Servings Per Package:**  
19

Statement of Amendment ; Merging reports; AAHB953 AAHF261



<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration Passed</b>			

### Potency Summary

<b>Total HHC</b>	<LOQ	<b>Delta 9 THC</b>	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total Active CBD</b>	<LOQ	<b>Total CBG</b>	0.0490%
per Serving	0.00 mg	per Serving	0.0997 mg
per Package	0.00 mg	per Package	1.86 mg
<b>Total CBN</b>	1.11%	<b>Total Cannabinoids</b>	97.1%
per Serving	2.25 mg	per Serving	198 mg
per Package	42.0 mg	per Package	3690 mg
<b>Total Active THC</b>	<LOQ	<b>Total DELTA-8-THC</b>	93.2%
per Serving	0.00 mg	per Serving	190 mg
per Package	0.00 mg	per Package	3540 mg

\* 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 = Delta 8-THCP + Delta 9-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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162333 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 Order Date: 2025-09-05 Sample # AAHB433	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.700 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 509.150 mg

Pieces For Panel: 1

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	932	93.2	190	3540
Delta9-THCP	50.000	1.170000E-5	0.012	18.6	1.86	3.79	70.7
CBN	50.000	1.400000E-5	0.015	11.1	1.11	2.25	42.0
CBT	50.000	2.000000E-4	0.015	4.00	0.400	0.814	15.2
Delta-8 THCv	50.000	4.000000E-5	0.015	3.75	0.375	0.763	14.3
CBG	50.000	2.480000E-4	0.015	0.490	0.0490	0.0997	1.86
CBL	50.000	3.500000E-5	0.015	0.460	0.0460	0.0936	1.75
Delta8-THCP	50.000	3.750000E-4	0.015	0.430	0.0430	0.0875	1.63
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162333 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB433	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.700 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 15.800 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 489.600 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 996.500 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162333 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB433	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.700 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1019.900 mg	<b>Passed</b> 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

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



**Definitions are found on page 1**

*This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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*





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162333 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB433	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.700 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**HHCP HHCP** **Tested**  
Specimen Weight: 100.750 mg SOP13.050 (LCMS)

Dilution Factor: 10000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ 9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ Total HHC		0.075	<LOQ	<LOQ

**Residual Solvents - FL (CBD)** **Passed**  
Specimen Weight: 15.800 mg 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)

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162333 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB433	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.700 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 606.200 mg

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

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Pacllobutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB952 AAHF260

Product Image

<b>Potency Tested</b>	<b>HHCP 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>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>	<b>Filtration and Foreign Passed</b>			

**Potency Summary**

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0500%</b>
per Serving	0.00 mg	per Serving	0.102 mg
per Package	0.00 mg	per Package	1.90 mg
<b>Total CBN</b>	<b>1.11%</b>	<b>Total Cannabinoids</b>	<b>97.7%</b>
per Serving	2.26 mg	per Serving	199 mg
per Package	42.2 mg	per Package	3710 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>93.8%</b>
per Serving	0.00 mg	per Serving	191 mg
per Package	0.00 mg	per Package	3560 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 506.600 mg

Pieces For Panel: 1

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	938	93.8	191	3560
Delta9-THCP	50.000	1.170000E-5	0.012	18.8	1.88	3.83	71.6
CBN	50.000	1.400000E-5	0.015	11.1	1.11	2.26	42.2
CBT	50.000	2.000000E-4	0.015	4.02	0.402	0.818	15.3
Delta-8 THCv	50.000	4.000000E-5	0.015	3.72	0.372	0.757	14.1
CBG	50.000	2.480000E-4	0.015	0.500	0.0500	0.102	1.90
CBL	50.000	3.500000E-5	0.015	0.460	0.0460	0.0936	1.75
Delta8-THCP	50.000	3.750000E-4	0.015	0.450	0.0450	0.0916	1.71
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 15.900 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 509.300 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1007.800 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1039.200 mg	<b>Passed</b> 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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



**Definitions are found on page 1**  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>E Vitamin E (Tocopheryl Acetate)</b> Specimen Weight: 613.600 mg Dilution Factor: 2.440	<b>Passed</b> SOP13.007 (LCMS/GCMS)			
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

<b>H Heavy Metals</b> Specimen Weight: 253.500 mg Dilution Factor: 197	<b>Passed</b> SOP13.048 (ICP-MS)								
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

<b>Mycotoxins</b> Specimen Weight: 613.600 mg Dilution Factor: 2.440	<b>Passed</b> 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	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)



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 101.330 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC	0.075	0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 15.900 mg								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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162332 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 Order Date: 2025-09-05 Sample # AAHB432	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 19.000 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 613.600 mg

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

Dilution Factor: 2.440

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Pacllobutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

Statement of Amendment ; Merging reports; AAHB954 AAHF266

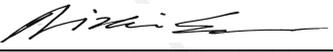


- Potency Tested**
- Pesticides Passed**
- Vitamin E Passed**
- HHCP Tested**
- Residual Solvents Passed**
- Filtration Passed**
- Heavy Metals Passed**
- Pathogenic Microbiology Passed**
- Microbiology (qPCR) Passed**
- Mycotoxins Passed**
- Microbiology Tested**

### Potency Summary

<b>Total HHC</b>	<b>&lt;LOQ</b>	<b>Delta 9 THC</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 Active CBD</b>	<b>&lt;LOQ</b>	<b>Total CBG</b>	<b>0.0540%</b>
per Serving	0.00 mg	per Serving	0.110 mg
per Package	0.00 mg	per Package	2.05 mg
<b>Total CBN</b>	<b>1.10%</b>	<b>Total Cannabinoids</b>	<b>96.6%</b>
per Serving	2.24 mg	per Serving	197 mg
per Package	41.9 mg	per Package	3670 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA-8-THC</b>	<b>92.7%</b>
per Serving	0.00 mg	per Serving	189 mg
per Package	0.00 mg	per Package	3520 mg

\* 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Potency (GA) LCUV + Potency 25 (LCUV)** **Tested** SOP13.001 (LCUV)  
Specimen Weight: 503.150 mg

Pieces For Panel: 1

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	927	92.7	189	3520
Delta9-THCP	50.000	1.170000E-5	0.012	18.8	1.88	3.82	71.3
CBN	50.000	1.400000E-5	0.015	11.0	1.10	2.24	41.9
CBT	50.000	2.000000E-4	0.015	4.01	0.401	0.816	15.2
Delta-8 THCv	50.000	4.000000E-5	0.015	3.91	0.391	0.796	14.9
CBG	50.000	2.480000E-4	0.015	0.540	0.0540	0.110	2.05
Delta8-THCP	50.000	3.750000E-4	0.015	0.440	0.0440	0.0896	1.67
CBL	50.000	3.500000E-5	0.015	0.430	0.0430	0.0875	1.63
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
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-10 THC	50.000	3.000E-6	0.015	<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
CBC	50.000	2.760000E-5	0.075	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	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
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
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 Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>2,3-butanedione(Diacetyl)</b> Specimen Weight: 17.400 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ

<b>PCR Total Yeast and Mold</b> Specimen Weight: 479.300 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 8.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 996.800 mg	<b>Tested</b> 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				

<b>Filth and Foreign Material - (GA)</b> Specimen Weight: N/A Dilution Factor: 1.000	<b>Passed</b> 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			

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> Flying Horse 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
---	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1002.400 mg	<b>Passed</b> 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)



Definitions are found on page 1  
This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

<b>E Vitamin E (Tocopheryl Acetate)</b> Specimen Weight: 601.800 mg Dilution Factor: 2.490	<b>Passed</b> SOP13.007 (LCMS/GCMS)			
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

<b>H Heavy Metals</b> Specimen Weight: 254.700 mg Dilution Factor: 196	<b>Passed</b> SOP13.048 (ICP-MS)								
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

<b>Mycotoxins</b> Specimen Weight: 601.800 mg Dilution Factor: 2.490	<b>Passed</b> 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	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)



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

HHCP		HHCP						Tested	
Specimen Weight: 100.800 mg								SOP13.050 (LCMS)	
Dilution Factor: 10000.000									
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	<LOQ	<LOQ	9(S)-HHCP	0.000	0.075	<LOQ	<LOQ
(9S)-HHC	0.000	0.075	<LOQ	<LOQ	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	0.000	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	<LOQ	<LOQ	Total HHC		0.075	<LOQ	<LOQ

Residual Solvents - FL (CBD)								Passed	
Specimen Weight: 17.410 mg								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)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for 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





## Certificate of Analysis

Compliance Test

<b>Client Information:</b> <b>Flying Horse</b> 624 Hampton Park Dr Birmingham, Alabama 35216	<b>Manufacturing Facility:</b> USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	<b>Batch Data:</b> Batch # 162334 Batch Date: 2025-08-28 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> State: FL - #393546
--	--	--	--	---

<b>Order #</b> FLY250905-100001 <b>Order Date:</b> 2025-09-05 <b>Sample #</b> AAHB434	<b>Sampling Date:</b> 2025-09-08 <b>Lab Batch Date:</b> 2025-09-08 <b>Orig. Completion Date:</b> 2025-09-29	<b>Initial Gross Weight:</b> 18.500 g	<b>Net Weight per Package:</b> 3800.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 203.5678 mg <b>Servings Per Package:</b> 19
--	---	---------------------------------------	---	---

**Pesticides Florida**  
Specimen Weight: 601.800 mg

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

Dilution Factor: 2.490

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Paclbutrazol	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
Fonicamid	0.466	24.8	100	<LOQ					

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

**Definitions are found on page 1**

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. 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

