



Certificate of Analysis

Compliance Test

Client Information: Flying Horse 624 Hampton park DR Birmingham, Alabama 35216	Manufactured by: USA HEMP SOLUTIONS Food Entity Number # 393546 2630 W 81ST HIALEAH, FL 33016	Batch # 20250661099 Batch Date: 2025-06-20 Extracted From: Hemp	Test Reg State: Georgia Food Permit #: 393546
Order # FLY250620-190001 Order Date: 2025-06-20 Sample # AAGV528 Statement of Amendment: Report format; Merging Reports	Sampling Date: 2025-06-23 Lab Batch Date: 2025-06-23 Orig. Completion Date: 2025-07-01	Initial Gross Weight: 24.400 g	Number of Units: 2 Net Weight per Unit: 9000.000 mg Sampling Method: MSP 7.3.1

Potency Tested

HHCP Tested

Pathogenic Microbiology Passed

Heavy Metals Passed

2 3-Butanedione Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Microbiology Passed

Vitamin E Passed

Filth and Foreign Passed

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

Specimen Weight: 506.000 mg

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	810.7900	81.0790
Delta9-THCP	50.000	1.17E-5	0.012	45.6300	4.5630
CBN	50.000	1.40E-5	0.015	8.1500	0.8150
Delta-8 THCV	50.000	4.00E-5	0.015	6.7700	0.6770
CBD	50.000	5.40E-5	0.015	4.3500	0.4350
CBT	50.000	2.00E-4	0.015	3.6200	0.3620
Delta8-THCP	50.000	3.75E-4	0.015	1.0900	0.1090
CBL	50.000	3.50E-5	0.015	1.0100	0.1010
CBG	50.000	2.48E-4	0.015	0.6000	0.0600
Delta-10 THC	50.000	3.00E-6	0.015	0.3100	0.0310
CBGA	50.000	8.00E-5	0.015	0.3000	0.0300
CBDA	50.000	1.00E-5	0.015	<LOQ	<LOQ
Delta-9 THC	50.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	50.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	50.000	2.30E-4	0.015	<LOQ	<LOQ
CBC	50.000	2.76E-5	0.075	<LOQ	<LOQ
CBCA	50.000	1.07E-4	0.015	<LOQ	<LOQ
CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	50.000	1.40E-5	0.015	<LOQ	<LOQ
CBNA	50.000	9.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	<LOQ	<LOQ
THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ
THCB	50.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	50.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
THCVA	50.000	4.70E-5	0.015	<LOQ	<LOQ
Total Active CBD	50.000			4.350	0.435
Total Active THC	50.000			<LOQ	<LOQ

Tested SOP13.001 (LCUV)

Total HHC

0.221%

19.890 mg

Total Active CBD

0.435%

39.15 mg

Total CBN

0.815%

73.35 mg

Total DELTA-8-THC

81.079%

7297.11 mg

Total Active THC

None Detected

Total CBG

0.086%

7.74 mg

Total Cannabinoids

88.483%

7963.47 mg

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + Potency 25 (LCUV)

The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.

Aixa 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 9 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (µg/g) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Client supplied the net weight of mg The results apply to the sample as received. Revised report: see statement of amendment above.
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Order # FLY250620-190001 Order Date: 2025-06-20 Sample # AAGV528		Sampling Date: 2025-06-23 Lab Batch Date: 2025-06-23 Orig. Completion Date: 2025-07-01		Initial Gross Weight: 24.400 g	Number of Units: 2 Net Weight per Unit: 9000.000 mg Sampling Method: MSP 7.3.1

 2,3-butanedione(Diacetyl) Specimen Weight: 18.900 mg				 Passed SOP13.039 (GCMS-HS)		 Microbiology Pathogenic AE qPCR - (GA) Specimen Weight: 1006.500 mg				 Passed SOP13.029 (qPCR)			
Dilution Factor: 1.000						Dilution Factor: 1.000							
Analyte		LOD (ppm)	LOQ (ppm)	Result (ppm)		Analyte		Action Level (cfu/g)	Result (cfu/g)	Analyte		Action Level (cfu/g)	Result (cfu/g)
2,3-Butanedione		.024	0.024	<LOQ		Aspergillus (Flavus, Fumigatus, Niger, Terreus)		1	1	STEC		1	Passed

 Microbiology AC TYM BTGN plating - (GA) Specimen Weight: 1007.200 mg Dilution Factor: 1.000 <table><tr><th>Analyte</th><th>LOQ (cfu/g)</th><th>Action Level (cfu/g)</th><th>Result (cfu/g)</th></tr><tr><td>Bile tolerant gram-negative bacteria</td><td>100</td><td>1000</td><td><100</td></tr><tr><td>Total Aerobic Count</td><td>1000</td><td>100000</td><td><1000</td></tr></table>				Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Bile tolerant gram-negative bacteria	100	1000	<100	Total Aerobic Count	1000	100000	<1000	 Passed SOP13.003 (Petrifilm) <table><tr><th>Analyte</th><th>LOQ (cfu/g)</th><th>Action Level (cfu/g)</th><th>Result (cfu/g)</th></tr><tr><td>Total Yeast/Mold</td><td>1000</td><td>10000</td><td><1000</td></tr></table>				Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Total Yeast/Mold	1000	10000	<1000	 Filth and Foreign Material - (GA) Specimen Weight: N/A Dilution Factor: 1.000 <table><tr><th>Analyte</th><th>Action Level (%)</th><th>Result (%)</th><th>Analyte</th><th>Action Level (%)</th><th>Result (%)</th></tr><tr><td>Covered Area</td><td>10</td><td>0.000</td><td>Weight %</td><td>1</td><td>0.000</td></tr><tr><td>Feces</td><td>0.5</td><td>0.000</td><td></td><td></td><td></td></tr></table>				Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)	Covered Area	10	0.000	Weight %	1	0.000	Feces	0.5	0.000				 Passed SOP13.020 (Electronic Balance)	
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)																																																
Bile tolerant gram-negative bacteria	100	1000	<100																																																
Total Aerobic Count	1000	100000	<1000																																																
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)																																																
Total Yeast/Mold	1000	10000	<1000																																																
Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)																																														
Covered Area	10	0.000	Weight %	1	0.000																																														
Feces	0.5	0.000																																																	

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

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E Vitamin E (Tocopheryl Acetate) **Passed** Specimen Weight: 583.700 mg SOP13.007 (LCMS)

Dilution Factor: 2.570

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

H Heavy Metals - (GA) (Inhalation) **Passed** Specimen Weight: 254.400 mg SOP13.048 (ICP-MS)

Dilution Factor: 196.541

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	200	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	200	<LOQ	Mercury (Hg)	0.016	100	200	<LOQ

P Residual Solvents (GA-4) **Passed** Specimen Weight: 18.900 mg SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	<LOQ	Hexane	0.068	25	100000	<LOQ

Aixia Sun

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Mycotoxins - (GA)
Specimen Weight: 583.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	1.9	20	<LOQ	Aflatoxin G2	2.7100E-1	1.9	20	<LOQ
Aflatoxin B2	7.7000E-2	1.9	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	1.9	20	<LOQ					

HHCP
Specimen Weight: 506.000 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 50000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	<LOQ	<LOQ CBC	2.760000E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	2.2100	0.221 Delta-9 THC	2.8000E-4	0.075	<LOQ	<LOQ
1(R)-H4-CBD	7.330000E-7	0.15	<LOQ	<LOQ Delta-9 THC methyl ether	1.600000E-4	0.075	<LOQ	<LOQ
1(S)-H4-CBD	6.630000E-7	0.15	<LOQ	<LOQ H2-CBD	1.440000E-7	0.075	<LOQ	<LOQ
9(R)-HHCP	3.0900E-5	0.075	<LOQ	<LOQ Total HHC	0.075	2.2100	0.221	
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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

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Pesticides - (GA)
Specimen Weight: 583.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	16.535	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

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