



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 # AAGV523 Statement of Amendment: Report format; Merging Reports	Sampling Date: 2025-06-23 Lab Batch Date: 2025-06-23 Orig. Completion Date: 2025-07-02	Initial Gross Weight: 24.600 g	Number of Units: 2 Net Weight per Unit: 9000.000 mg Sampling Method: MSP 7.3.1



Product Image

Potency Tested	HHCP Tested	Pathogenic Microbiology Passed	Heavy Metals Passed	2-Butanedione Passed
Mycotoxins Passed	Pesticides Passed	Residual Solvents Passed	Microbiology Passed	Vitamin E Passed
Filtration Passed				

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

Specimen Weight: 506.120 mg

Tested
SOP13.001 (LCUV)

Potency Summary

Total HHC 0.208% 18.720 mg	Total Active THC None Detected
Total Active CBD 0.443% 39.87 mg	Total CBG 0.089% 8.01 mg
Total CBN 0.834% 75.06 mg	Total Cannabinoids 91.307% 8217.63 mg
Total DELTA-8-THC 83.827% 7544.43 mg	

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

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	50.000	2.60E-5	0.015	838.2700	83.8270
Delta9-THCP	50.000	1.17E-5	0.012	46.7900	4.6790
CBN	50.000	1.40E-5	0.015	8.3400	0.8340
Delta-8 THCV	50.000	4.00E-5	0.015	6.9800	0.6980
CBD	50.000	5.40E-5	0.015	4.4300	0.4430
CBT	50.000	2.00E-4	0.015	3.7900	0.3790
Delta8-THCP	50.000	3.75E-4	0.015	1.1400	0.1140
CBG	50.000	2.48E-4	0.015	0.6100	0.0610
CBGA	50.000	8.00E-5	0.015	0.3200	0.0320
Delta-10 THC	50.000	3.00E-6	0.015	0.3200	0.0320
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
CBL	50.000	3.50E-5	0.015	<LOQ	<LOQ
CBNA	50.000	9.50E-5	0.015	<LOQ	<LOQ
Delta-8 THC-O Acetate	50.000	2.70E-5	0.025	<LOQ	<LOQ
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			4.430	0.443
Total Active THC	50.000			<LOQ	<LOQ

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (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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 2,3-butanedione(Diacetyl) Specimen Weight: 19.800 mg				 Microbiology Pathogenic AE qPCR - (GA) Specimen Weight: 1031.100 mg		
Dilution Factor: 1.000				Dilution Factor: 1.000		
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	Action Level (cfu/g)	Result (cfu/g)
2,3-Butanedione	.024	0.024	<LOQ			

Microbiology AC TYM BTGN plating - (GA) Specimen Weight: 997.500 mg Passed SOP13.003 (Petrifilm)								Filth and Foreign Material - (GA) Specimen Weight: N/A Dilution Factor: 1.000 Passed SOP13.020 (Electronic Balance)							
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)	Analyte		Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Total Yeast/Mold						1000	10000	<1000	Weight %					1	0.000
Bile tolerant gram-negative bacteria		100	1000	<100											
Total Aerobic Count		1000	100000	<1000											
Feces					Covered Area			10	0.000						
								0.5	0.000						

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Definitions are found on page 1

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E Vitamin E (Tocopheryl Acetate) **Passed**
Specimen Weight: 618.900 mg SOP13.007 (LCMS)

Dilution Factor: 2.420

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

H Heavy Metals - (GA) (Inhalation) **Passed**
Specimen Weight: 247.500 mg SOP13.048 (ICP-MS)

Dilution Factor: 202.020

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

I Residual Solvents (GA-4) **Passed**
Specimen Weight: 19.800 mg SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

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

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Mycotoxins - (GA)
Specimen Weight: 618.900 mg

Passed
SOP13.007 (LCMS)

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	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: 506.120 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	2.0800	0.208	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	2.0800	0.208
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ					

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Pesticides - (GA)
Specimen Weight: 618.900 mg

Passed
SOP13.007 (LCMS)

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	3.9900E-1	9.6	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	Imazail	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	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	18.294	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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