



Certificate of Analysis

Compliance Test

Client Information:

USA HEMP SOLUTIONS
2630 W 81ST
HIALEAH, FL 33016

Batch # 143425
Batch Date: 2025-04-03
Extracted From: N/A

Test Reg State: Georgia

Order # USA250403-200001
Order Date: 2025-04-03
Sample # AAG0533

Sampling Date: 2025-04-04
Lab Batch Date: 2025-04-04
Orig. Completion Date: 2025-05-13

Initial Gross Weight: 15.694 g

Number of Units: 1
Net Weight per Unit: 5000.000 mg
Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Photo; Merging reports



Product Image



**Potency
Tested**



**HHCP
Tested**



**Pathogenic Microbiology
Passed**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Moisture
Tested**



**Microbiology (qPCR)
Passed**



**Filtration and Foreign
Passed**

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

Specimen Weight: 1326.830 mg

Tested SOP13.001 (LCUV)

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	150.000	2.60E-5	0.015	165.6900	16.5690
CBN	150.000	1.40E-5	0.015	65.0300	6.5030
CBG	150.000	2.48E-4	0.015	27.5500	2.7550
CBGA	150.000	8.00E-5	0.015	10.8400	1.0840
CBC	150.000	2.76E-5	0.075	4.3500	0.4350
CBD	150.000	5.40E-5	0.015	3.7900	0.3790
THCVA	150.000	4.70E-5	0.015	2.4200	0.2420
Delta-8 THCv	150.000	4.00E-5	0.015	1.3500	0.1350
CBDA	150.000	1.00E-5	0.015	1.0900	0.1090
CBT	150.000	2.00E-4	0.015	0.9500	0.0950
CBCA	150.000	1.07E-4	0.015	0.9200	0.0920
Delta-8 THC-O Acetate	150.000	2.70E-5	0.025	0.6200	0.0620
CBNA	150.000	9.50E-5	0.015	0.3900	0.0390
THCH*	150.000	3.50E-4	0.0163	0.009	0.009
Delta8-THCP *	150.000	3.75E-4	0.015	0.004	0.004
THCA-A	150.000	3.20E-5	0.015	0.004	0.004
Delta-10 THC	150.000	3.00E-6	0.015	<LOQ	<LOQ
Delta-9 THC	150.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	150.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	150.000	2.30E-4	0.015	<LOQ	<LOQ
CBDV	150.000	6.50E-5	0.015	<LOQ	<LOQ
CBDVA	150.000	1.40E-5	0.015	<LOQ	<LOQ
CBL	150.000	3.50E-5	0.015	<LOQ	<LOQ
Delta9-THCP *	150.000	1.17E-5	0.012	<LOQ	<LOQ
THCB *	150.000	1.80E-4	0.0163	<LOQ	<LOQ
THCV	150.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	150.000			4.746	0.475
Total Active THC	150.000			<LOQ	<LOQ



Potency Summary

Total HHC None Detected	Total Active THC None Detected
Total Active CBD 0.475% 23.75 mg	Total CBG 3.707% 185.35 mg
Total CBN 6.537% 326.85 mg	Total Cannabinoids 28.516% 1425.8 mg
Total DELTA-8-THC 16.569% 828.45 mg	

Summary Results determined from two distinct Potency Tests - Potency (LCUV) (GA) + Potency 25 (LCUV) Sample was oven dried before potency testing.

Aixia Sun

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, 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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Sampling Method: MSP 7.3.1



Moisture

Specimen Weight: N/A Dilution Factor: 1.000

SOP13.015 (Moisture

Tested

Meter)

Analyte	Action Level (%)	Result (%)
Moisture	15	8.030



PCR Total Yeast and Mold

Specimen Weight: 1002.000 mg

Passed

SOP13.017

(qPCR)

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	<LOQ
Prep. By: 1161	Date: 2025-05-06 10:32:19	Analyzed By: 1161	Date: 2025-05-06 10:32:19
Reviewed By: 1225	Date: 2025-05-06 18:38:38	Lab Batch #: AAG0533-218	Date: 2025-05-06 18:38:38



Microbiology Pathogenic AE qPCR - (GA)

Specimen Weight: 1001.300 mg

Passed

SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Passed	STEC	Passed



Filth and Foreign Material - (GA)

Specimen Weight: N/A Dilution Factor: 1.000

Passed

SOP13.020

(Electronic Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

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Heavy Metals - GA

Specimen Weight: 247.300 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 202.184

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ	Lead (Pb)	.58	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	11.76	100	200	<LOQ



Residual Solvents (GA-4)

Specimen Weight: 100.000 mg

Passed
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	3061247.670	Hexane	0.068	25	100000	<LOQ



Mycotoxins

Specimen Weight: 588.220 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.550

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	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

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HHCP

Specimen Weight: 1326.830 mg

Tested
SOP13.050 (LCMS)

Dilution Factor: 1500.000

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	4.3500	0.435
(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	<LOQ	<LOQ 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	<LOQ	<LOQ
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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Sampling Method: MSP 7.3.1



Pesticides - (GA)

Specimen Weight: 588.220 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.550

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	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	41.758
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	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Fonicamid	4.6600E-1	9.6	100	<LOQ					

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