



Certificate of Analysis
Compliance Test

Client Information: ELF THC 1141 Sawgrass Corporate Parkway Sunrise, FL 33323	Manufacturing Facility: USA HEMP SOLUTIONS 2630 W 81ST HIALEAH, FL 33016	Batch Data: Batch # 161682 Batch Date: 2025-08-18 Extracted From: Hemp	Order Details: Test Reg State: Florida	Food Permits: State: FL - #393546
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Order # ELF250905-060001 Order Date: 2025-09-05 Sample # AAHB510	Sampling Date: 2025-09-08 Lab Batch Date: 2025-09-08 Orig. Completion Date: 2025-09-11	Initial Gross Weight: 21.400 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
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Statement of Amendment: Merging reports; Updated Photo; AAHB946

Product Image

Potency Tested

Heavy Metals Passed

2-3-Butanedione Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Water Activity Tested

Pathogenic Microbiology Passed

Microbiology (qPCR) Passed

Vitamin E Passed

Potency Summary

Delta 9 THC	<LOQ	Total Active CBD	0.321%
per Serving	0.00 mg	per Serving	6.42 mg
per Package	0.00 mg	per Package	12.8 mg
Total CBG	6.89%	Total CBN	0.262%
per Serving	138 mg	per Serving	5.25 mg
per Package	276 mg	per Package	10.5 mg
Total Cannabinoids	31.4%	Total Active THC	<LOQ
per Serving	628 mg	per Serving	0.00 mg
per Package	1260 mg	per Package	0.00 mg
Total DELTA-8-THC	14.5%	Total DELTA9-THCP	7.81%
per Serving	290 mg	per Serving	156 mg
per Package	580 mg	per Package	312 mg

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample, (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Client supplied the net weight of mg The results apply to the sample as received. Revised report- see statement of amendment above.

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Potency 25 (LCUV) **Tested** SOP13.001 (LCUV)
Specimen Weight: 2498.160 mg

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-8 THC	150.000	2.600000E-5	0.0125	145	14.5	290	580
Delta9-THCP	150.000	1.170000E-5	0.01	78.1	7.81	156	312
CBGA	150.000	8.000000E-5	0.0125	63.6	6.36	127	255
CBG	150.000	2.480000E-4	0.0125	13.0	1.30	26.1	52.2
CBD	150.000	5.400000E-5	0.0125	3.21	0.321	6.42	12.8
CBC	150.000	1.800000E-5	0.0125	2.57	0.257	5.14	10.3
CBNA	150.000	9.500000E-5	0.0125	1.66	0.166	3.32	6.64
CBT	150.000	2.000000E-4	0.0125	1.64	0.164	3.28	6.56
Delta-8 THCV	150.000	4.000000E-5	0.0125	1.49	0.149	2.98	5.96
Delta8-THCP	150.000	3.750000E-4	0.0125	1.35	0.135	2.70	5.40
CBN	150.000	1.400000E-5	0.0125	1.17	0.117	2.34	4.68
CBCA	150.000	1.070000E-4	0.0125	1.05	0.105	2.10	4.20
CBL	150.000	3.500000E-5	0.0125	0.170	0.0170	0.340	0.680
CBDA	150.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDV	150.000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	150.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	150.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	150.000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	150.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	150.000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCA-A	150.000	3.200000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	150.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	150.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	150.000	7.000000E-6	0.0125	<LOQ	<LOQ	0.00	0.00
THCVA	150.000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	150.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	150.000			3.21	0.321	6.42	12.8

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Definitions are found on page 1

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2,3-butanedione(Diacetyl) Florida Specimen Weight: 16.100 mg	Passed SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

Water Activity Florida Specimen Weight: 0.500 g	Tested SOP13.016 (Water Activity Analyzer)	
Dilution Factor: 1.000		
Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.530

Total Yeast and Mold Specimen Weight: 1002.800 mg	Passed SOP13.017 (qPCR)		
Dilution Factor: 20.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

Pathogenic Microbiology SAE (MicroArray) Specimen Weight: 1005.700 mg	Passed SOP13.019 (Micro Array)		
Dilution Factor: 1.000			
Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	E.Coli	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g
Aspergillus terreus	Absence in 1g		

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E Vitamin E (Tocopheryl Acetate) Specimen Weight: 598.300 mg	Passed SOP13.007 (LCMS/GCMS)			
Dilution Factor: 2.510				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

H Heavy Metals Florida Specimen Weight: 248.400 mg	Passed SOP13.048 (ICP-MS)			
Dilution Factor: 201.288				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	200	<LOQ
Cadmium (Cd)	0.003	100	200	<LOQ
				Analyte
				Lead (Pb)
				Mercury (Hg)
				LOD (ppb)
				LOQ (ppb)
				Action Level (ppb)
				Result (ppb)
				0.007
				100
				200
				0.016
				100
				200

Mycotoxins Specimen Weight: 598.300 mg	Passed SOP13.007 (LCMS/GCMS)			
Dilution Factor: 2.510				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ
				Analyte
				Aflatoxin G2
				Ochratoxin A
				LOD (ppb)
				LOQ (ppb)
				Action Level (ppb)
				Result (ppb)
				0.271
				6
				20
				0.754
				3.8
				20

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Residual Solvents - FL (CBD)
Specimen Weight: 3.400 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	142
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	23.1
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	817	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	35.5	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					

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Pesticides Florida
Specimen Weight: 598.300 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.510

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					

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