

Certificate of Analysis
Compliance TestClient Information:
Black Bunker
8362 NW 68th St
Miami, FL 33166Manufacturing Facility:
USA HEMP SOLUTIONS
2630 W 81ST
HIALEAH, FL 33016Batch Data:
Batch # 1554512
Batch Date: 2025-07-17
Extracted From: HempOrder Details:
Test Reg State: FloridaFood Permits:
State: FL - #393546Order #
BLA250923-030001
Order Date: 2025-09-23
Sample # AAHC538Sampling Date: 2025-09-30
Lab Batch Date: 2025-09-30
Orig. Completion Date: 2025-10-20Initial Gross Weight: 26.330 g
Net Weight: 3.000 gNet Weight per Package:
3000.000 mg
Sampling Method:
MSP 7.3.1Net Weight per Serving:
3000 mg
Servings Per Package:
1

Statement of Amendment: Updated Photo; Updated Description; Updated Net Weight; Updated Photo; Merging reports; AAHD118



Product Image

Potency
TestedHeavy Metals
Passed2,3-Butanedione
PassedMycotoxins
PassedPesticides
PassedResidual Solvents
PassedWater Activity
TestedPathogenic Microbiology
PassedMicrobiology (qPCR)
PassedVitamin E
Passed

Potency Summary

Delta 9 THC	<LOQ	Total Active CBD	0.175%
per Serving	0.00 mg	per Serving	5.25 mg
per Package	0.00 mg	per Package	5.25 mg
Total CBG	7.16%	Total CBN	0.159%
per Serving	215 mg	per Serving	4.77 mg
per Package	215 mg	per Package	4.77 mg
Total Cannabinoids	32.1%	Total Active THC	<LOQ
per Serving	962 mg	per Serving	0.00 mg
per Package	962 mg	per Package	0.00 mg
Total DELTA-8-THC	15.4%	Total THCP	7.91%
per Serving	463 mg	per Serving	237 mg
per Package	463 mg	per Package	237 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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3000 mg
Servings Per Package:
1



Potency 25 (LCUV)

Specimen Weight: 2364.880 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	150.000	2.600000E-5	0.0125	154	15.4	463	463
Delta9-THCP	1.000	1.170000E-5	0.01	78.1	7.81	234	234
CBGA	150.000	8.000000E-5	0.0125	66.9	6.69	201	201
CBG	150.000	2.480000E-4	0.0125	12.9	1.29	38.7	38.7
CBC	150.000	1.800000E-5	0.0125	2.21	0.221	6.63	6.63
CBD	150.000	5.400000E-5	0.0125	1.75	0.175	5.25	5.25
CBN	150.000	1.400000E-5	0.0125	1.59	0.159	4.77	4.77
CBT	1.000	2.000000E-4	0.0125	1.15	0.115	3.45	3.45
Delta8-THCP	1.000	3.750000E-4	0.0125	0.970	0.0970	2.91	2.91
Delta-8 THCV	1.000	4.000000E-5	0.0125	0.730	0.0730	2.19	2.19
CBCA	1.000	1.070000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
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	1.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBL	1.000	3.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBNA	1.000	9.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	1.000	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	1.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	1.000	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	1.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	1.000	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	1.000	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			1.75	0.175	5.25	5.25

Aixa Sun Lab Director/Principal Scientist
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MSP 7.3.1

Net Weight per Serving:
3000 mg
Servings Per Package:
1



2,3-butanedione(Diacetyl) Florida

Specimen Weight: 17.400 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	0.544



Total Yeast and Mold

Specimen Weight: 1029.500 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: 1009.600 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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Net Weight per Serving:
3000 mg
Servings Per Package:
1

E Vitamin E (Tocopheryl Acetate) Specimen Weight: 580.000 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.590

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: 250.800 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 199.362

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

M Mycotoxins Net Weight: 3.000 g

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.590

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					

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Net Weight per Package:
3000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
3000 mg
Servings Per Package:
1



Residual Solvents - FL (CBD)

Specimen Weight: 9.400 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	99.0
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	14.5
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	455	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	23.5	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					

Aixia Sun

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MSP 7.3.1Net Weight per Serving:
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Servings Per Package:
1Pesticides Florida
Specimen Weight: 580.000 mgPassed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.590

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	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	Paclobutrazol	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
Flonicamid	0.466	24.8	100	<LOQ					

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