



Certificate of Analysis

Compliance Test

Client Information:

AWK Distro
624 Hampton Park Drive
Birmingham, Alabama 35216

Batch # 20250508001
Batch Date: 2025-07-09
Extracted From: HEMP

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250709-160001
Order Date: 2025-07-09
Sample # AAGX004

Sampling Date: 2025-07-11
Lab Batch Date: 2025-07-11
Completion Date: 2025-07-23

Initial Gross Weight: 26.881 g
Net Weight: 5.000 g

Number of Units: 1
Net Weight per Unit: 2500.000 mg
Sampling Method: MSP 7.3.1



Product Image



**Potency
Tested**

HHCP

**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: 2178.910 mg

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta9-THCP	15.000	1.17E-5	0.01	84.6600	8.4660
CBGA	15.000	8.00E-5	0.0125	70.6500	7.0650
Delta-8 THC	15.000	2.60E-5	0.0125	49.8300	4.9830
CBG	15.000	2.48E-4	0.0125	3.5800	0.3580
CBCA	15.000	1.07E-4	0.0125	2.7000	0.2700
Delta8-THCP	15.000	3.75E-4	0.0125	1.2100	0.1210
CBN	15.000	1.40E-5	0.0125	0.9800	0.0980
CBC	15.000	2.76E-5	0.075	0.8330	0.0833
CBT	15.000	2.00E-4	0.0125	0.7200	0.0720
Delta-8 THCV	15.000	4.00E-5	0.0125	0.5800	0.0580
THCA-A	15.000	3.20E-5	0.0125	0.3900	0.0390
CBL	15.000	3.50E-5	0.0125	0.2200	0.0220
CBD	15.000	5.40E-5	0.0125	0.009	0.009
CBDA	15.000	1.00E-5	0.0125	<LOQ	<LOQ
Delta-10 THC	15.000	3.00E-6	0.0125	<LOQ	<LOQ
Delta-9 THC	15.000	1.30E-5	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBDVA	15.000	1.40E-5	0.0125	<LOQ	<LOQ
CBNA	15.000	9.50E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
THCB	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	15.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
THCVA	15.000	4.70E-5	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			<LOQ	<LOQ
Total Active THC	15.000			0.342	0.034

Tested

SOP13.001 (LCUV)



Potency Summary

Total HHC None Detected	Total Active THC 0.034% 0.85 mg
Total Active CBD None Detected	Total CBG 6.561% 164.025 mg
Total CBN 0.098% 2.45 mg	Total Cannabinoids 21.644% 541.108 mg

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

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, The results apply to the sample as received.
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Sample # AAGX004

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Moisture
Net Weight: 5.000 g
Dilution Factor: 1.000

Tested
SOP13.015 (Moisture
Meter)

Analyte	Action Level (%)	Result (%)
Moisture	15	9.170

PCR Total Yeast and Mold
Specimen Weight: 1025.700 mg
Dilution Factor: 20.000

Passed
SOP13.017
(qPCR)

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	49354
Prep. By: 1161	Date: 2025-07-12 09:20:34	Analyzed By: 1161	Date: 2025-07-12 09:20:34
Reviewed By: 1225	Date: 2025-07-13 12:27:32	Lab Batch #: AAGX004-218	Date: 2025-07-13 12:27:32

Microbiology Pathogenic AE qPCR - (GA)
Specimen Weight: 1030.000 mg
Dilution Factor: 1.000

Passed
SOP13.029 (qPCR)

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Passed	STEC	1	Passed

Filth and Foreign Material - (GA)
Net Weight: 5.000 g
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

Specimen Weight: 251.980 mg

Dilution Factor: 198

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)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	200	105.308	Mercury (Hg)	.58	100	200	<LOQ

Passed

SOP13.048 (ICP-MS)



Residual Solvents (GA-4)

Specimen Weight: 300.200 mg

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	976725.160	Hexane	0.068	25	100000	<LOQ

Passed

SOP13.039 (GCMS-HS)



Mycotoxins

Specimen Weight: 611.500 mg

Dilution Factor: 2.450

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					

Passed

SOP13.007 (LCMS)

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Sampling Method: MSP 7.3.1

HHCP HHCP

Specimen Weight: 2178.910 mg
Dilution Factor: 7500.000

Tested

SOP13.050 (LCMS)

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	<LOQ	<LOQ	9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ
(9S)-HHC	6.6000E-6	0.075	<LOQ	<LOQ	CBC	2.760000E-5	0.075	0.8330	0.0833
(±)-9β-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ	Delta-8 THC methyl ether	2.480000E-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

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Sampling Method: MSP 7.3.1

Pesticides
Specimen Weight: 611.500 mg
Dilution Factor: 2.450

Passed

SOP13.007 (LCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metalaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	166.620	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	MGK-264	5.8500E-1	10	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlormequat Chloride	1.0800E-1	10	1000	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Flonicamid	5.1700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ

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