



## Certificate of Analysis

Compliance Test

**Batch Data:**  
Batch # 53021  
Batch Date: 2025-11-12  
Extracted From: Hemp

**Order Details:**  
Test Reg State: Florida

**Food Permits:**  
Food Permit #: 396899

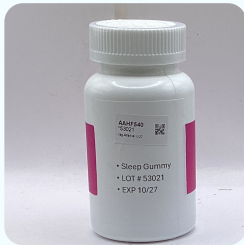
**Order #**  
JAG251117-020001  
**Order Date:** 2025-11-17  
**Sample #** AAHF540

**Sampling Date:** 2025-11-18  
**Lab Batch Date:** 2025-11-18  
**Completion Date:** 2025-11-21

**Initial Gross Weight:** 152.000 g

**Net Weight per Package:**  
128400.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
4280 mg  
**Servings Per Package:**  
30



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Pathogenic Microbiology  
Passed**



**Microbiology (qPCR)  
Passed**

### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>0.767%</b>
per Serving	0.00 mg	per Serving	32.8 mg
per Package	0.00 mg	per Package	985 mg
<b>Total CBG</b>	<b>&lt;LOQ</b>	<b>Total CBN</b>	<b>0.265%</b>
per Serving	0.00 mg	per Serving	11.3 mg
per Package	0.00 mg	per Package	340 mg
<b>Total Cannabinoids</b>	<b>1.03%</b>	<b>Total Active THC</b>	<b>&lt;LOQ</b>
per Serving	44.2 mg	per Serving	0.00 mg
per Package	1330 mg	per Package	0.00 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. The results apply to the sample as received.

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JAG251117-020001  
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**Completion Date:** 2025-11-21

**Initial Gross Weight:** 152.000  
g

**Net Weight per Package:**  
128400.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
4280 mg  
**Servings Per Package:**  
30



### Potency 11 (LCUV)

**Specimen Weight:** 1507.400 mg

**Tested**

**SOP13.001 (LCUV)**

**Pieces For Panel:** 30

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBD	10.000	5.40E-5	0.015	7.67	0.767	32.8	985
CBN	10.000	1.40E-5	0.015	2.65	0.265	11.3	340
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	10.000	2.60E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	10.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	10.000			7.67	0.767	32.8	985

*Aixia Sun*

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

Definitions are found on page 1

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**Food Permits:**  
Food Permit #: 396899

**Order #**  
JAG251117-020001  
**Order Date:** 2025-11-17  
**Sample #** AAHF540

**Sampling Date:** 2025-11-18  
**Lab Batch Date:** 2025-11-18  
**Completion Date:** 2025-11-21

**Initial Gross Weight:** 152.000  
g

**Net Weight per Package:**  
128400.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
4280 mg  
**Servings Per Package:**  
30



### PCR Total Yeast and Mold

Specimen Weight: 485.300 mg

**Passed**

SOP13.017 (qPCR)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ



### Pathogenic Microbiology SAE (MicroArray)

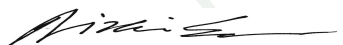
Specimen Weight: 1019.600 mg

**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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JAG251117-020001  
Order Date: 2025-11-17  
Sample # AAHF540Sampling Date: 2025-11-18  
Lab Batch Date: 2025-11-18  
Completion Date: 2025-11-21Initial Gross Weight: 152.000  
gNet Weight per Package:  
128400.000 mg  
Sampling Method:  
MSP 7.3.1Net Weight per Serving:  
4280 mg  
Servings Per Package:  
30**H** Heavy Metals

Specimen Weight: 255.000 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 196

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	1500	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	500	<LOQ	Mercury (Hg)	0.580	100	3000	<LOQ

**✱** Mycotoxins FL

Specimen Weight: 618.000 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.430

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	4.9	20	<LOQ	Aflatoxin G2	0.271	4.9	20	<LOQ
Aflatoxin B2	0.077	4.9	20	<LOQ	Ochratoxin A	0.754	9.8	20	<LOQ
Aflatoxin G1	0.304	4.9	20	<LOQ					

**🧪** Residual Solvents - FL (CBD)

Specimen Weight: 17.200 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	24.7
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	17.5
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	<LOQ	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	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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JAG251117-020001  
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**Sample #** AAHF540

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MSP 7.3.1

**Net Weight per Serving:**  
4280 mg  
**Servings Per Package:**  
30

Pesticides					Passed				
Specimen Weight: 618.000 mg					SOP13.007 (LCMS/GCMS)				
Dilution Factor: 2.430									
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	300	<LOQ	Fludioxonil	0.360	24.8	3000	<LOQ
Acephate	0.141	24.8	3000	<LOQ	Hexythiazox	0.113	24.8	2000	<LOQ
Acequinocyl	2.178	24.8	2000	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	3000	<LOQ	Imidacloprid	0.402	24.8	3000	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	1000	<LOQ
Azoxystrobin	0.188	24.8	3000	<LOQ	Malathion	0.223	24.8	2000	<LOQ
Bifenazate	0.086	24.8	3000	<LOQ	Metalaxyl	0.270	24.8	3000	<LOQ
Bifenthrin	0.100	24.8	500	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	3000	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	3000	<LOQ	methyl-Parathion	0.820	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	3000	<LOQ
Chlorantraniliprole	0.084	24.8	3000	<LOQ	Naled	0.069	24.8	500	<LOQ
Chlordane	1.410	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	3000	<LOQ	Pentachloronitrobenzene	0.220	24.8	200	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	1000	<LOQ
Clofentezine	0.212	24.8	500	<LOQ	Phosmet	0.127	24.8	200	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	1000	<LOQ	Prallethrin	1.476	24.8	400	<LOQ
Cypermethrin	0.985	24.8	1000	<LOQ	Propiconazole	0.294	24.8	1000	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	200	<LOQ	Pyrethrins	0.067	12.9	1000	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	3000	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	3000	<LOQ
Dimethomorph	2.581	24.8	3000	<LOQ	Spinosad	0.028	24.8	3000	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	3000	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	3000	<LOQ
Etoxazole	0.866	24.8	1500	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	3000	<LOQ	Tebuconazole	0.230	24.8	1000	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	2000	<LOQ	Thiamethoxam	179.000	24.8	1000	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	3000	<LOQ
Flonicamid	0.466	24.8	2000	<LOQ					

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