



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> ATLANTIC CANDY CO 115 WHETSTONE PLACE SAINT AUGUSTINE, FL 32086	<b>Batch Data:</b> Batch # 251117-58832-10 Batch Date: 2025-12-08 Extracted From: Hemp	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 372281
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<b>Order #</b> ATL251208-030001 <b>Order Date:</b> 2025-12-08 <b>Sample #</b> AAHG453	<b>Sampling Date:</b> 2025-12-10 <b>Lab Batch Date:</b> 2025-12-10 <b>Completion Date:</b> 2025-12-15	<b>Initial Gross Weight:</b> 52.190 g <b>Net Weight:</b> 46.490 g	<b>Net Weight per Package:</b> 46490.000 mg	<b>Net Weight per Serving:</b> 4649 mg <b>Servings Per Package:</b> 10
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**Potency Tested**



**Heavy Metals Passed**



**Residual Solvents Passed**



**Pathogenic Microbiology Passed**



**Microbiology Petrifilm Passed**

**Potency Summary**

<b>Delta 9 THC</b>	<b>0.247%</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	11.5 mg	per Serving	0.00 mg
per Package	115 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>0.00500%</b>	<b>Total CBN</b>	<b>&lt;LOQ</b>
per Serving	0.232 mg	per Serving	0.00 mg
per Package	2.32 mg	per Package	0.00 mg
<b>Total Cannabinoids</b>	<b>0.254%</b>	<b>Total Active THC</b>	<b>0.247%</b>
per Serving	11.8 mg	per Serving	11.5 mg
per Package	118 mg	per Package	115 mg

*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. 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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**CO**  
115 WHETSTONE PLACE  
SAINT AUGUSTINE, FL  
32086

**Batch Data:**

Batch # 251117-58832-10  
Batch Date: 2025-12-08  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

Food Permit #: 372281

**Order #**

ATL251208-030001  
Order Date: 2025-12-08  
Sample # AAHG453

**Sampling Date:** 2025-12-10

Lab Batch Date: 2025-12-10  
Completion Date: 2025-12-15

**Initial Gross Weight:** 52.190 g

Net Weight: 46.490 g

**Net Weight per Package:**

46490.000 mg

**Net Weight per Serving:**

4649 mg  
Servings Per Package:  
10



**Potency 11 (LCUV)**

Specimen Weight: 1504.000 mg

**Tested**

SOP13.001 (LCUV)

Pieces For Panel: 10

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	10.000	1.30E-5	0.0015	2.47	0.247	11.5	115
CBG	10.000	2.48E-4	0.0015	0.0500	0.00500	0.232	2.32
THCV	10.000	7.00E-6	0.0015	0.0200	0.00200	0.0930	0.930
CBC	10.000	1.80E-5	0.0015	<LOQ	<LOQ	0.00	0.00
CBD	10.000	5.40E-5	0.0015	<LOQ	<LOQ	0.00	0.00
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ	0.00	0.00
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ	0.00	0.00
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ	0.00	0.00
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ	0.00	0.00
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ	0.00	0.00
Total Active THC	10.000			2.47	0.247	11.5	115
Total Active CBD	10.000			<LOQ	<LOQ	0.00	0.00

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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**Batch Data:**

Batch # 251117-58832-10  
Batch Date: 2025-12-08  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Food Permits:**

Food Permit #: 372281

**Order #**

ATL251208-030001  
Order Date: 2025-12-08  
Sample # AAHG453

**Sampling Date:** 2025-12-10

Lab Batch Date: 2025-12-10  
Completion Date: 2025-12-15

**Initial Gross Weight:** 52.190 g

Net Weight: 46.490 g

**Net Weight per Package:**

46490.000 mg

**Net Weight per Serving:**

4649 mg  
Servings Per Package:  
10



**Microbiology (Petrifilm)**

Specimen Weight: 997.900 mg

**Passed**

SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	10000	<10	Total Enterobacteriaceae	10	1000	<10
E. Coli / Coliform	10	100	<10	Yeast/Mold	10	1000	10.0



**Pathogenic Microbiology SAE (MicroArray)**

Specimen Weight: 1037.560 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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Servings Per Package:  
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**Heavy Metals Florida**

Specimen Weight: 254.400 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 196.541

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	1500	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	500	<LOQ	Mercury (Hg)	0.016	100	3000	<LOQ



**Residual Solvents - FL (CBD)**

Specimen Weight: 15.900 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	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	11.2
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	18.0	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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