



## Certificate of Analysis

Compliance Test

**Client Information:**

**Puffed up**  
1524 Jackson St  
Fort Myers, Florida 33901

**Batch Data:**

Batch # PHPU08102025  
Batch Date: 2025-08-10  
Extracted From: Hemp

**Order Details:**

Test Reg State: Florida

**Order #**

PUF260212-030001  
Order Date: 2026-02-12  
Sample # AAHK426

**Sampling Date:** 2026-02-18

Lab Batch Date: 2026-02-18  
Completion Date: 2026-02-25

**Initial Gross Weight:** 32.500 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

3000 mg  
Servings Per Package:  
1



Product Image



**Potency Tested**



**HHCP Passed**



**Heavy Metals Passed**



**2-3-Butanedione Passed**



**Mycotoxins Passed**



**Pesticides Passed**



**Residual Solvents Passed**



**Pathogenic Microbiology Passed**



**Microbiology (qPCR) Passed**



**Vitamin E Passed**

### Potency Summary

<b>Total HHC</b>	<b>75.8%</b>	<b>Delta 9 THC</b>	<b>&lt;LOQ</b>
per Serving	2270 mg	per Serving	0.00 mg
per Package	2270 mg	per Package	0.00 mg
<b>Total Active CBD</b>	<b>5.33%</b>	<b>Total CBG</b>	<b>&lt;LOQ</b>
per Serving	160 mg	per Serving	0.00 mg
per Package	160 mg	per Package	0.00 mg
<b>Total CBN</b>	<b>0.252%</b>	<b>Total Cannabinoids</b>	<b>90.7%</b>
per Serving	7.57 mg	per Serving	2720 mg
per Package	7.57 mg	per Package	2720 mg
<b>Total Active THC</b>	<b>&lt;LOQ</b>	<b>Total DELTA9-THCP</b>	<b>6.84%</b>
per Serving	0.00 mg	per Serving	205 mg
per Package	0.00 mg	per Package	205 mg
<b>Total 9(R)-HHCP</b>	<b>3.19%</b>		
per Serving	95.7 mg		
per Package	95.7 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. This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number



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Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

3000 mg  
Servings Per Package:  
1

**Potency 25 (LCUV)** **Tested** SOP13.001,SOP13.050  
(LCUV,LCMS)  
Specimen Weight: 504.940 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
Delta9-THCP	50.000	1.170000E-5	0.012	68.4	6.84	205	205
CBD	50.000	5.400000E-5	0.015	53.3	5.33	160	160
Delta-8 THC	50.000	2.600000E-5	0.015	21.2	2.12	63.7	63.7
CBN	50.000	1.400000E-5	0.015	1.97	0.197	5.91	5.91
Delta8-THCP	50.000	3.750000E-4	0.015	1.43	0.143	4.29	4.29
CBT	50.000	2.000000E-4	0.015	1.12	0.112	3.36	3.36
CBNA	50.000	9.500000E-5	0.015	0.630	0.0630	1.89	1.89
THCV	50.000	7.000000E-6	0.015	0.260	0.0260	0.780	0.780
CBC	50.000	1.800000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBCA	50.000	1.070000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	50.000	1.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	50.000	6.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDVA	50.000	1.400000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBG	50.000	2.480000E-4	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	50.000	8.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBL	50.000	3.500000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	50.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-8 THCV	50.000	4.000000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	50.000	1.300000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	50.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	50.000	2.300000E-4	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	50.000	3.200000E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCB	50.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	50.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCVA	50.000	4.700000E-5	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	50.000			<LOQ	<LOQ	0.00	0.00
Total Active CBD	50.000			53.3	5.33	0.00	0.00

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

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**Order #**

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Sample # AAHK426

**Sampling Date:** 2026-02-18

Lab Batch Date: 2026-02-18  
Completion Date: 2026-02-25

**Initial Gross Weight:** 32.500 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

3000 mg  
Servings Per Package:  
1



**2,3-butanedione(Diacetyl)**

Specimen Weight: 15.400 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	0.024	<LOQ



**PCR Total Yeast and Mold**

Specimen Weight: 493.300 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: 1001.800 mg

**Passed**

SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

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Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

3000 mg  
Servings Per Package:  
1

**E Vitamin E (Tocopheryl Acetate)**

Specimen Weight: 608.000 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

**H Heavy Metals**

Specimen Weight: 250.300 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 199

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	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	<LOQ	Mercury (Hg)	0.580	100	200	<LOQ

**⚙️ Mycotoxins FL**

Specimen Weight: 608.000 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.470

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					

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Aixia Sun Lab Director/Principal Scientist  
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Order Date: 2026-02-12  
Sample # AAHK426

**Sampling Date:** 2026-02-18

Lab Batch Date: 2026-02-18  
Completion Date: 2026-02-25

**Initial Gross Weight:** 32.500 g

**Net Weight per Package:**

3000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

3000 mg  
Servings Per Package:  
1

**HHCP HHCP**

Specimen Weight: 504.940 mg

**Passed**  
SOP13.001,SOP13.050 (LCUV,LCMS)

Dilution Factor: 50000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	0.000	0.075	439	43.9	9(S)-HHCP	0.000	0.075	6.90	0.69
(9S)-HHC	0.000	0.075	279	27.9	CBC	0.000	0.075	<LOQ	<LOQ
(±)-9B-hydroxy-HHC	0.000	0.075	1.40	0.14	Delta-8 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(R)-H4-CBD	0.000	0.15	<LOQ	<LOQ	Delta-9 THC methyl ether	0.000	0.075	<LOQ	<LOQ
1(S)-H4-CBD	0.000	0.15	<LOQ	<LOQ	H2-CBD	0.000	0.075	<LOQ	<LOQ
9(R)-HHCP	0.000	0.075	31.9	3.19	Total HHC	0.000	0.075	758	75.82



**Residual Solvents - FL (CBD)**

Specimen Weight: 15.400 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	30.0	Isopropyl alcohol	0.005	13.9	500	21.8
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	<LOQ
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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1

**Pesticides**

Specimen Weight: 608.000 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.470

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.288	28.23	100	<LOQ	Fludioxonil	1.740	48	100	<LOQ
Acephate	0.023	30	100	<LOQ	Hexythiazox	0.049	30	100	<LOQ
Acequinocyl	9.564	48	100	<LOQ	Imazalil	0.248	30	100	<LOQ
Acetamiprid	0.052	30	100	<LOQ	Imidacloprid	0.094	30	400	<LOQ
Aldicarb	0.026	30	100	<LOQ	Kresoxim Methyl	0.042	30	100	<LOQ
Azoxystrobin	0.081	10	100	<LOQ	Malathion	0.082	30	200	<LOQ
Bifenazate	1.415	30	100	<LOQ	Metalaxyl	0.081	10	100	<LOQ
Bifenthrin	0.043	30	200	<LOQ	Methiocarb	0.032	30	100	<LOQ
Boscalid	0.055	10	100	<LOQ	Methomyl	0.022	30	100	<LOQ
Captan	6.120	30	700	<LOQ	methyl-Parathion	1.710	10	100	<LOQ
Carbaryl	0.022	10	500	<LOQ	Mevinphos	2.150	10	100	<LOQ
Carbofuran	0.034	10	100	<LOQ	MGK-264	0.585	10	100	<LOQ
Chlorantraniliprole	0.033	10	1000	<LOQ	Myclobutanil	1.029	30	100	<LOQ
Chlordane	10.000	10	100	<LOQ	Naled	0.095	30	250	<LOQ
Chlorfenapyr	0.034	30	100	<LOQ	Oxamyl	0.025	30	500	<LOQ
Chlormequat Chloride	0.108	10	1000	<LOQ	Paclbutrazol	0.065	30	100	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ
Clofentezine	0.119	30	200	<LOQ	Permethrin	0.343	30	100	<LOQ
Coumaphos	3.770	48	100	<LOQ	Phosmet	0.082	30	100	<LOQ
Cyfluthrin	3.110	30	500	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cypermethrin	1.449	30	500	<LOQ	Prallethrin	0.798	30	100	<LOQ
Daminozide	0.885	30	100	<LOQ	Propiconazole	0.070	30	100	<LOQ
Diazinon	0.044	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyrethrins	23.593	30	500	<LOQ
Dimethoate	0.021	30	100	<LOQ	Pyridaben	0.032	30	200	<LOQ
Dimethomorph	5.830	48	200	<LOQ	Spinetoram	0.080	10	200	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spinosad	0.088	30	100	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spiromesifen	0.261	30	100	<LOQ
Etoxazole	0.095	30	100	<LOQ	Spirotetramat	0.089	30	100	<LOQ
Fenhexamid	0.510	10	100	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Tebuconazole	0.067	30	100	<LOQ
Fenpyroximate	0.138	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fipronil	0.107	30	100	<LOQ	Thiamethoxam	0.050	30	500	<LOQ
Fonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

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