



## Certificate of Analysis

### Compliance Test

**Client Information:**

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#1  
PEMBROKE PARK, FL  
33009

**Batch Data:**

Batch # S111425SP  
Batch Date: 2025-11-18  
Extracted From: HEMP

**Order Details:**

Test Reg State: Florida

**Food Permits:**

Food Permit #: 420113

**Order #**

TER251118-120001  
Order Date: 2025-11-18  
Sample # AAHF642

**Sampling Date:** 2025-11-21

Lab Batch Date: 2025-11-21

Completion Date: 2025-11-26

**Initial Gross Weight:** 27.300 g

**Net Weight per Package:**

5000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

500 mg  
Servings Per Package:  
10



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**2,3-Butanedione  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual Solvents  
Passed**



**Water Activity  
Tested**



**Pathogenic Microbiology  
Passed**



**Microbiology (qPCR)  
Passed**



**Vitamin E  
Passed**



### Potency Summary

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>19.3%</b>
per Serving	0.00 mg	per Serving	96.6 mg
per Package	0.00 mg	per Package	966 mg
<b>Total CBG</b>	<b>8.58%</b>	<b>Total CBN</b>	<b>0.0520%</b>
per Serving	42.9 mg	per Serving	0.260 mg
per Package	429 mg	per Package	2.60 mg
<b>Total Cannabinoids</b>	<b>41.4%</b>	<b>Total Active THC</b>	<b>0.0193%</b>
per Serving	207 mg	per Serving	0.0965 mg
per Package	2070 mg	per Package	0.965 mg
<b>Total DELTA9-THCP</b>	<b>6.15%</b>		
per Serving	30.8 mg		
per Package	308 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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Extracted From: HEMP

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

**Food Permits:**  
Food Permit #: 420113

**Order #**  
TER251118-120001  
**Order Date:** 2025-11-18  
**Sample #** AAHF642

**Sampling Date:** 2025-11-21  
**Lab Batch Date:** 2025-11-21  
**Completion Date:** 2025-11-26

**Initial Gross Weight:** 27.300 g

**Net Weight per Package:**  
5000.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
500 mg  
**Servings Per Package:**  
10

**Potency 25 (LCUV)**  
Specimen Weight: 206.520 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)
CBD	15.000	5.400000E-5	0.0125	193	19.3	96.6	966
CBGA	15.000	8.000000E-5	0.0125	90.5	9.05	45.2	452
Delta9-THCP	15.000	1.170000E-5	0.01	61.5	6.15	30.8	308
Delta-8 THC	15.000	2.600000E-5	0.0125	54.4	5.44	27.2	272
CBG	15.000	2.480000E-4	0.0125	6.38	0.638	3.19	31.9
CBDV	15.000	6.500000E-5	0.0125	4.10	0.410	2.05	20.5
CBC	15.000	1.800000E-5	0.0125	1.66	0.166	0.830	8.30
Delta8-THCP	15.000	3.750000E-4	0.0125	0.830	0.0830	0.415	4.15
Delta-8 THCV	15.000	4.000000E-5	0.0125	0.750	0.0750	0.375	3.75
CBN	15.000	1.400000E-5	0.0125	0.520	0.0520	0.260	2.60
THCA-A	15.000	3.200000E-5	0.0125	0.220	0.0220	0.110	1.10
CBL	15.000	3.500000E-5	0.0125	0.180	0.0180	0.0900	0.900
CBCA	15.000	1.070000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
CBDA	15.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	15.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBNA	15.000	9.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBT	15.000	2.000000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	15.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	15.000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	15.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	15.000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	15.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	15.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	15.000	7.000000E-6	0.0125	<LOQ	<LOQ	0.00	0.00
THCVA	15.000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	15.000			0.193	0.0193	0.0965	0.965
Total Active CBD	15.000			193	19.3	96.6	966

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

**Definitions are found on page 1**

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<b>Order #</b> TER251118-120001 <b>Order Date:</b> 2025-11-18 <b>Sample #</b> AAHF642	<b>Sampling Date:</b> 2025-11-21 <b>Lab Batch Date:</b> 2025-11-21 <b>Completion Date:</b> 2025-11-26	<b>Initial Gross Weight:</b> 27.300 g	<b>Net Weight per Package:</b> 5000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 500 mg <b>Servings Per Package:</b> 10
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<b>2,3-butanedione(Diacetyl) Florida</b> Specimen Weight: 15.200 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

<b>Water Activity Florida</b> Specimen Weight: 0.500 g	<b>Tested</b> SOP13.016 (Water Activity Analyzer)	
Dilution Factor: 1.000		
Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.472

<b>Total Yeast and Mold</b> Specimen Weight: 983.700 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 20.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Pathogenic Microbiology SAE (MicroArray)</b> Specimen Weight: 1009.400 mg	<b>Passed</b> 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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**Order Details:**

Test Reg State: Florida

**Food Permits:**

Food Permit #: 420113

**Order #**

TER251118-120001  
Order Date: 2025-11-18  
Sample # AAHF642

**Sampling Date:** 2025-11-21

Lab Batch Date: 2025-11-21

Completion Date: 2025-11-26

**Initial Gross Weight:** 27.300 g

**Net Weight per Package:**

5000.000 mg  
Sampling Method:  
MSP 7.3.1

**Net Weight per Serving:**

500 mg  
Servings Per Package:  
10

**E Vitamin E (Tocopheryl Acetate)**

Specimen Weight: 597.300 mg

Dilution Factor: 2.510

**Passed**

SOP13.007 (LCMS/GCMS)

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: 247.600 mg

Dilution Factor: 201.939

**Passed**

SOP13.048 (ICP-MS)

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

**Mycotoxins FL**

Specimen Weight: 597.300 mg

Dilution Factor: 2.510

**Passed**

SOP13.007 (LCMS/GCMS)

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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<b>Order #</b> TER251118-120001 <b>Order Date:</b> 2025-11-18 <b>Sample #</b> AAHF642	<b>Sampling Date:</b> 2025-11-21 <b>Lab Batch Date:</b> 2025-11-21 <b>Completion Date:</b> 2025-11-26	<b>Initial Gross Weight:</b> 27.300 g	<b>Net Weight per Package:</b> 5000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 500 mg <b>Servings Per Package:</b> 10
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Residual Solvents - FL (CBD)					Passed				
Specimen Weight: 15.200 mg					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	23.3
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	12.3
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	30.6	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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Test Reg State: Florida

**Food Permits:**  
Food Permit #: 420113

**Order #**  
TER251118-120001  
**Order Date:** 2025-11-18  
**Sample #** AAHF642

**Sampling Date:** 2025-11-21  
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**Initial Gross Weight:** 27.300 g

**Net Weight per Package:**  
5000.000 mg  
**Sampling Method:**  
MSP 7.3.1

**Net Weight per Serving:**  
500 mg  
**Servings Per Package:**  
10

**Pesticides**

Specimen Weight: N/A Dilution Factor: 2.510

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	Imazail	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	Pacllobutrazol	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

**Passed**

SOP13.007 (LCMS/GCMS)

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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