



**Certificate of Analysis**  
Compliance Test

Client Information:

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#3  
PEMBROKE PARK, FL 33009

Batch # 042125PHH  
Batch Date: 2025-04-21  
Extracted From: HEMP

Test Reg State: Georgia

Order # TER250421-150001  
Order Date: 2025-04-21  
Sample # AAGQ127

Sampling Date: 2025-04-24  
Lab Batch Date: 2025-04-24  
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 32.100 g

Number of Units: 1  
Net Weight per Unit: 2000.000 mg  
Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Pesticides



<b>Potency Tested</b>	<b>HHCP Tested</b>	<b>Pathogenic Microbiology Passed</b>	<b>Heavy Metals Passed</b>	<b>Mycotoxins Passed</b>
<b>Pesticides Passed</b>	<b>Residual Solvents Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Filtration Passed</b>	

Product Image

**Potency (LCUV) (GA) + Potency 25 (LCUV)**

Specimen Weight: 1614.510 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta9-THCP *	1500.000	1.17E-5	0.01	65.0300	6.5030
Delta-8 THC	15.000	2.60E-5	0.0125	64.0500	6.4050
CBGA	15.000	8.00E-5	0.0125	60.9400	6.0940
CBG	15.000	2.48E-4	0.0125	8.3400	0.8340
Delta-8 THCV	150.000	4.00E-5	0.0125	2.2740	0.2274
CBCA	150.000	1.07E-4	0.0125	1.6550	0.1655
CBC	15.000	2.76E-5	0.075	1.2200	0.1220
CBDA	15.000	1.00E-5	0.0125	0.7500	0.0750
CBT	15.000	2.00E-4	0.0125	0.6387	0.0639
CBN	15.000	1.40E-5	0.0125	0.4000	0.0400
THCA-A	15.000	3.20E-5	0.0125	0.3700	0.0370
Delta8-THCP *	15.000	3.75E-4	0.0125	0.3469	0.0347
CBD	15.000	5.40E-5	0.0125	0.2300	0.0230
CBL	15.000	3.50E-5	0.0125	0.1864	0.0186
Delta-10 THC	15.000	3.00E-6	0.0125	<LOQ	<LOQ
Delta-9 THC	1500.000	2.80E-4	0.075	<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			0.888	0.089
Total Active THC	15.000			0.324	0.032

**Tested**  
SOP13.001 (LCUV)

**Potency Summary**

<b>Total HHC</b> None Detected	<b>Total Active THC</b> 0.032% 0.64 mg
<b>Total Active CBD</b> 0.089% 1.78 mg	<b>Total CBG</b> 6.185% 123.7 mg
<b>Total CBN</b> 0.040% 0.8 mg	<b>Total Cannabinoids</b> 20.643% 412.862 mg

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

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, (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received. Revised report-see statement of amendment above.

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 tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

Client Information:

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#3  
PEMBROKE PARK, FL 33009

Batch # 042125PHH  
Batch Date: 2025-04-21  
Extracted From: HEMP

Test Reg State: Georgia

Order # TER250421-150001  
Order Date: 2025-04-21  
Sample # AAGQ127

Sampling Date: 2025-04-24  
Lab Batch Date: 2025-04-24  
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 32.100 g

Number of Units: 1  
Net Weight per Unit: 2000.000 mg  
Sampling Method: MSP 7.3.1

**PCR Total Yeast and Mold**  
Specimen Weight: 1021.800 mg

**Passed**  
SOP13.017 (qPCR)

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	<LOQ
Prep. By: 1179	Date: 2025-04-25 13:43:08	Analyzed By: 1179	Date: 2025-04-25 13:43:08
Reviewed By: 1225	Date: 2025-04-26 14:30:39	Lab Batch #: AAGQ127-218	Date: 2025-04-26 14:30:39

**Microbiology Pathogenic AE qPCR - (GA)**

**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	1	STEC	1	Passed

**Filt and Foreign Material - (GA)**  
Specimen Weight: N/A 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			

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

Definitions are found on page 1

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 tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

**Client Information:**

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#3  
PEMBROKE PARK, FL 33009

Batch # 042125PHH  
Batch Date: 2025-04-21  
Extracted From: HEMP

Test Reg State: Georgia

Order # TER250421-150001  
Order Date: 2025-04-21  
Sample # AAGQ127

Sampling Date: 2025-04-24  
Lab Batch Date: 2025-04-24  
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 32.100 g

Number of Units: 1  
Net Weight per Unit: 2000.000 mg  
Sampling Method: MSP 7.3.1



**Heavy Metals**

Specimen Weight: 248.900 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 200

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	<LOQ	Mercury (Hg)	.58	100	200	<LOQ



**Residual Solvents (GA-4)**

Specimen Weight: 15.300 mg

**Passed**  
SOP13.039 (GCMS-HS)

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	29256.370	Hexane	0.068	25	100000	<LOQ



**Mycotoxins**

Specimen Weight: 592.900 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.530

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					

*Aixia Sun*

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

Definitions are found on page 1

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 tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

Client Information:

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#3  
PEMBROKE PARK, FL 33009

Batch # 042125PHH  
Batch Date: 2025-04-21  
Extracted From: HEMP

Test Reg State: Georgia

Order # TER250421-150001  
Order Date: 2025-04-21  
Sample # AAGQ127

Sampling Date: 2025-04-24  
Lab Batch Date: 2025-04-24  
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 32.100 g

Number of Units: 1  
Net Weight per Unit: 2000.000 mg  
Sampling Method: MSP 7.3.1

**HHCP**

Specimen Weight: 1614.510 mg

**Tested**  
SOP13.050 (LCMS)

Dilution Factor: 7500.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%) Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	<LOQ	<LOQ CBC	2.760000E-5	0.075	1.2200	0.122
(9S)-HHC	6.6000E-6	0.075	<LOQ	<LOQ Delta-8 THC methyl ether	2.480000E-4	0.075	<LOQ	<LOQ
(±)9β-hydroxy-HHC	7.7800E-6	0.075	<LOQ	<LOQ Delta-9 THC	2.8000E-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	0.075	<LOQ	<LOQ
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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

Definitions are found on page 1

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 tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

**Client Information:**

**TERP NATION LLC**  
2500 S PARK ROAD  
BAY#3  
PEMBROKE PARK, FL 33009

Batch # 042125PHH  
Batch Date: 2025-04-21  
Extracted From: HEMP

Test Reg State: Georgia

Order # TER250421-150001  
Order Date: 2025-04-21  
Sample # AAGQ127

Sampling Date: 2025-04-24  
Lab Batch Date: 2025-04-24  
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 32.100 g

Number of Units: 1  
Net Weight per Unit: 2000.000 mg  
Sampling Method: MSP 7.3.1

**Pesticides - (GA)**  
Specimen Weight: 592.900 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9.6	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Pacllobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Fonicamid	4.6600E-1	9.6	100	<LOQ					

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

Definitions are found on page 1

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 tests and/or calibrations marked with an "\*" are not ISO/IEC 17025:2017 accredited test results.





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

Product Image

<b>Potency Tested</b>	<b>Heavy Metals Passed</b>	<b>2,3-Butanedione Passed</b>	<b>Mycotoxins Passed</b>	<b>Pesticides Passed</b>
<b>Residual Solvents Passed</b>	<b>Water Activity Tested</b>	<b>Pathogenic Microbiology Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Vitamin E Passed</b>

**Potency Summary**

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>8.43%</b>	<b>Total CBN</b>	<b>0.155%</b>
per Serving	169 mg	per Serving	3.11 mg
per Package	337 mg	per Package	6.22 mg
<b>Total Cannabinoids</b>	<b>23.7%</b>	<b>Total Active THC</b>	<b>0.0158%</b>
per Serving	473 mg	per Serving	0.316 mg
per Package	947 mg	per Package	0.632 mg
<b>Total DELTA9-THCP</b>	<b>6.80%</b>		
per Serving	136 mg		
per Package	272 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.

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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	Result (%)	Color	Per Serving (mg)	Per Package (mg)
CBGA	150.000	8.000000E-5	0.0125	90.1	9.01	Blue	180	360
Delta9-THCP	150.000	1.170000E-5	0.01	68.0	6.80	Green	136	272
Delta-8 THC	150.000	2.600000E-5	0.0125	63.6	6.36	Green	127	254
CBG	150.000	2.480000E-4	0.0125	5.19	0.519	Green	10.4	20.8
CBCA	150.000	1.070000E-4	0.0125	2.58	0.258	Green	5.16	10.3
CBC	150.000	1.800000E-5	0.0125	2.05	0.205	Green	4.10	8.20
Delta8-THCP	150.000	3.750000E-4	0.0125	1.18	0.118	Green	2.36	4.72
CBNA	150.000	9.500000E-5	0.0125	1.01	0.101	Green	2.02	4.04
Delta-8 THCV	150.000	4.000000E-5	0.0125	0.980	0.0980	Green	1.96	3.92
CBL	150.000	3.500000E-5	0.0125	0.730	0.0730	Green	1.46	2.92
CBN	150.000	1.400000E-5	0.0125	0.670	0.0670	Green	1.34	2.68
CBT	150.000	2.000000E-4	0.0125	0.440	0.0440	Green	0.880	1.76
THCA-A	150.000	3.200000E-5	0.0125	0.180	0.0180	Green	0.360	0.720
CBD	150.000	5.400000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
CBDA	150.000	1.000000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
CBDV	150.000	6.500000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
CBDVA	150.000	1.400000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
Delta-8 THC-O Acetate	150.000	2.700000E-5	0.025	<LOQ	<LOQ	Green	0.00	0.00
Delta-9 THC	150.000	1.300000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
Delta-9 THC-O Acetate	150.000	7.700000E-5	0.025	<LOQ	<LOQ	Green	0.00	0.00
Exo-THC	150.000	2.300000E-4	0.0125	<LOQ	<LOQ	Green	0.00	0.00
THCB	150.000	1.800000E-4	0.0163	<LOQ	<LOQ	Green	0.00	0.00
THCH	150.000	3.500000E-4	0.0163	<LOQ	<LOQ	Green	0.00	0.00
THCV	150.000	7.000000E-6	0.0125	<LOQ	<LOQ	Green	0.00	0.00
THCVA	150.000	4.700000E-5	0.0125	<LOQ	<LOQ	Green	0.00	0.00
Total Active THC	150.000			0.158	0.0158	Blue	0.316	0.632
Total Active CBD	150.000			<LOQ	<LOQ	Green	0.00	0.00

**Potency 25 (LCUV)**  
Specimen Weight: 1714.030 mg

**Tested** SOP13.001 (LCUV)

Pieces For Panel: 2

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

**Definitions are found on page 1**

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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

<b>2,3-butanedione(Diacetyl) Florida</b> Specimen Weight: 17.700 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	0.491

<b>Total Yeast and Mold</b> Specimen Weight: 965.000 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: 1018.900 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		

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



Definitions are found on page 1

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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

<b>E Vitamin E (Tocopheryl Acetate)</b> Specimen Weight: 588.690 mg Dilution Factor: 2.550	<b>Passed</b> SOP13.007 (LCMS/GCMS)			
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

<b>H Heavy Metals Florida</b> Specimen Weight: 247.600 mg Dilution Factor: 201.939	<b>Passed</b> 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	169	Mercury (Hg)	0.016	100	200	<LOQ

<b>Mycotoxins FL</b> Specimen Weight: 588.690 mg Dilution Factor: 2.550	<b>Passed</b> 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					

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



Definitions are found on page 1  
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



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

Residual Solvents - FL (CBD)					Passed				
Specimen Weight: 3.000 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	25.8
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	18.4
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	177	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					

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

Definitions are found on page 1

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





**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 042125PHH Batch Date: 2025-12-11 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida	<b>Food Permits:</b> Food Permit #: 420113
--	---	---	--	---

<b>Order #</b> TER251211-180001 <b>Order Date:</b> 2025-12-11 <b>Sample #</b> AAHG731	<b>Sampling Date:</b> 2025-12-16 <b>Lab Batch Date:</b> 2025-12-16 <b>Completion Date:</b> 2025-12-23	<b>Initial Gross Weight:</b> 29.200 g <b>Net Weight:</b> 4.000 g	<b>Net Weight per Package:</b> 4000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 2
--	---	---	---	--

Pesticides										Passed	
Specimen Weight: 588.690 mg										SOP13.007 (LCMS/GCMS)	
Dilution Factor: 2.550											
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		
Chloromequat Chloride	0.108	10	1000	<LOQ	Pacloutrazol	0.065	30	100	<LOQ		
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ		
Clofentazine	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		

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

Definitions are found on page 1

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

