



Certificate of Analysis
Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ130

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

Initial Gross Weight: 31.700 g

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

Statement of Amendment: Updated Pesticides



Potency Tested



HHCP Tested



Pathogenic Microbiology Passed



Heavy Metals Passed



Mycotoxins Passed



Pesticides Passed



Residual Solvents Passed



Microbiology (qPCR) Passed



Filtration and Foreign Passed

Product Image

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

Tested

SOP13.001 (LCUV)



Potency Summary

Specimen Weight: 1477.350 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
CBGA	15.000	8.00E-5	0.0125	103.9000	10.3900
Delta9-THCP	15000.000	1.17E-5	0.01	98.5600	9.8560
Delta-8 THC	15.000	2.60E-5	0.0125	55.3100	5.5310
CBG	15.000	2.48E-4	0.0125	7.5300	0.7530
Delta-8 THCV	150.000	4.00E-5	0.0125	1.9960	0.1996
CBC	15.000	2.76E-5	0.075	1.8200	0.1820
CBCA	150.000	1.07E-4	0.0125	1.5620	0.1562
CBDA	15.000	1.00E-5	0.0125	1.0900	0.1090
CBT	15.000	2.00E-4	0.0125	0.5123	0.0512
CBN	15.000	1.40E-5	0.0125	0.3500	0.0350
THCA-A	15.000	3.20E-5	0.0125	0.3500	0.0350
Delta8-THCP	15.000	3.75E-4	0.0125	0.3135	0.0314
CBD	15.000	5.40E-5	0.0125	0.2600	0.0260
CBL	15.000	3.50E-5	0.0125	0.1712	0.0171
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			1.216	0.122
Total Active THC	15.000			0.307	0.031

Total HHC None Detected	Total Active THC 0.031% 0.62 mg
Total Active CBD 0.122% 2.44 mg	Total CBG 9.875% 197.5 mg
Total CBN 0.035% 0.7 mg	Total Cannabinoids 27.373% 547.45 mg

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

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, 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.



Certificate of Analysis
Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ130

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

Initial Gross Weight: 31.700 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: 1031.300 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 #: AAGQ130-218	Date: 2025-04-26 14:30:39

Microbiology Pathogenic AE qPCR - (GA)

Passed
SOP13.029 (qPCR)

Specimen Weight: 1038.600 mg
Dilution Factor: 1.000

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.





Certificate of Analysis
Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ130

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

Initial Gross Weight: 31.700 g

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



Heavy Metals

Specimen Weight: 246.400 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 202

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	128.000	Mercury (Hg)	.58	100	200	<LOQ



Residual Solvents (GA-4)

Specimen Weight: 15.000 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	30009.720	Hexane	0.068	25	100000	<LOQ



Mycotoxins

Specimen Weight: 588.100 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 2.550

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.





Certificate of Analysis
Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ130

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

Initial Gross Weight: 31.700 g

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

HHCP

Specimen Weight: 1477.350 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	1.8200	0.182
(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.





Certificate of Analysis
Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ130

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

Initial Gross Weight: 31.700 g

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

Pesticides - (GA)
Specimen Weight: 605.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.480

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
Etoxazole	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
Flonicamid	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.





Certificate of Analysis
Compliance Test

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

Statement of Amendment: Updated Heavy Metals; AAHH387

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

Delta 9 THC	<LOQ	Total Active CBD	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBG	8.05%	Total CBN	0.153%
per Serving	161 mg	per Serving	3.05 mg
per Package	322 mg	per Package	6.10 mg
Total Cannabinoids	23.0%	Total Active THC	0.0167%
per Serving	460 mg	per Serving	0.334 mg
per Package	921 mg	per Package	0.668 mg
Total DELTA9-THCP	6.80%		
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. 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 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

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

Potency 25 (LCUV) **Tested** SOP13.001 (LCUV)
Specimen Weight: 1687.030 mg

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBGA	15.000	8.000000E-5	0.0125	86.0	8.60	172	344
Delta9-THCP	15.000	1.170000E-5	0.01	68.0	6.80	136	272
Delta-8 THC	15.000	2.600000E-5	0.0125	61.5	6.15	123	246
CBG	15.000	2.480000E-4	0.0125	5.04	0.504	10.1	20.2
CBCA	15.000	1.070000E-4	0.0125	2.68	0.268	5.36	10.7
CBC	15.000	1.800000E-5	0.0125	1.99	0.199	3.98	7.96
Delta8-THCP	15.000	3.750000E-4	0.0125	1.08	0.108	2.16	4.32
CBNA	15.000	9.500000E-5	0.0125	1.00	0.100	2.00	4.00
Delta-8 THCV	15.000	4.000000E-5	0.0125	0.890	0.0890	1.78	3.56
CBL	15.000	3.500000E-5	0.0125	0.700	0.0700	1.40	2.80
CBN	15.000	1.400000E-5	0.0125	0.650	0.0650	1.30	2.60
CBT	15.000	2.000000E-4	0.0125	0.420	0.0420	0.840	1.68
THCA-A	15.000	3.200000E-5	0.0125	0.190	0.0190	0.380	0.760
CBD	15.000	5.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDA	15.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDV	15.000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	15.000	1.400000E-5	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			0.167	0.0167	0.333	0.666
Total Active CBD	15.000			<LOQ	<LOQ	0.00	0.00

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

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

2,3-butanedione(Diacetyl) Florida Specimen Weight: 15.900 mg	Passed SOP13.039 (GCMS-HS)
Dilution Factor: 1.000	
Analyte	LOD (ppm)
2,3-Butanedione	0.000
	LOQ (ppm)
	0.2
	Result (ppm)
	<LOQ

Water Activity Florida Specimen Weight: 0.500 g	Tested SOP13.016 (Water Activity Analyzer)
Dilution Factor: 1.000	
Analyte	Acceptable Range (aw)
Water Activity	.55 - .65
	Result (aw)
	0.493

Total Yeast and Mold Specimen Weight: 1028.200 mg	Passed SOP13.017 (qPCR)
Dilution Factor: 20.000	
Analyte	LOQ (cfu/g)
Total Yeast/Mold	1000
	Action Level (cfu/g)
	100000
	Result (cfu/g)
	<LOQ

Pathogenic Microbiology SAE (MicroArray) Specimen Weight: 1020.600 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		

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

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

E Vitamin E (Tocopheryl Acetate) Specimen Weight: 596.140 mg Dilution Factor: 2.520	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: 252.800 mg Dilution Factor: 200.642	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	177	Mercury (Hg)	0.016	100	200	<LOQ

Mycotoxins FL Specimen Weight: 596.140 mg Dilution Factor: 2.520	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					

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

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

Residual Solvents - FL (CBD)					Passed				
Specimen Weight: 6.600 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	29.0
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	16.1
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	160	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

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

Order # TER251211-180001 Order Date: 2025-12-11 Sample # AAHG735	Sampling Date: 2025-12-16 Lab Batch Date: 2025-12-16 Orig. Completion Date: 2025-12-23	Initial Gross Weight: 29.100 g Net Weight: 4.000 g	Net Weight per Package: 4000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 2000 mg Servings Per Package: 2
--	---	---	---	--

Pesticides **Passed**
Specimen Weight: 596.140 mg SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.520

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	Pacloubtrazol	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

