



Certificate of Analysis

Compliance Test

Client Information:

TERP NATION LLC
2500 S PARK ROAD
BAY#3

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

Test Reg State: Georgia
Food Permit #: 420113

PEMBROKE PARK, FL 33009

Order # TER250421-150001

Order Date: 2025-04-21

Sample # AAGQ131

Sampling Date: 2025-04-24

Lab Batch Date: 2025-04-24

Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.000 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: 1614.530 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15.000	2.60E-5	0.0125	51.3600	5.1360
Delta9-THCP	1500.000	1.17E-5	0.01	51.0300	5.1030
CBGA	15.000	8.00E-5	0.0125	50.6500	5.0650
CBG	15.000	2.48E-4	0.0125	7.1600	0.7160
Delta-8 THCV	150.000	4.00E-5	0.0125	1.8450	0.1845
CBCA	150.000	1.07E-4	0.0125	1.4890	0.1489
CBDA	15.000	1.00E-5	0.0125	0.7900	0.0790
CBT	15.000	2.00E-4	0.0125	0.4796	0.0480
CBN	15.000	1.40E-5	0.0125	0.3200	0.0320
THCA-A	15.000	3.20E-5	0.0125	0.3100	0.0310
Delta8-THCP	15.000	3.75E-4	0.0125	0.2930	0.0293
CBD	15.000	5.40E-5	0.0125	0.2400	0.0240
CBL	15.000	3.50E-5	0.0125	0.1548	0.0155
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
CBC	15.000	2.76E-5	0.075	<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			0.933	0.093
Total Active THC	15.000			0.272	0.027

Total HHC None Detected	Total Active THC 0.027% 0.54 mg
Total Active CBD 0.093% 1.86 mg	Total CBG 5.163% 103.26 mg
Total CBN 0.032% 0.64 mg	Total Cannabinoids 16.612% 332.244 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, (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 # 042125MPPG
Batch Date: 2025-04-21
Extracted From: HEMP

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ131

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

Initial Gross Weight: 31.000 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: 971.600 mg

Passed
SOP13.017 (qPCR)

Dilution Factor: 20.000

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 #: AAGQ131-218	Date: 2025-04-26 14:30:39



Microbiology Pathogenic AE qPCR - (GA)

Passed
SOP13.029 (qPCR)

Specimen Weight: 1039.700 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	Passed	STEC	1	Passed



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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ131

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

Initial Gross Weight: 31.000 g

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



Heavy Metals

Specimen Weight: 246.100 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 203

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	136.000	Mercury (Hg)	.58	100	200	<LOQ



Residual Solvents (GA-4)

Specimen Weight: 19.400 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	48344.600	Hexane	0.068	25	100000	<LOQ



Mycotoxins

Specimen Weight: 607.400 mg

Passed
SOP13.007 (LCMS)

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	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					

Aixa 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

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

Test Reg State: Georgia
Food Permit #: 420113

PEMBROKE PARK, FL 33009

Order # TER250421-150001

Order Date: 2025-04-21

Sample # AAGQ131

Sampling Date: 2025-04-24

Lab Batch Date: 2025-04-24

Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.000 g

Number of Units: 1

Net Weight per Unit: 2000.000 mg

Sampling Method: MSP 7.3.1

HHCP

Specimen Weight: 1614.530 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	<LOQ	<LOQ
(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	<LOQ	<LOQ
9(S)-HHCP	2.5500E-5	0.075	<LOQ	<LOQ				

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ131

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

Initial Gross Weight: 31.000 g

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

Pesticides - (GA)
Specimen Weight: 601.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.490

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	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	Metaxyl	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	Paclobutrazol	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.

