



Certificate of Analysis

Compliance Test

Client Information:

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

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

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ133

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

Initial Gross Weight: 30.900 g

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

Statement of Amendment: Updated Pesticides



Product Image



**Potency
Tested**

HHCP

**HHCP
Tested**



**Pathogenic Microbiology
Passed**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Microbiology (qPCR)
Passed**



**Filtration and Foreign
Passed**

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

Tested

SOP13.001 (LCUV)



Potency Summary

Specimen Weight: 1530.180 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15,000	2.60E-5	0.0125	62.8700	6.2870
Delta9-THCP	1500,000	1.17E-5	0.01	62.6700	6.2670
CBGA	15,000	8.00E-5	0.0125	58.3200	5.8320
CBG	15,000	2.48E-4	0.0125	7.9200	0.7920
Delta-8 THCV	150,000	4.00E-5	0.0125	2.2460	0.2246
CBCA	150,000	1.07E-4	0.0125	1.6180	0.1618
CBC	15,000	2.76E-5	0.075	0.9750	0.0975
CBDA	15,000	1.00E-5	0.0125	0.9200	0.0920
CBT	15,000	2.00E-4	0.0125	0.5923	0.0592
CBN	15,000	1.40E-5	0.0125	0.4000	0.0400
THCA-A	15,000	3.20E-5	0.0125	0.3600	0.0360
Delta8-THCP	15,000	3.75E-4	0.0125	0.3434	0.0343
CBD	15,000	5.40E-5	0.0125	0.2600	0.0260
CBL	15,000	3.50E-5	0.0125	0.1800	0.0180
Delta-10 THC	15,000	3.00E-6	0.0125	<LOQ	<LOQ
Delta-9 THC	15,000	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			1.067	0.107
Total Active THC	15,000			0.316	0.032

Total HHC None Detected	Total Active THC 0.032% 0.64 mg
Total Active CBD 0.107% 2.14 mg	Total CBG 5.912% 118.24 mg
Total CBN 0.040% 0.8 mg	Total Cannabinoids 19.967% 399.348 mg

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

Aixa 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.

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Sampling Method: MSP 7.3.1



PCR Total Yeast and Mold

Specimen Weight: 976.800 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 14:30:59	Lab Batch #: AAGQ133-218	Date: 2025-04-26 14:30:59



Microbiology Pathogenic AE qPCR - (GA)

Passed
SOP13.029 (qPCR)

Specimen Weight: 1009.600 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	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)

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Heavy Metals

Specimen Weight: 249.800 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: 16.000 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	34224.270	Hexane	0.068	25	100000	<LOQ



Mycotoxins

Specimen Weight: 607.100 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					

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Sampling Method: MSP 7.3.1

HHCP

Specimen Weight: 1530.180 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	0.9750	0.0975
(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				

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 **Pesticides - (GA)**
Specimen Weight: 618.600 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.420

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					


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