



Certificate of Analysis

Compliance Test

Client Information:

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

Batch # 043025HB
Batch Date: 2025-07-11
Extracted From: HEMP

Test Reg State: Florida
Food Permit #: 420113

Order # TER250711-060001
Order Date: 2025-07-11
Sample # AAGX161

Sampling Date: 2025-07-15
Lab Batch Date: 2025-07-15
Completion Date: 2025-07-21

Initial Gross Weight: 25.600 g
Net Weight: 4.000 g

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



Product Image



Potency
Tested



Heavy Metals
Passed



2,3-Butanedione
Passed



Mycotoxins
Passed



Pesticides
Passed



Pathogenic
Passed



Microbiology (qPCR)
Passed



Vitamin E
Passed

Potency 25 (LCUV)
Specimen Weight: 1717.510 mg

Tested
SOP13.001 (LCUV)



Potency Summary

Total Active THC	0.032%	0.649 mg	Total Active CBD	-	None Detected
Total CBG	6.801%	136.020 mg	Total CBN	0.099%	1.980 mg
Total Cannabinoids	23.653%	473.060 mg			

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta9-THCP	15000.000	1.17E-5	0.01	94.9700	9.4970
CBGA	150.000	8.00E-5	0.0125	73.2200	7.3220
Delta-8 THC	150.000	2.60E-5	0.0125	57.5400	5.7540
CBG	150.000	2.48E-4	0.0125	3.7200	0.3720
CBCA	150.000	1.07E-4	0.0125	2.8180	0.2818
CBC	150.000	1.80E-5	0.0125	1.4300	0.1430
CBN	150.000	1.40E-5	0.0125	0.9900	0.0990
Delta8-THCP	150.000	3.75E-4	0.0125	0.6972	0.0697
Delta-8 THCV	150.000	4.00E-5	0.0125	0.4961	0.0496
THCA-A	150.000	3.20E-5	0.0125	0.3700	0.0370
CBL	150.000	3.50E-5	0.0125	0.2791	0.0279
CBD	150.000	5.40E-5	0.0125	<LOQ	<LOQ
CBDA	150.000	1.00E-5	0.0125	<LOQ	<LOQ
CBDV	150.000	6.50E-5	0.0125	<LOQ	<LOQ
CBDDVA	150.000	1.40E-5	0.0125	<LOQ	<LOQ
CBNA	150.000	9.50E-5	0.0125	<LOQ	<LOQ
CBT	150.000	2.00E-4	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	150.000	2.70E-5	0.025	<LOQ	<LOQ
Delta-9 THC	150.000	1.30E-5	0.0125	<LOQ	<LOQ
Delta-9 THC-O Acetate	150.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	150.000	2.30E-4	0.0125	<LOQ	<LOQ
THCB	150.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	150.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	150.000	7.00E-6	0.0125	<LOQ	<LOQ
THCVA	150.000	4.70E-5	0.0125	<LOQ	<LOQ
Total Active CBD	150.000			<LOQ	<LOQ
Total Active THC	150.000			0.324	0.032

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

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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2,3-butanedione(Diacetyl) Florida

Specimen Weight: 15.100 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.00036	0.2	<LOQ



Total Yeast and Mold

Specimen Weight: 976.500 mg

Passed

SOP13.017 (qPCR)

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	81584
Prep. By: 1161	Date: 2025-07-15 11:06:32	Analyzed By: 1161	Date: 2025-07-15 11:06:32
Reviewed By: 1179	Date: 2025-07-15 18:48:37	Lab Batch #: AAGX161-435	Date: 2025-07-15 18:48:37



Pathogenic SAE (qPCR)

Specimen Weight: 1016.300 mg

Passed
SOP13.029 (qPCR)

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	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Aixia Sun

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

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E Vitamin E (Tocopheryl Acetate)
Specimen Weight: 592.010 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.530

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	.705	500	500	<LOQ

H 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	184.975	Mercury (Hg)	.58	100	200	<LOQ

*** Mycotoxins**
Specimen Weight: 592.010 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					

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Net Weight: 4.000 g

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



Pesticides

Specimen Weight: 605.900 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	2.8800E-1	28.23	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metalaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	MGK-264	5.8500E-1	10	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Myclobutanil	1.0290E+0	30	100	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlormequat Chloride	1.0800E-1	10	1000	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Fonicamid	5.1700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ

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