



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 # 110524PWC
Batch Date: 2025-07-17
Extracted From: HEMP

Order Details:
Test Reg State: Florida
Food Permit #: 420113

Order #
TER250717-120001
Order Date: 2025-07-17
Sample # AAGX750

Sampling Date: 2025-07-18
Lab Batch Date: 2025-07-18
Orig. Completion Date: 2025-07-30

Initial Gross Weight: 24.900 g
Net Weight: 20.000 g

Net Weight per Package:
20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
10

Statement of Amendment: Updated Description



Product Image



**Potency
Tested**



**Heavy Metals
Passed**



**2,3-Butanedione
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Water Activity
Tested**



**Pathogenic
Passed**



**Microbiology (qPCR)
Passed**



**Microbiology
Tested**



**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	7.48%	Total CBN	0.0680%
per Serving	150 mg	per Serving	1.36 mg
per Package	1500 mg	per Package	13.6 mg
Total Cannabinoids	22.3%	Total Active THC	0.0316%
per Serving	447 mg	per Serving	0.632 mg
per Package	4470 mg	per Package	6.32 mg

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 = Delta 8-THCP + Delta 9-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.

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Servings Per Package:
10



Potency 25 (LCUV)

Specimen Weight: 1737.700 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 10

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBGA	150.000	8.000000E-5	0.0125	79.0	7.90	158	1580
Delta9-THCP	15000.000	1.170000E-5	0.01	70.3	7.03	141	1410
Delta-8 THC	150.000	2.600000E-5	0.0125	60.8	6.08	122	1220
CBG	150.000	2.480000E-4	0.0125	5.48	0.548	11.0	110
CBCA	150.000	1.070000E-4	0.0125	2.71	0.271	5.42	54.2
CBC	150.000	1.800000E-5	0.0125	2.06	0.206	4.12	41.2
Delta-8 THCV	150.000	4.000000E-5	0.0125	1.15	0.115	2.30	23.0
CBN	150.000	1.400000E-5	0.0125	0.680	0.0680	1.36	13.6
Delta8-THCP	150.000	3.750000E-4	0.0125	0.666	0.0666	1.33	13.3
THCA-A	150.000	3.200000E-5	0.0125	0.360	0.0360	0.720	7.20
CBL	150.000	3.500000E-5	0.0125	0.184	0.0184	0.367	3.67
CBD	150.000	5.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDA	150.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDV	150.000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	150.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBNA	150.000	9.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBT	150.000	2.000000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	150.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	150.000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	150.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	150.000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	150.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	150.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	150.000	7.000000E-6	0.0125	<LOQ	<LOQ	0.00	0.00
THCVA	150.000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	150.000			0.316	0.0316	0.632	6.32
Total Active CBD	150.000			<LOQ	<LOQ	0.00	0.00

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



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Sample # AAGX750

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Net Weight: 20.000 g

Net Weight per Package:
20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
10

 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	0.000	0.2	<LOQ		

 Water Activity Net Weight: 20.000 g		Tested SOP13.016 (Water Activity Analyzer)	
Dilution Factor: 1.000			
Analyte		Action Level (aw)	Result (aw)
Water Activity		0.85	0.546



Total Yeast and Mold

Specimen Weight: 1012.800 mg

Passed

SOP13.017 (qPCR)

Dilution Factor: 20.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	59400



Microbiology AC TYM BTGN plating - (GA)

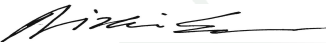
Specimen Weight: 1000.000 mg

Tested

SOP13.003 (Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Bile tolerant gram-negative bacteria	100	1000	<100	Total Aerobic Count	1000	100000	<1000


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Sample # AAGX750

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Net Weight: 20.000 g

Net Weight per Package:
20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
10

E Vitamin E (Tocopheryl Acetate)

Specimen Weight: 580.040 mg

Dilution Factor: 2.590

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

Passed

SOP13.007 (LCMS/GCMS)

H Heavy Metals

Specimen Weight: 251.280 mg

Dilution Factor: 198

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	182	Mercury (Hg)	0.580	100	200	<LOQ

Passed

SOP13.048 (ICP-MS)

M Mycotoxins

Specimen Weight: 580.040 mg

Dilution Factor: 2.590

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

Passed

SOP13.007 (LCMS/GCMS)

P Pathogenic SAE (qPCR)

Specimen Weight: 1029.380 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	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

Passed

SOP13.029 (qPCR)

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Sample # AAGX750

Sampling Date: 2025-07-18

Lab Batch Date: 2025-07-18
Orig. Completion Date: 2025-07-30

Initial Gross Weight: 24.900 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2000 mg
Servings Per Package:
10

Residual Solvents - FL (CBD)

Specimen Weight: 15.100 mg

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	0.16	8	<LOQ	Heptane	0.001	1.39	5000	<LOQ
1,2-Dichloroethane	0.000	0.04	2	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.005	1.39	500	14.6
Acetonitrile	0.060	1.17	410	<LOQ	Methanol	0.001	0.69	3000	10.5
Benzene	0.000	0.02	2	<LOQ	Methylene chloride	0.003	2.43	600	<LOQ
Butanes	0.417	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.000	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.002	2.78	5000	40.7	Toluene	0.001	2.92	890	<LOQ
Ethyl Acetate	0.001	1.11	5000	<LOQ	Total Xylenes	0.000	2.92	2170	<LOQ
Ethyl Ether	0.005	1.39	5000	<LOQ	Trichloroethylene	0.001	0.49	80	<LOQ
Ethylene Oxide	0.004	0.1	5	<LOQ					

Passed

SOP13.039 (GCMS-HS)

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Sampling Method:
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Net Weight per Serving:

2000 mg
Servings Per Package:
10



Pesticides

Specimen Weight: 580.040 mg

Dilution Factor: 2.590

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)
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	Metaxalyl	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
Chlormequat Chloride	0.108	10	1000	<LOQ	Paclobutrazol	0.065	30	100	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ
cis-Chlordane	10.000	10	100	<LOQ	Permethrin	0.343	30	100	<LOQ
Clofentezine	0.119	30	200	<LOQ	Phosmet	0.082	30	100	<LOQ
Coumaphos	3.770	48	100	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cyfluthrin	3.110	30	500	<LOQ	Prallethrin	0.798	30	100	<LOQ
Cypermethrin	1.449	30	500	<LOQ	Propiconazole	0.070	30	100	<LOQ
Daminozide	0.885	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Diazinon	0.044	30	100	<LOQ	Pyrethrins	23.593	30	500	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyridaben	0.032	30	200	<LOQ
Dimethoate	0.021	30	100	<LOQ	Spinetoram	0.080	10	200	<LOQ
Dimethomorph	5.830	48	200	<LOQ	Spinosad	0.088	30	100	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spiromesifen	0.261	30	100	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spirotetramat	0.089	30	100	<LOQ
Etiozole	0.095	30	100	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenhexamid	0.510	10	100	<LOQ	Tebuconazole	0.067	30	100	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fenpyroximate	0.138	30	100	<LOQ	Thiamethoxam	0.050	30	500	<LOQ
Fipronil	0.107	30	100	<LOQ	trans-Chlordane	10.000	10	100	<LOQ
Flonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

Aixia Sun

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