



**Certificate of Analysis**  
Compliance Test

<b>Client Information:</b> <b>TERP NATION LLC</b> 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Manufacturing Facility:</b> TERP NATION LLC 2500 S PARK ROAD BAY#1 PEMBROKE PARK, FL 33009	<b>Batch Data:</b> Batch # 102324PBK Batch Date: 2025-07-17 Extracted From: HEMP	<b>Order Details:</b> Test Reg State: Florida Food Permit #: 420113
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<b>Order #</b> TER250717-120001 <b>Order Date:</b> 2025-07-17 <b>Sample #</b> AAGX759	<b>Sampling Date:</b> 2025-07-18 <b>Lab Batch Date:</b> 2025-07-18 <b>Orig. Completion Date:</b> 2025-07-30	<b>Initial Gross Weight:</b> 23.800 g <b>Net Weight:</b> 20.000 g	<b>Net Weight per Package:</b> 20000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 10
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Statement of Amendment: Updated Batch#

Product Image

<b>Potency Tested</b>	<b>Heavy Metals Passed</b>	<b>2 3-Butanedione Passed</b>	<b>Mycotoxins Passed</b>	<b>Pesticides Passed</b>
<b>Residual Solvents Passed</b>	<b>Water Activity Tested</b>	<b>Pathogenic Passed</b>	<b>Microbiology (qPCR) Passed</b>	<b>Microbiology Tested</b>
<b>Vitamin E Passed</b>				

**Potency Summary**

<b>Delta 9 THC</b>	<b>&lt;LOQ</b>	<b>Total Active CBD</b>	<b>&lt;LOQ</b>
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
<b>Total CBG</b>	<b>8.30%</b>	<b>Total CBN</b>	<b>0.0560%</b>
per Serving	166 mg	per Serving	1.12 mg
per Package	1660 mg	per Package	11.2 mg
<b>Total Cannabinoids</b>	<b>23.0%</b>	<b>Total Active THC</b>	<b>0.0439%</b>
per Serving	460 mg	per Serving	0.878 mg
per Package	4600 mg	per Package	8.78 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 = 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.

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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 # 102324PBK  
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 #** AAGX759

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

**Initial Gross Weight:** 23.800 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

**Potency 25 (LCUV)**  
Specimen Weight: 208.260 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	15.000	8.000000E-5	0.0125	88.1	8.81	176	1760
Delta-8 THC	15.000	2.600000E-5	0.0125	67.7	6.77	135	1350
Delta9-THCP	1500.000	1.170000E-5	0.01	64.1	6.41	128	1280
CBG	15.000	2.480000E-4	0.0125	5.68	0.568	11.4	114
CBC	15.000	1.800000E-5	0.0125	1.33	0.133	2.66	26.6
Delta8-THCP	15.000	3.750000E-4	0.0125	0.857	0.0857	1.71	17.1
Delta-8 THCV	15.000	4.000000E-5	0.0125	0.739	0.0739	1.48	14.8
CBN	15.000	1.400000E-5	0.0125	0.560	0.0560	1.12	11.2
THCA-A	15.000	3.200000E-5	0.0125	0.500	0.0500	1.00	10.0
CBL	15.000	3.500000E-5	0.0125	0.208	0.0208	0.415	4.15
CBCA	15.000	1.070000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
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
CBNA	15.000	9.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBT	15.000	2.000000E-4	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			0.439	0.0439	0.878	8.78
Total Active CBD	15.000			<LOQ	<LOQ	0.00	0.00

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

**Definitions are found on page 1**

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<b>Order #</b> TER250717-120001 <b>Order Date:</b> 2025-07-17 <b>Sample #</b> AAGX759	<b>Sampling Date:</b> 2025-07-18 <b>Lab Batch Date:</b> 2025-07-18 <b>Orig. Completion Date:</b> 2025-07-30	<b>Initial Gross Weight:</b> 23.800 g <b>Net Weight:</b> 20.000 g	<b>Net Weight per Package:</b> 20000.000 mg <b>Sampling Method:</b> MSP 7.3.1	<b>Net Weight per Serving:</b> 2000 mg <b>Servings Per Package:</b> 10
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<b>2,3-butanedione(Diacetyl) Florida</b> Specimen Weight: 16.200 mg	<b>Passed</b> SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

<b>Water Activity</b> Net Weight: 20.000 g	<b>Tested</b> SOP13.016 (Water Activity Analyzer)	
Dilution Factor: 1.000		
Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.612

<b>Total Yeast and Mold</b> Specimen Weight: 1025.530 mg	<b>Passed</b> SOP13.017 (qPCR)		
Dilution Factor: 20.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

<b>Microbiology AC TYM BTGN plating - (GA)</b> Specimen Weight: 1000.000 mg	<b>Tested</b> 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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<b>Pathogenic SAE (qPCR)</b> Specimen Weight: 1038.510 mg		<b>Passed</b> 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			

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<b>E Vitamin E (Tocopheryl Acetate)</b> Specimen Weight: 596.060 mg Dilution Factor: 2.520	<b>Passed</b> SOP13.007 (LCMS/GCMS)			
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

<b>H Heavy Metals</b> Specimen Weight: 250.060 mg Dilution Factor: 199	<b>Passed</b> 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)	4.830	100	200	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	200	143	Mercury (Hg)	0.580	100	200	<LOQ

<b>Mycotoxins</b> Specimen Weight: 596.060 mg Dilution Factor: 2.520	<b>Passed</b> 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	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					

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Aixia Sun Lab Director/Principal Scientist  
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Batch Date: 2025-07-17  
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Test Reg State: Florida  
Food Permit #: 420113

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TER250717-120001  
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**Sample #** AAGX759

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**Orig. Completion Date:** 2025-07-30

**Initial Gross Weight:** 23.800 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: 16.200 mg

**Passed**  
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	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	<LOQ
Acetonitrile	0.060	1.17	410	<LOQ	Methanol	0.001	0.69	3000	15.7
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	<LOQ	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					

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20000.000 mg  
**Sampling Method:**  
MSP 7.3.1

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

**Pesticides**

Specimen Weight: 593.060 mg

**Passed**  
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
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
Etoazole	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
Fonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

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**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

