



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 # 102324PRR
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 # AAGX755

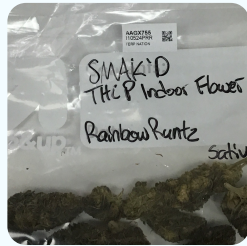
Sampling Date: 2025-07-18
Lab Batch Date: 2025-07-18
Orig. Completion Date: 2025-07-30

Initial Gross Weight: 23.700 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 Batch#



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 | 0.0140% |
| per Serving | 0.00 mg | per Serving | 0.280 mg |
| per Package | 0.00 mg | per Package | 2.80 mg |
| Total CBG | 9.22% | Total CBN | 0.0660% |
| per Serving | 184 mg | per Serving | 1.32 mg |
| per Package | 1840 mg | per Package | 13.2 mg |
| Total Cannabinoids | 27.9% | Total Active THC | 0.0517% |
| per Serving | 558 mg | per Serving | 1.03 mg |
| per Package | 5580 mg | per Package | 10.3 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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Orig. Completion Date: 2025-07-30

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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



Potency 25 (LCUV)
Specimen Weight: 207.870 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 | 99.2 | 9.92 | 198 | 1980 |
| Delta-8 THC | 15.000 | 2.600000E-5 | 0.0125 | 94.0 | 9.40 | 188 | 1880 |
| Delta-9-THCP | 1500.000 | 1.170000E-5 | 0.01 | 75.6 | 7.56 | 151 | 1510 |
| CBG | 15.000 | 2.480000E-4 | 0.0125 | 5.11 | 0.511 | 10.2 | 102 |
| CBC | 15.000 | 1.800000E-5 | 0.0125 | 1.79 | 0.179 | 3.58 | 35.8 |
| Delta-8-THCP | 15.000 | 3.750000E-4 | 0.0125 | 1.01 | 0.101 | 2.01 | 20.1 |
| Delta-8 THCV | 15.000 | 4.000000E-5 | 0.0125 | 0.912 | 0.0912 | 1.82 | 18.2 |
| CBN | 15.000 | 1.400000E-5 | 0.0125 | 0.660 | 0.0660 | 1.32 | 13.2 |
| THCA-A | 15.000 | 3.200000E-5 | 0.0125 | 0.590 | 0.0590 | 1.18 | 11.8 |
| CBL | 15.000 | 3.500000E-5 | 0.0125 | 0.279 | 0.0279 | 0.558 | 5.58 |
| CBD | 15.000 | 5.400000E-5 | 0.0125 | 0.140 | 0.0140 | 0.280 | 2.80 |
| CBCA | 15.000 | 1.070000E-4 | 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 | | | 0.517 | 0.0517 | 1.03 | 10.3 |
| Total Active CBD | 15.000 | | | 0.140 | 0.0140 | 0.280 | 2.80 |

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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Order Date: 2025-07-17
Sample # AAGX755


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


Initial Gross Weight: 23.700 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

| | | | | |
|--|-----------|-----------|--|--|
| <div> 2,3-butanedione(Diacetyl) Florida Specimen Weight: 17.400 mg</div> | | | <div>Passed SOP13.039 (GCMS-HS)</div> | |
| Dilution Factor: 1.000 | | | | |
| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | |
| 2,3-Butanedione | 0.000 | 0.2 | <LOQ | |

| | | | |
|--|-------------------|---|-------------|
| <div> Water Activity</div> <div>Net Weight: 20.000 g</div> | | <div>Tested</div> <div>SOP13.016 (Water Activity Analyzer)</div> | |
| Dilution Factor: 1.000 | | | |
| Analyte | Action Level (aw) | | Result (aw) |
| Water Activity | 0.85 | | 0.608 |



Total Yeast and Mold


Specimen Weight: 1020.840 mg

Dilution Factor: 20.000

| Analyte | LOQ (cfu/g) | Action Level (cfu/g) | Result (cfu/g) |
|------------------|----------------|-------------------------|-------------------|
| Total Yeast/Mold | 1000 | 100000 | <LOQ |

Passed

SOP13.017 (qPCR)



Microbiology AC TYM BTGN plating - (GA)

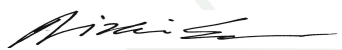
Specimen Weight: 1000.000 mg

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 |


Aixa Sun Lab Director/Principal Scientist
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Initial Gross Weight: 23.700 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



Pathogenic SAE (qPCR)

Specimen Weight: 1047.140 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 | | | |

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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



Vitamin E (Tocopheryl Acetate)

Specimen Weight: 603.270 mg

Dilution Factor: 2.490

Passed
SOP13.007 (LCMS/GCMS)

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



Heavy Metals

Specimen Weight: 250.980 mg

Dilution Factor: 199

Passed
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 | 161 | Mercury (Hg) | 0.580 | 100 | 200 | <LOQ |



Mycotoxins

Specimen Weight: 603.270 mg

Dilution Factor: 2.490

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) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| 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 | | | | | |

Aixa Sun

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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



Residual Solvents - FL (CBD)

Specimen Weight: 17.400 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 | 15.7 |
| Acetonitrile | 0.060 | 1.17 | 410 | <LOQ | Methanol | 0.001 | 0.69 | 3000 | 13.5 |
| 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 | 46.2 | 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)

Aixia Sun

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MSP 7.3.1

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2000 mg
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10

| Pesticides | | | | | Passed | | | | |
|-----------------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Specimen Weight: 603.270 mg | | | | | SOP13.007 (LCMS/GCMS) | | | | |
| 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 | 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 |
| Fonicamid | 0.517 | 30 | 100 | <LOQ | Trifloxystrobin | 0.037 | 30 | 100 | <LOQ |

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Definitions are found on page 1

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