



License No. 800025015  
FL License # CMTL-0003  
CLIA No. 10D1094068

## Certificate of Analysis

Compliance Test

**PANTHER CITY  
PROCESSING**  
11842 S SOONER RD  
EDMOND, OK 73034

Batch # 07JUNE21.GM20-OC  
Batch Date: 2021-06-07  
Extracted From: hemp

Sampling Method: MSP 7.3.1 Test Reg  
State: Florida

Production Facility: Panther City  
Processing  
Production Date: 2021-06-07

Order # PAN210607-070019  
Order Date: 2021-06-07  
Sample # AABL445

Sampling Date: 2021-06-12  
Lab Batch Date: 2021-06-12  
Completion Date: 2021-06-21

Initial Gross Weight: 43.261 g  
Net Weight: 37.186 g

Number of Units: 1  
Net Weight per Unit: 37186.000 mg



Product Image



**Potency  
Tested**



**Heavy Metals  
Passed**



**Mycotoxins  
Passed**



**Pesticides  
Passed**



**Residual  
Solvents  
Passed**



**Pathogenic  
Microbiology  
Passed**



**Listeria  
Monocytogenes  
Passed**



### Delta 8/Delta 10 Potency 12

Specimen Weight: 1544.070 mg

Pieces For Panel: 10

| Analyte      | Dilution (1:n) | LOD (%)  | LOQ (%) | Result (mg/g) | (%)   |
|--------------|----------------|----------|---------|---------------|-------|
| Delta-8 THC  | 10.000         | 0.000026 | 0.001   | 5.670         | 0.567 |
| Delta-10 THC | 10.000         | 0.000003 | 0.001   |               | <LOQ  |
| Delta-9 THC  | 10.000         | 0.000013 | 0.001   |               | <LOQ  |
| CBC          | 10.000         | 0.000018 | 0.001   |               | <LOQ  |
| CBD          | 10.000         | 0.000054 | 0.001   |               | <LOQ  |
| THCV         | 10.000         | 0.000007 | 0.001   |               | <LOQ  |
| THCA-A       | 10.000         | 0.000032 | 0.001   |               | <LOQ  |
| CBN          | 10.000         | 0.000014 | 0.001   |               | <LOQ  |
| CBGA         | 10.000         | 0.00008  | 0.001   |               | <LOQ  |
| CBG          | 10.000         | 0.000248 | 0.001   |               | <LOQ  |
| CBDV         | 10.000         | 0.000065 | 0.001   |               | <LOQ  |
| CBDA         | 10.000         | 0.00001  | 0.001   |               | <LOQ  |

**Tested  
(LCUV)**



### Potency Summary

|                                            |                                               |
|--------------------------------------------|-----------------------------------------------|
| <b>Total Delta 8</b><br>0.567% 210.845mg   | <b>Total Delta 10</b><br>None Detected        |
| <b>Total THC</b><br>None Detected          | <b>Total CBD</b><br>None Detected             |
| <b>Total CBG</b><br>None Detected          | <b>Total CBN</b><br>None Detected             |
| <b>Other Cannabinoids</b><br>None Detected | <b>Total Cannabinoids</b><br>0.567% 210.845mg |

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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Sample # AABL445

Sampling Date: 2021-06-12  
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Completion Date: 2021-06-21

Initial Gross Weight: 43.261 g  
Net Weight: 37.186 g

Number of Units: 1  
Net Weight per Unit: 37186.000 mg

### H Heavy Metals Passed (ICP-MS)

Specimen Weight: 250.000 mg

Pieces For Panel: 10 Dilution Factor: 2.000

| Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|--------------------|--------------|--------------|-----------|--------------------|--------------|
| Arsenic (As) | 100       | 1500               | <LOQ         | Cadmium (Cd) | 100       | 500                | <LOQ         |
| Lead (Pb)    | 100       | 500                | <LOQ         | Mercury (Hg) | 100       | 3000               | <LOQ         |

### Mycotoxins Passed (LCMS)

Specimen Weight: 173.700 mg

Pieces For Panel: 10 Dilution Factor: 8.636

| Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|--------------------|--------------|--------------|-----------|--------------------|--------------|
| Aflatoxin B1 | 6         | 20                 | <LOQ         | Aflatoxin B2 | 6         | 20                 | <LOQ         |
| Aflatoxin G1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 6         | 20                 | <LOQ         |
| Ochratoxin A | 12        | 20                 | <LOQ         |              |           |                    |              |

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Ph.D., DABT

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Initial Gross Weight: 43.261 g  
Net Weight: 37.186 g

Number of Units: 1  
Net Weight per Unit: 37186.000 mg

**Pesticides FL V4** **Passed**  
(LCMS/GCMS)  
Specimen Weight: 173.700 mg

Pieces For Panel: 10 Dilution Factor: 8.636

| Analyte             | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin           | 28.23     | 300                | <LOQ         | Acephate                | 30        | 3000               | <LOQ         |
| Acequinocyl         | 48        | 2000               | <LOQ         | Acetamid                | 30        | 3000               | <LOQ         |
| Aldicarb            | 30        | 100                | <LOQ         | Azoxystrobin            | 10        | 3000               | <LOQ         |
| Bifenazate          | 30        | 3000               | <LOQ         | Bifenthrin              | 30        | 500                | <LOQ         |
| Boscalid            | 10        | 3000               | <LOQ         | Captan                  | 30        | 3000               | <LOQ         |
| Carbaryl            | 10        | 500                | <LOQ         | Carbofuran              | 10        | 100                | <LOQ         |
| Chlorantraniliprole | 10        | 3000               | <LOQ         | Chlordane               | 10        | 100                | <LOQ         |
| Chlorfenapyr        | 30        | 100                | <LOQ         | Chlormequat Chloride    | 10        | 3000               | <LOQ         |
| Chlorpyrifos        | 30        | 100                | <LOQ         | Clofentazine            | 30        | 500                | <LOQ         |
| Coumaphos           | 48        | 100                | <LOQ         | Cyfluthrin              | 30        | 1000               | <LOQ         |
| Cypermethrin        | 30        | 1000               | <LOQ         | Daminozide              | 30        | 100                | <LOQ         |
| Diazinon            | 30        | 200                | <LOQ         | Dichlorvos              | 30        | 100                | <LOQ         |
| Dimethoate          | 30        | 100                | <LOQ         | Dimethomorph            | 48        | 3000               | <LOQ         |
| Ethoprophos         | 30        | 100                | <LOQ         | Etofenprox              | 30        | 100                | <LOQ         |
| Etoxazole           | 30        | 1500               | <LOQ         | Fenhexamid              | 10        | 3000               | <LOQ         |
| Fenoxycarb          | 30        | 100                | <LOQ         | Fenpyroximate           | 30        | 2000               | <LOQ         |
| Fipronil            | 30        | 100                | <LOQ         | Flonicamid              | 30        | 2000               | <LOQ         |
| Fludioxonil         | 48        | 3000               | <LOQ         | Hexythiazox             | 30        | 2000               | <LOQ         |
| Imazalil            | 30        | 100                | <LOQ         | Imidacloprid            | 30        | 3000               | <LOQ         |
| Kresoxim Methyl     | 30        | 1000               | <LOQ         | Malathion               | 30        | 2000               | <LOQ         |
| Metalaxyl           | 10        | 3000               | <LOQ         | Methiocarb              | 30        | 100                | <LOQ         |
| Methomyl            | 30        | 100                | <LOQ         | methyl-Parathion        | 10        | 100                | <LOQ         |
| Mevinphos           | 10        | 100                | <LOQ         | Myclobutanil            | 30        | 3000               | <LOQ         |
| Naled               | 30        | 500                | <LOQ         | Oxamyl                  | 30        | 500                | <LOQ         |
| Paclobutrazol       | 30        | 100                | <LOQ         | Pentachloronitrobenzene | 10        | 200                | <LOQ         |
| Permethrin          | 30        | 1000               | <LOQ         | Phosmet                 | 30        | 200                | <LOQ         |
| Piperonylbutoxide   | 30        | 3000               | <LOQ         | Prallethrin             | 30        | 400                | <LOQ         |
| Propiconazole       | 30        | 1000               | <LOQ         | Propoxur                | 30        | 100                | <LOQ         |
| Pyrethrins          | 30        | 1000               | <LOQ         | Pyridaben               | 30        | 3000               | <LOQ         |
| Spinetoram          | 10        | 3000               | <LOQ         | Spinosad                | 30        | 3000               | <LOQ         |
| Spiromesifen        | 30        | 3000               | <LOQ         | Spirotetramat           | 30        | 3000               | <LOQ         |
| Spiroxamine         | 30        | 100                | <LOQ         | Tebuconazole            | 30        | 1000               | <LOQ         |
| Thiacloprid         | 30        | 100                | <LOQ         | Thiamethoxam            | 30        | 1000               | <LOQ         |
| Trifloxystrobin     | 30        | 3000               | <LOQ         |                         |           |                    |              |

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### Residual Solvents - FL (CBD)

Specimen Weight: 14.400 mg

**Passed**  
(GCMS)

Pieces For Panel: 10 Dilution Factor: 1.000

| Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16      | 8                  | <LOQ         | 1,2-Dichloroethane | 0.04      | 5                  | <LOQ         |
| Acetone            | 2.08      | 5000               | <LOQ         | Acetonitrile       | 1.17      | 410                | <LOQ         |
| Benzene            | 0.02      | 2                  | <LOQ         | Butanes            | 2.5       | 2000               | <LOQ         |
| Chloroform         | 0.04      | 60                 | <LOQ         | Ethanol            | 2.78      | 5000               | <LOQ         |
| Ethyl Acetate      | 1.11      | 5000               | <LOQ         | Ethyl Ether        | 1.39      | 5000               | <LOQ         |
| Ethylene Oxide     | 0.1       | 5                  | <LOQ         | Heptane            | 1.39      | 5000               | <LOQ         |
| Hexane             | 1.17      | 290                | <LOQ         | Isopropyl alcohol  | 1.39      | 500                | <LOQ         |
| Methanol           | 0.69      | 3000               | <LOQ         | Methylene chloride | 2.43      | 600                | <LOQ         |
| Pentane            | 2.08      | 5000               | <LOQ         | Propane            | 5.83      | 2100               | <LOQ         |
| Toluene            | 2.92      | 890                | <LOQ         | Total Xylenes      | 2.92      | 2170               | <LOQ         |
| Trichloroethylene  | 0.49      | 80                 | <LOQ         |                    |           |                    |              |

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### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1021.100 mg

**Passed**  
(Micro Array)

Pieces For Panel: 10 Dilution Factor: 1.000

| Analyte            | Result<br>(cfu/g) | Analyte               | Result<br>(cfu/g) |
|--------------------|-------------------|-----------------------|-------------------|
| Aspergillus flavus | Absence in 1g     | Aspergillus fumigatus | Absence in 1g     |
| Aspergillus niger  | Absence in 1g     | Aspergillus terreus   | Absence in 1g     |
| Salmonella         | Absence in 1g     | STEC E. Coli          | Absence in 1g     |



### Listeria Monocytogenes

Specimen Weight: 1004.810 mg

**Passed**  
(qPCR)

Pieces For Panel: 10 Dilution Factor: 1.000

| Analyte                | Action Level<br>(cfu/g) | Result        |
|------------------------|-------------------------|---------------|
| Listeria Monocytogenes | 1                       | Absence in 1g |

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