

Order #: TRU200624-020045      Order Date: 2020-06-24      Collection Date: 2020-06-29      Report Date: 2020-07-06

Batch #: 11  
Sample #: AAAI293  
Specimen Type: CBD/HEMP Edibles (Ingestion)  
Extracted From: Hemp  
Description: Gummie CBD

Initial Gross Weight: 36.738 g  
Specimen Weight: 506.5 mg  
Net Weight: 27323 mg  
Method: SOP-3



|  |                                    |   |
|--|------------------------------------|---|
| Potency<br><b>Tested</b>                 | Heavy Metals<br><b>Passed</b>      | Mycotoxins<br><b>Passed</b>             |
| Pathogenic Microbiology<br><b>Passed</b> | Residual Solvents<br><b>Passed</b> | Listeria Monocytogenes<br><b>Passed</b> |
| Pesticides<br><b>Passed</b>              |                                    |   |



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

|  |  |  |
|--|--|--|
| <b>Total CBD Dry Weight</b><br>0.924%      252.355mg | <b>Total THC Dry Weight</b><br>Not Detected      | <b>Total CBG</b><br>Not Detected                   |
| <b>Total CBN</b><br>Not Detected                     | <b>Other Cannabinoids</b><br>0.002%      0.473mg | <b>Total Cannabinoids</b><br>0.925%      252.828mg |

**Potency - 11 (Tested)**

**(HPLC/LCMSMS)**

| Analyte          | Result (mg/g) | (%)   | LOQ (%) | Analyte     | Result (mg/g) | (%)   | LOQ (%) | Analyte          | Result (mg/g) | (%)   | LOQ (%) |
|------------------|---------------|-------|---------|-------------|---------------|-------|---------|------------------|---------------|-------|---------|
| CBC              |               | <LOQ  | 0.001   | CBD         | 9.236         | 0.924 | 0.001   | CBDA             |               | <LOQ  | 0.001   |
| CBDV             | 0.017         | 0.002 | 0.001   | CBG         |               | <LOQ  | 0.001   | CBGA             |               | <LOQ  | 0.001   |
| CBN              |               | <LOQ  | 0.001   | Delta-8 THC |               | <LOQ  | 0.001   | Delta-9 THC      |               | <LOQ  | 0.001   |
| THCA-A           |               | <LOQ  | 0.001   | THCV        |               | <LOQ  | 0.001   | <b>Total CBD</b> | 9.236         | 0.924 | 0.001   |
| <b>Total THC</b> |               | <LOQ  | 0.001   |             |               |       |         |                  |               |       |         |

\*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Total (mg) = Total (%) ÷ 100 \* Net Weight(mg) (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection

Xueli Gao      Lab Toxicologist  
Ph.D., DABT

Aixia Sun      Principal Scientist  
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## Heavy Metals (Passed) (ICP-MS)

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

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

## Mycotoxins (Passed) (LCMS/MS)

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

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

## Pathogenic Microbiology #1 (MMTC Compliance Panel) (Passed) (Micro Array)

| Analyte             | Result        | Analyte               | Result        | Analyte           | Result        |
|---------------------|---------------|-----------------------|---------------|-------------------|---------------|
| 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 |

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TRUHARVEST FARMS  
 1771 FLANAGAN DR  
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 CHRISTIANSBURG, VA 24073

# Certificate of Analysis

**ACS** LABORATORY | CANNABIS & HEMP  
 BEYOND COMPLIANCE

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## Residual Solvents (Extract Only) (Passed)

(GC/GCMS)

| Analyte     | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte  | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte    | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
|-------------|--------------------|--------------|-----------|----------|--------------------|--------------|-----------|------------|--------------------|--------------|-----------|
| Acetone     | 5000               | <LOQ         | 87.9      | Benzene  | 1.6                | <LOQ         | 1.6       | Chloroform | 53                 | <LOQ         | 53        |
| Ethanol     | 5000               | <LOQ         | 26.7      | Hexane   | 60                 | <LOQ         | 36.6      | I-Butane   | 5000               | <LOQ         | 100       |
| Isopropanol | 5000               | <LOQ         | 52.3      | Methanol | 3000               | <LOQ         | 87.9      | N-Butane   | 5000               | <LOQ         | 200       |
| Pentane     | 5000               | <LOQ         | 389.5     | Toluene  | 890                | <LOQ         | 38.4      |            |                    |              |           |

(ppm) = Parts per Million, (µg/g), LOQ = Limit of Quantitation

## Listeria Monocytogenes (Passed)

(qPCR)

| Analyte                | Remark        |
|------------------------|---------------|
| Listeria Monocytogenes | Absence in 1g |

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## Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/MS)

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

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