

CERTIFICATE OF ANALYSIS

PRODUCED: FEB 09, 2023

SAMPLE: SAUCE INFUSED PREROLL 1.20G - ZACK'S CAKE (INFUSED FLOWER) // CLIENT: ILAVA // BATCH: PASS



BATCH NO.: 221220-001  
 MATRIX: FLOWER  
 CATEGORY: INHALABLE  
 SAMPLE ID: TLT-221220-014  
 COLLECTED ON: DEC 20, 2022  
 RECEIVED ON: DEC 20, 2022  
 BATCH/SAMPLE SIZE: 120 G / 19.2 G  
 RECEIVED BY: RAUL MANUEL MORALES JR

| CANNABINOID OVERVIEW |          |
|----------------------|----------|
| TOTAL THC:           | 27.563 % |
| TOTAL CBD:           | < LOQ %  |
| TOTAL CANNABINOIDS:  | 31.372 % |

BATCH RESULT: PASS

|            |        |
|------------|--------|
| POTENCY    | TESTED |
| METALS     | PASS   |
| MICROBIAL  | PASS   |
| MYCOTOXINS | TESTED |
| PESTICIDES | PASS   |
| SOLVENTS   | TESTED |

SOP 50: CANNABINOID PROFILE BY HPLC-MS // DEC 26, 2022

| ANALYTE             | LIMIT   | AMT       | AMT | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE             | LIMIT    | AMT         | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|---------|-----------|-----|----------------|-----------|---------------------|----------|-------------|-----|----------------|-----------|
| CBD                 | < LOQ   | < LOQ     |     | 0.161/0.484    |           | Δ <sup>9</sup> -THC | 13.860 % | 138.60 mg/g |     | 0.161/0.484    |           |
| CBDA                | < LOQ   | < LOQ     |     | 0.161/0.484    |           | THCA                | 15.625 % | 156.25 mg/g |     | 1.684/5.052    |           |
| CBG                 | 0.309 % | 3.09 mg/g |     | 0.161/0.484    |           | TOTAL THC**         | 27.563 % | 275.63 mg/g |     |                |           |
| CBN                 | 0.075 % | 0.75 mg/g |     | 0.161/0.484    |           | TOTAL CBD**         | < LOQ    | < LOQ       |     |                |           |
| Δ <sup>8</sup> -THC | 0.311 % | 3.11 mg/g |     |                |           |                     |          |             |     |                |           |

\*\* TOTAL CBD = (CBDA X 0.877) + CBD

\*\* TOTAL THC = (THCA X 0.877) + THC

SOP 50: EXPANDED CANNABINOID PROFILE BY HPLC-MS // DEC 26, 2022

| ANALYTE | LIMIT   | AMT       | AMT | LOD/LOQ | PASS/FAIL | ANALYTE | LIMIT   | AMT       | AMT | LOD/LOQ | PASS/FAIL |
|---------|---------|-----------|-----|---------|-----------|---------|---------|-----------|-----|---------|-----------|
| CBC     | 0.126 % | 1.26 mg/g |     |         |           | CBGA    | 0.826 % | 8.26 mg/g |     |         |           |
| CBCA    | 0.240 % | 2.40 mg/g |     |         |           |         |         |           |     |         |           |

\*\* TOTAL CBD = (CBDA X 0.877) + CBD

\*\* TOTAL THC = (THCA X 0.877) + THC



RESULTS CERTIFIED BY: WILLIAM ENGLISH  
 LAB DIRECTOR, TITAN LABORATORIES  
 FEB 09, 2023

*W.A. English*

## SOP 60: PESTICIDES BY LC-MS/MS // DEC 23, 2022

| ANALYTE             | LIMIT    | AMT (µg/g) | LOD/LOQ | PASS/FAIL | ANALYTE           | LIMIT    | AMT (µg/g) | LOD/LOQ | PASS/FAIL |
|---------------------|----------|------------|---------|-----------|-------------------|----------|------------|---------|-----------|
| ABAMECTIN           | 0.5 µg/g | ND         |         | PASS      | HEXYTHIAZOX       | 1 µg/g   | ND         |         | PASS      |
| ACEPHATE            | 0.4 µg/g | ND         |         | PASS      | IMAZALIL          | 0.2 µg/g | ND         |         | PASS      |
| ACEQUINOCYL         | 2 µg/g   | ND         |         | PASS      | IMIDACLOPRID      | 0.4 µg/g | ND         |         | PASS      |
| ACETAMIPRID         | 0.2 µg/g | ND         |         | PASS      | KRESOXIM-METHYL   | 0.4 µg/g | ND         |         | PASS      |
| ALDICARB            | 0.4 µg/g | ND         |         | PASS      | MALATHION         | 0.2 µg/g | ND         |         | PASS      |
| AZOXYSTROBIN        | 0.2 µg/g | ND         |         | PASS      | METALAXYL         | 0.2 µg/g | ND         |         | PASS      |
| BIFENAZATE          | 0.2 µg/g | ND         |         | PASS      | METHIOCARB        | 0.2 µg/g | ND         |         | PASS      |
| BIFENTHRIN          | 0.2 µg/g | ND         |         | PASS      | METHOMYL          | 0.4 µg/g | ND         |         | PASS      |
| BOSCALID            | 0.4 µg/g | ND         |         | PASS      | MYCLOBUTANIL      | 0.2 µg/g | ND         |         | PASS      |
| CARBARYL            | 0.2 µg/g | ND         |         | PASS      | NALED             | 0.5 µg/g | ND         |         | PASS      |
| CARBOFURAN          | 0.2 µg/g | ND         |         | PASS      | OXAMYL            | 1 µg/g   | ND         |         | PASS      |
| CHLORANTRANILIPROLE | 0.2 µg/g | ND         |         | PASS      | PACLOBUTRAZOL     | 0.4 µg/g | ND         |         | PASS      |
| CHLORFENAPYR        | 1 µg/g   | ND         |         | PASS      | PERMETHRIN        | 0.2 µg/g | ND         |         | PASS      |
| CHLORPYRIFOS        | 0.2 µg/g | ND         |         | PASS      | PHOSMET           | 0.2 µg/g | ND         |         | PASS      |
| CLOFENTEZINE        | 0.2 µg/g | ND         |         | PASS      | PIPERONYLBUTOXIDE | 2 µg/g   | ND         |         | PASS      |
| CYFLUTHRIN          | 1 µg/g   | ND         |         | PASS      | PRALLETHRIN       | 0.2 µg/g | ND         |         | PASS      |
| CYPERMETHRIN        | 1 µg/g   | ND         |         | PASS      | PROPICONAZOLE     | 0.4 µg/g | ND         |         | PASS      |
| DAMINOZIDE          | 1 µg/g   | ND         |         | PASS      | PROPOXUR          | 0.2 µg/g | ND         |         | PASS      |
| DIAZINON            | 0.2 µg/g | ND         |         | PASS      | PYRETHRINS        | 1 µg/g   | ND         |         | PASS      |
| DICHLORVOS          | 0.1 µg/g | ND         |         | PASS      | PYRIDABEN         | 0.2 µg/g | ND         |         | PASS      |
| DIMETHOATE          | 0.2 µg/g | ND         |         | PASS      | SPINOSAD          | 0.2 µg/g | ND         |         | PASS      |
| ETHOPROPHOS         | 0.2 µg/g | ND         |         | PASS      | SPIROMESIFEN      | 0.2 µg/g | ND         |         | PASS      |
| ETOFENPROX          | 0.4 µg/g | ND         |         | PASS      | SPIROTETRAMAT     | 0.2 µg/g | ND         |         | PASS      |
| ETOXAZOLE           | 0.2 µg/g | ND         |         | PASS      | SPIROXAMINE       | 0.4 µg/g | ND         |         | PASS      |
| FENOXYCARB          | 0.2 µg/g | ND         |         | PASS      | TEBUCONAZOLE      | 0.4 µg/g | ND         |         | PASS      |
| FENPYROXIMATE       | 0.4 µg/g | ND         |         | PASS      | THIACLOPRID       | 0.2 µg/g | ND         |         | PASS      |
| FIPRONIL            | 0.4 µg/g | ND         |         | PASS      | THIAMETHOXAM      | 0.2 µg/g | ND         |         | PASS      |
| FLONICAMID          | 1 µg/g   | ND         |         | PASS      | TRIFLOXYSTROBIN   | 0.2 µg/g | ND         |         | PASS      |
| FLUDIOXONIL         | 0.4 µg/g | ND         |         | PASS      |                   |          |            |         |           |



## SOP 130: E. COLI BY 3M PETRIFILM // DEC 23, 2022

| ANALYTE          | LIMIT     | AMT (CFU/g) | PASS/FAIL |
|------------------|-----------|-------------|-----------|
| ESCHERICHIA COLI | 100 CFU/g | ND          | PASS      |

## SOP 121: SALMONELLA BY BAX Q7 QPCR // DEC 23, 2022

| ANALYTE         | LIMIT             | AMT (CFU/g) | PASS/FAIL |
|-----------------|-------------------|-------------|-----------|
| SALMONELLA SPP. | Any amt in 1 gram | ND          | PASS      |

## SOP 160: ASPERGILLUS BY GENE-UP QPCR // DEC 28, 2022

| ANALYTE               | LIMIT             | AMT (CFU/g) | PASS/FAIL |
|-----------------------|-------------------|-------------|-----------|
| ASPERGILLUS FLAVUS    | Any amt in 1 gram | ND          | PASS      |
| ASPERGILLUS FUMIGATUS | Any amt in 1 gram | ND          | PASS      |

| ANALYTE             | LIMIT             | AMT (CFU/g) | PASS/FAIL |
|---------------------|-------------------|-------------|-----------|
| ASPERGILLUS NIGER   | Any amt in 1 gram | ND          | PASS      |
| ASPERGILLUS TERREUS | Any amt in 1 gram | ND          | PASS      |

## SOP 60: MYCOTOXINS BY LC-MS/MS // DEC 22, 2022

| ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ | PASS/FAIL |
|--------------|----------|-------------|---------|-----------|
| AFLATOXINS   | 20 µg/kg | ND          |         |           |
| AFLATOXIN B1 |          | ND          |         |           |
| AFLATOXIN B2 |          | ND          |         |           |

| ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ | PASS/FAIL |
|--------------|----------|-------------|---------|-----------|
| AFLATOXIN G1 |          | ND          |         |           |
| AFLATOXIN G2 |          | ND          |         |           |
| OCHRATOXIN A | 20 µg/kg | ND          |         |           |

## SOP 70: HEAVY METALS BY ICP-MS // DEC 23, 2022

| ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ | PASS/FAIL |
|---------|----------|------------|---------|-----------|
| ARSENIC | 0.4 µg/g | ND         |         | PASS      |
| CADMIUM | 0.4 µg/g | 0.013      |         | PASS      |

| ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ | PASS/FAIL |
|---------|----------|------------|---------|-----------|
| LEAD    | 1 µg/g   | 0.020      |         | PASS      |
| MERCURY | 1.2 µg/g | 0.053      |         | PASS      |

## SOP 80: RESIDUAL SOLVENTS BY GC-MS // DEC 26, 2022

| ANALYTE   | LIMIT     | AMT (µg/g) | LOD/LOQ | PASS/FAIL |
|-----------|-----------|------------|---------|-----------|
| BUTANE    |           | ND         |         |           |
| HEXANE    |           | ND         |         |           |
| ACETONE   | 1000 µg/g | ND         |         |           |
| BENZENE   | 2 µg/g    | ND         |         |           |
| BUTANES   | 5000 µg/g | ND         |         |           |
| ETHANOL   | 5000 µg/g | ND         |         |           |
| HEPTANE   | 5000 µg/g | ND         |         |           |
| HEXANES   | 290 µg/g  | ND         |         |           |
| PENTANE   |           | ND         |         |           |
| PROPANE   | 5000 µg/g | ND         |         |           |
| TOLUENE   | 890 µg/g  | ND         |         |           |
| METHANOL  | 3000 µg/g | ND         |         |           |
| PENTANES  | 5000 µg/g | ND         |         |           |
| O-XYLENE  |           | ND         |         |           |
| ISOBUTANE |           | ND         |         |           |

| ANALYTE            | LIMIT     | AMT (µg/g) | LOD/LOQ | PASS/FAIL |
|--------------------|-----------|------------|---------|-----------|
| CHLOROFORM         | 60 µg/g   | ND         |         |           |
| ISOPENTANE         |           | ND         |         |           |
| NEOPENTANE         |           | ND         |         |           |
| ETHYL ETHER        | 5000 µg/g | ND         |         |           |
| ACETONITRILE       | 410 µg/g  | ND         |         |           |
| ETHYLBENZENE       |           | ND         |         |           |
| ETHYL ACETATE      | 5000 µg/g | ND         |         |           |
| 2-METHYLPENTANE    |           | ND         |         |           |
| 3-METHYLPENTANE    |           | ND         |         |           |
| DICHLOROMETHANE    | 600 µg/g  | ND         |         |           |
| P- AND M-XYLENE    |           | ND         |         |           |
| ISOPROPYL ACETATE  | 5000 µg/g | ND         |         |           |
| ISOPROPYL ALCOHOL  | 5000 µg/g | ND         |         |           |
| 2,2-DIMETHYLBUTANE |           | ND         |         |           |
| 2,3-DIMETHYLBUTANE |           | ND         |         |           |

