

Certificate of Analysis

Produced: Feb 07, 2025

Sample: Iced Tea (Edible Liquid) • Client: Hop the Wave



Matrix: Edible Liquid  
Density: 0.9967 g/ml  
Sample ID: ICC-250206-18-005  
Collected on: Feb 06, 2025  
Received on: Feb 06, 2025  
Sample Size: 2 Units  
Received By: Rebecca Fischer  
Package Size: 356.44 g

Tests Taken

Potency

Cannabinoid Overview

|                      |             |
|----------------------|-------------|
| Total THC:           | 4.95 mg/pkg |
| Total CBD:           | 5.06 mg/pkg |
| Total Cannabinoids:  | 10.0 mg/pkg |
| Sum of Cannabinoids: | 10.0 mg/pkg |

POT-INST-005: POT-INST-005: Potency • Feb 07, 2025

| Analyte | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/g)   | Analyte             | Amt (mg/pkg) | Amt (%) | Amt (mg/ml) | LOD/LOQ (mg/g)   |
|---------|--------------|---------|-------------|------------------|---------------------|--------------|---------|-------------|------------------|
| CBC     |              | ND      | ND          | 0.00109/0.00328  | CBT                 |              | ND      | ND          | 0.000475/0.00166 |
| CBD     | 5.06         | 0.00142 | 0.0142      | 0.000335/0.00166 | Δ <sup>8</sup> -THC |              | ND      | ND          | 0.000268/0.00166 |
| CBDA    |              | ND      | ND          | 0.000801/0.00240 | Δ <sup>9</sup> -THC | 4.95         | 0.00139 | 0.0139      | 0.000443/0.00166 |
| CBDV    |              | ND      | ND          | 0.000265/0.00166 | THCA                |              | ND      | ND          | 0.000609/0.00183 |
| CBG     |              | ND      | ND          | 0.000378/0.00166 | THCV                |              | ND      | ND          | 0.000205/0.00166 |
| CBGA    |              | ND      | ND          | 0.000590/0.00177 | Total THC**         | 4.95         | 0.00139 | 0.0139      |                  |
| CBL     |              | ND      | ND          | 0.000261/0.00166 | Total CBD**         | 5.06         | 0.00142 | 0.0142      |                  |
| CBN     |              | ND      | ND          | 0.000378/0.00166 |                     |              |         |             |                  |

\*\* Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (THCA x 0.877)  
\*\* Total CBD = CBD + (CBDA x 0.877)  
NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*, \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope\* \*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client. All California State Compliant samples sampled using SAMPL-SOP-001.



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## Certificate of Analysis

Produced: Feb 13, 2025

Sample: Iced Tea (Edible Liquid) • Client: Hop the Wave • Batch: Pass



Batch No.: 012825HTW  
Matrix: Edible Liquid  
Sample ID: ICC-250206-18-002  
Collected on: Feb 06, 2025  
Received on: Feb 06, 2025  
Sample Size: 2 Units  
Received By: Rebecca Fischer

Batch Result: Pass

|           |      |            |      |
|-----------|------|------------|------|
| Solvents  | Pass | Mycotoxins | Pass |
| Metals    | Pass | Pesticides | Pass |
| Microbial | Pass | Foreign    | Pass |

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## RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Feb 07, 2025

| Analyte            | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/ml) | Pass/Fail | Analyte            | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/ml) | Pass/Fail |
|--------------------|--------------|------------|-----------------|-----------|--------------------|--------------|------------|-----------------|-----------|
| 1,2-Dichloroethane | 1            | ND         | 0.167/0.509     | Pass      | Hexane             | 290          | ND         | 0.0660/0.281    | Pass      |
| Acetone            | 5000         | ND         | 17.1/51.3       | Pass      | Isopropyl alcohol  | 5000         | < LOQ      | 1.28/3.84       | Pass      |
| Acetonitrile       | 410          | 5.54       | 0.120/0.359     | Pass      | Methanol           | 3000         | < LOQ      | 2.97/8.92       | Pass      |
| Benzene            | 1            | ND         | 0.0210/0.0639   | Pass      | Methylene chloride | 1            | ND         | 0.127/0.729     | Pass      |
| Butane             | 5000         | ND         | 0.972/4.85      | Pass      | Pentane            | 5000         | ND         | 0.963/4.27      | Pass      |
| Chloroform         | 1            | ND         | 0.0360/0.108    | Pass      | Propane            | 5000         | ND         | 4.44/13.3       | Pass      |
| Ethanol            | 5000         | 62.9       | 2.62/7.85       | Pass      | Toluene            | 890          | ND         | 0.0880/0.864    | Pass      |
| Ethyl acetate      | 5000         | ND         | 0.313/2.29      | Pass      | Trichloroethylene  | 1            | ND         | 0.0180/0.145    | Pass      |
| Ethylene oxide     | 1            | ND         | 0.153/0.579     | Pass      | o-Xylene           | ND           | ND         | 0.101/0.857     | N/A       |
| Ethyl ether        | 5000         | ND         | 1.18/3.55       | Pass      | p- and m-Xylene    | ND           | ND         | 0.115/1.72      | N/A       |
| Heptane            | 5000         | ND         | 0.687/2.86      | Pass      | Total xylenes      | 2170         | ND         | 0.0168/0.143    | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.

## HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Feb 06, 2025

| Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g)  | Pass/Fail | Analyte | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g)  | Pass/Fail |
|---------|--------------|------------|-----------------|-----------|---------|--------------|------------|-----------------|-----------|
| Arsenic | 1.5          | ND         | 0.00300/0.00900 | Pass      | Lead    | 0.5          | < LOQ      | 0.00100/0.00400 | Pass      |
| Cadmium | 0.5          | ND         | 0.00100/0.00200 | Pass      | Mercury | 3            | ND         | 0.00500/0.0140  | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.



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[https://lims.tagleaf.com/coa\\_/jHllw3So2C](https://lims.tagleaf.com/coa_/jHllw3So2C)

Results Certified By: David Marelus PhD  
Lab Director, Infinite Chemical Analysis Labs, CA  
Feb 13, 2025

**MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Feb 10, 2025**

| Analyte         | Amt | Pass/Fail | Analyte                       | Amt | Pass/Fail |
|-----------------|-----|-----------|-------------------------------|-----|-----------|
| Salmonella spp. | ND  | Pass      | Shiga toxin-producing E. coli | ND  | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.

**Petrifilm-Listeria • Feb 11, 2025**

| Analyte       | Amt | Pass/Fail |
|---------------|-----|-----------|
| Listeria spp. | ND  | N/A       |

Compliance requirements for this test are taken from California Cannabis regulations.

**MICR-002: MICR-002: Petrifilm-Aerobic • Feb 12, 2025**

| Analyte          | Amt | Pass/Fail |
|------------------|-----|-----------|
| Aerobic Bacteria | ND  | Pass      |

Compliance requirements for this test are taken from Colorado Hemp regulations.

**MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Feb 12, 2025**

| Analyte      | Amt | Pass/Fail |
|--------------|-----|-----------|
| Yeast & Mold | ND  | Pass      |

Compliance requirements for this test are taken from Colorado Hemp regulations.

**Petrifilm-E. Coli • Feb 12, 2025**

| Analyte          | Amt | Pass/Fail |
|------------------|-----|-----------|
| Escherichia coli | ND  | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.

**MICR-002: MICR-002: Petrifilm-Coliforms • Feb 12, 2025**

| Analyte   | Amt | Pass/Fail |
|-----------|-----|-----------|
| Coliforms | ND  | Pass      |

Compliance requirements for this test are taken from Colorado Hemp regulations.

**MICR-002: MICR-002: Petrifilm-Salmonella • Feb 13, 2025**

| Analyte         | Amt | Pass/Fail |
|-----------------|-----|-----------|
| Salmonella spp. | ND  | Pass      |

Compliance requirements for this test are taken from Colorado Hemp regulations.

**PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Feb 07, 2025**

| Analyte      | Limit (µg/kg) | Amt (µg/kg) | LOD/LOQ (µg/kg) | Pass/Fail | Analyte      | Limit (µg/kg) | Amt (µg/kg) | LOD/LOQ (µg/kg) | Pass/Fail |
|--------------|---------------|-------------|-----------------|-----------|--------------|---------------|-------------|-----------------|-----------|
| Aflatoxin B1 |               | ND          | 2.60/7.88       | Pass      | Aflatoxin G2 |               | ND          | 1.89/5.72       | Pass      |
| Aflatoxin B2 |               | ND          | 2.04/6.18       | Pass      | Aflatoxins   | 20            | ND          |                 | Pass      |
| Aflatoxin G1 |               | ND          | 2.97/8.99       | Pass      | Ochratoxin A | 20            | ND          | 3.87/11.7       | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.

**PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Feb 07, 2025**

| Analyte      | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail | Analyte                 | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail |
|--------------|--------------|------------|----------------|-----------|-------------------------|--------------|------------|----------------|-----------|
| Captan       | 5            | ND         | 0.120/0.358    | Pass      | Cypermethrin            | 1            | ND         | 0.0145/0.0435  | Pass      |
| Chlordane    | Any amt      | ND         | 0.0249/0.0747  | Pass      | Methyl parathion        | Any amt      | ND         | 0.00811/0.0243 | Pass      |
| Chlorfenapyr | Any amt      | ND         | 0.0251/0.0753  | Pass      | Pentachloronitrobenzene | 0.2          | ND         | 0.0182/0.0545  | Pass      |
| Cyfluthrin   | 1            | ND         | 0.0186/0.0558  | Pass      |                         |              |            |                |           |

Compliance requirements for this test are taken from California Cannabis regulations.



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PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Feb 07, 2025

| Analyte             | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail | Analyte                 | Limit (µg/g) | Amt (µg/g) | LOD/LOQ (µg/g) | Pass/Fail |
|---------------------|--------------|------------|----------------|-----------|-------------------------|--------------|------------|----------------|-----------|
| Abamectin           | 0.3          | ND         | 0.0500/0.100   | Pass      | Malathion               | 5            | ND         | 0.0117/0.0354  | Pass      |
| Abamectin Ba        |              | ND         | 0.0330/0.0990  | N/A       | Metaxyl                 | 15           | ND         | 0.0101/0.0306  | Pass      |
| Acephate            | 5            | ND         | 0.0164/0.0497  | Pass      | Methiocarb              | Any amt      | ND         | 0.0156/0.0473  | Pass      |
| Acetaminophyl       | 4            | ND         | 0.0194/0.0587  | Pass      | Methomyl                | 0.1          | ND         | 0.0158/0.0479  | Pass      |
| Acetamiprid         | 5            | ND         | 0.0146/0.0442  | Pass      | Mevinphos               | Any amt      | ND         | 0.0139/0.0423  | Pass      |
| Aldicarb            | Any amt      | ND         | 0.0216/0.0654  | Pass      | Myclobutanil            | 9            | ND         | 0.0180/0.0546  | Pass      |
| Azoxystrobin        | 40           | ND         | 0.00960/0.0291 | Pass      | Naled                   | 0.5          | ND         | 0.0170/0.0514  | Pass      |
| Bifenazate          | 5            | ND         | 0.0115/0.0349  | Pass      | Oxamyl                  | 0.2          | ND         | 0.0153/0.0465  | Pass      |
| Bifenthrin          | 0.5          | ND         | 0.0130/0.0395  | Pass      | Paclobutrazol           | Any amt      | ND         | 0.0132/0.0400  | Pass      |
| Boscalid            | 10           | ND         | 0.0197/0.0596  | Pass      | Permethrin              | 20           | ND         | 0.00831/0.0300 | Pass      |
| Carbaryl            | 0.5          | ND         | 0.0160/0.0486  | Pass      | Permethrin cis          |              | ND         | 0.0200/0.0300  | N/A       |
| Carbofuran          | Any amt      | ND         | 0.00902/0.0300 | Pass      | Permethrin trans        |              | ND         | 0.0200/0.0300  | N/A       |
| Chlorantraniliprole | 40           | ND         | 0.0209/0.0632  | Pass      | Phosmet                 | 0.2          | ND         | 0.0125/0.0377  | Pass      |
| Chlorpyrifos        | Any amt      | ND         | 0.0176/0.0534  | Pass      | Piperonylbutoxide       | 8            | ND         | 0.00759/0.0300 | Pass      |
| Clofentezine        | 0.5          | ND         | 0.0129/0.0389  | Pass      | Prallethrin             | 0.4          | ND         | 0.0226/0.0685  | Pass      |
| Coumaphos           | Any amt      | ND         | 0.0185/0.0559  | Pass      | Propiconazole           | 20           | ND         | 0.0195/0.0590  | Pass      |
| Daminozide          | Any amt      | ND         | 0.0261/0.0791  | Pass      | Propoxur                | Any amt      | ND         | 0.0155/0.0471  | Pass      |
| Diazinon            | 0.2          | ND         | 0.00645/0.0300 | Pass      | Pyrethrins              | 1            | ND         | 0.00431/0.0300 | Pass      |
| Dichlorvos          | Any amt      | ND         | 0.0223/0.0674  | Pass      | Pyrethrins Pyrethrin I  |              | ND         | 0.0100/0.0450  | N/A       |
| Dimethoate          | Any amt      | ND         | 0.0118/0.0356  | Pass      | Pyrethrins Pyrethrin II |              | ND         | 0.0100/0.0300  | N/A       |
| Dimethomorph        | 20           | ND         | 0.0137/0.0416  | Pass      | Pyridaben               | 3            | ND         | 0.0115/0.0350  | Pass      |
| Ethoprophos         | Any amt      | ND         | 0.0174/0.0528  | Pass      | Spinetoram              | 3            | ND         | 0.00639/0.0300 | Pass      |
| Etofenprox          | Any amt      | ND         | 0.00849/0.0300 | Pass      | Spinetoram J            |              | ND         | 0.00500/0.0100 | N/A       |
| Etoazole            | 1.5          | ND         | 0.00783/0.0300 | Pass      | Spinetoram L            |              | ND         | 0.00500/0.0100 | N/A       |
| Fenhexamid          | 10           | ND         | 0.0129/0.0392  | Pass      | Spinosad                | 3            | ND         | 0.00410/0.0300 | Pass      |
| Fenoxycarb          | Any amt      | ND         | 0.0144/0.0435  | Pass      | Spinosad A              |              | ND         | 0.00500/0.0100 | N/A       |
| Fenpyroximate       | 2            | ND         | 0.00972/0.0300 | Pass      | Spinosad D              |              | ND         | 0.00500/0.0100 | N/A       |
| Fipronil            | Any amt      | ND         | 0.0148/0.0447  | Pass      | Spiromesifen            | 12           | ND         | 0.0137/0.0416  | Pass      |
| Flonicamid          | 2            | ND         | 0.0268/0.0811  | Pass      | Spirotetramat           | 13           | ND         | 0.0134/0.0407  | Pass      |
| Fludioxonil         | 30           | ND         | 0.0153/0.0464  | Pass      | Spiroxamine             | Any amt      | ND         | 0.0106/0.0320  | Pass      |
| Hexythiazox         | 2            | ND         | 0.0257/0.0778  | Pass      | Tebuconazole            | 2            | ND         | 0.0144/0.0437  | Pass      |
| Imazalil            | Any amt      | ND         | 0.0156/0.0474  | Pass      | Thiacloprid             | Any amt      | ND         | 0.0139/0.0421  | Pass      |
| Imidacloprid        | 3            | ND         | 0.0235/0.0711  | Pass      | Thiamethoxam            | 4.5          | ND         | 0.0181/0.0549  | Pass      |
| Kresoxim-methyl     | 1            | ND         | 0.0125/0.0379  | Pass      | Trifloxystrobin         | 30           | ND         | 0.0102/0.0310  | Pass      |

Compliance requirements for this test are taken from California Cannabis regulations.



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