# Certificate of Analysis

Invictus Brewing LLC
2025 105th Ave NE
Blaine, MN 55449
previns@invictusbrewingco.com
(612) 723-4090

## Sample: 2408AIT1014.2064

Strain: N/A
Batch#: Batch 9; Batch Size: g
Sample Received: 08/14/2024; Report Created: 08/23/2024

## Tropical Frenzy

Ingestible, Beverage

| 0.003% | <LOQ | 0.003% |
|---|---|---|
| 9.8 mg/container | <LOQ | 9.8 mg/container |
| *9.8 mg/serving* | *<LOQ* | *9.8 mg/serving* |
| Total THC | Total CBD | Total Cannabinoids |

## Cannabinoids

Date Tested: 08/15/2024

| Analytes | % | mg/g | mg/ml | mg/serving | LOQ |
|---|---|---|---|---|---|
| CBC | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBD | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBDa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBDV | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBG | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBGa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBL | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBN | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| Δ8-THC | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| Δ9-THC | 0.003 | 0.028 | 0.028 | 9.794 | 0.001 |
| THCa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| THCVa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |

Method: HPLC
Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

Total Cannabinoids represents the sum of all cannabinoids in the table above.
Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids %
LOQ = Limit of Quantitation

## Summary

| Pass | Pass | Pass |
|---|---|---|
| Pesticides | Mycotoxins | Heavy Metals |

4150 98th Ave S
Fargo, ND
(888) 897-4367
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John Schmidt
Analytical Chemist

Confident LIMS
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(866) 506-5866

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## Tropical Frenzy
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## Mycotoxins

**Pass**

Date Tested: 08/21/2024

| Analyte | LOQ | Limit | Result | Status |
|---|---|---|---|---|
| | PPB | PPB | PPB | |
| Aflatoxin B1 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin B2 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin G1 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin G2 | 1.00 | 20.00 | <LOQ | Pass |
| Ochratoxin A | 1.00 | 20.00 | <LOQ | Pass |

Method: LCMS



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## Heavy Metals

Pass

Date Tested: 08/21/2024

| Analyte | LOQ | Limit | Result | Status |
|---|---|---|---|---|
| | PPM | PPM | PPM | |
| Arsenic | 0.10 | 1.50 | <LOQ | Pass |
| Cadmium | 0.10 | 0.50 | <LOQ | Pass |
| Lead | 0.10 | 0.50 | <LOQ | Pass |
| Mercury | 0.10 | 3.00 | <LOQ | Pass |

Method: ICPMS



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## Pesticides

**Pass**

Date Tested: 08/21/2024

| Analyte | LOQ | Limit | Result | Status |
|---|---|---|---|---|
| | PPM | PPM | PPM | |
| Abamectin | 0.01 | 0.50 | <LOQ | Pass |
| Acephate | 0.01 | 0.40 | <LOQ | Pass |
| Acequinocyl | 0.01 | 2.00 | <LOQ | Pass |
| Acetamiprid | 0.01 | 0.20 | <LOQ | Pass |
| Aldicarb | 0.01 | 0.40 | <LOQ | Pass |
| Azoxystrobin | 0.01 | 0.20 | <LOQ | Pass |
| Bifenazate | 0.01 | 0.20 | <LOQ | Pass |
| Bifenthrin | 0.01 | 0.20 | <LOQ | Pass |
| Boscalid | 0.01 | 0.40 | <LOQ | Pass |
| Carbaryl | 0.01 | 0.20 | <LOQ | Pass |
| Carbofuran | 0.01 | 0.20 | <LOQ | Pass |
| Chlorantraniliprole | 0.01 | 0.20 | <LOQ | Pass |
| Chlorfenapyr | 0.01 | 1.00 | <LOQ | Pass |
| Chlorpyrifos | 0.01 | 0.20 | <LOQ | Pass |
| Clofentezine | 0.01 | 0.20 | <LOQ | Pass |
| Cyfluthrin | 0.01 | 1.00 | <LOQ | Pass |
| Cypermethrin | 0.01 | 1.00 | <LOQ | Pass |
| Daminozide | 0.01 | 1.00 | <LOQ | Pass |
| DDVP | 0.01 | 1.00 | <LOQ | Pass |
| Diazinon | 0.01 | 0.20 | <LOQ | Pass |
| Dimethoate | 0.01 | 0.20 | <LOQ | Pass |
| Ethoprophos | 0.01 | 0.20 | <LOQ | Pass |
| Etofenprox | 0.01 | 0.40 | <LOQ | Pass |
| Etoxazole | 0.01 | 0.20 | <LOQ | Pass |
| Fenoxycarb | 0.01 | 0.20 | <LOQ | Pass |

Methods: LCMS and GCMS


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## Pesticides

**Pass**

Date Tested: 08/21/2024

| Analyte | LOQ | Limit | Result | Status |
|---|---|---|---|---|
| | PPM | PPM | PPM | |
| Fenpyroximate | 0.01 | 0.40 | <LOQ | Pass |
| Fipronil | 0.01 | 0.40 | <LOQ | Pass |
| Flonicamid | 0.01 | 1.00 | <LOQ | Pass |
| Fludioxonil | 0.01 | 0.40 | <LOQ | Pass |
| Hexythiazox | 0.01 | 1.00 | <LOQ | Pass |
| Imazalil | 0.01 | 0.20 | <LOQ | Pass |
| Imidacloprid | 0.01 | 0.40 | <LOQ | Pass |
| Kresoxim Methyl | 0.01 | 0.40 | <LOQ | Pass |
| Malathion | 0.01 | 0.20 | <LOQ | Pass |
| Metalaxyl | 0.01 | 0.20 | <LOQ | Pass |
| Methiocarb | 0.01 | 0.20 | <LOQ | Pass |
| Methomyl | 0.01 | 0.40 | <LOQ | Pass |
| Methyl Parathion | 0.01 | 0.20 | <LOQ | Pass |
| MGK-264 | 0.01 | 0.20 | <LOQ | Pass |
| Myclobutanil | 0.01 | 0.20 | <LOQ | Pass |
| Naled | 0.01 | 0.50 | <LOQ | Pass |
| Oxamyl | 0.01 | 1.00 | <LOQ | Pass |
| Paclobutrazol | 0.01 | 0.40 | <LOQ | Pass |
| Permethrins | 0.01 | 0.20 | <LOQ | Pass |
| Phosmet | 0.01 | 0.20 | <LOQ | Pass |
| Piperonyl Butoxide | 0.01 | 2.00 | <LOQ | Pass |
| Prallethrin | 0.01 | 0.20 | <LOQ | Pass |
| Propiconazole | 0.01 | 0.40 | <LOQ | Pass |
| Propoxur | 0.01 | 0.20 | <LOQ | Pass |
| Pyrethrins | 0.01 | 1.00 | <LOQ | Pass |

Methods: LCMS and GCMS



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**Pass**

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| Analyte | LOQ | Limit | Result | Status |
|---|---|---|---|---|
| | PPM | PPM | PPM | |
| Pyridaben | 0.01 | 0.20 | <LOQ | Pass |
| Spinosad | 0.01 | 0.20 | <LOQ | Pass |
| Spiromesifen | 0.01 | 0.20 | <LOQ | Pass |
| Spirotetramat | 0.01 | 0.20 | <LOQ | Pass |
| Spiroxamine | 0.01 | 0.40 | <LOQ | Pass |
| Tebuconazole | 0.01 | 0.40 | <LOQ | Pass |
| Thiacloprid | 0.01 | 0.20 | <LOQ | Pass |
| Thiamethoxam | 0.01 | 0.20 | <LOQ | Pass |
| Trifloxystrobin | 0.01 | 0.20 | <LOQ | Pass |

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