

## SAMPLE DETAILS

SAMPLE NAME: Hoguen 3000 mg Full Spectrum Tincture

Infused, Hemp

## CLIENT

Business Name: Hoguen Health Corp

License Number:

Address: 7345 W Sand Lake Rd Ste 210 Office  
5313  
Orlando FL 32819

## SAMPLE DETAIL

Batch Number: 062626A

Sample ID: 260716P006

Date Collected: 07/16/2026

Date Received: 07/16/2026

Batch Size:

Sample Size:

Unit Mass:

Serving Size:

Scan QR code to verify  
authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

Total THC: 2.251 mg/g

Total CBD: 94.497 mg/g

Sum of Cannabinoids: 96.874 mg/g

Total Cannabinoids: 96.874 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$

Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$

Sum of Cannabinoids =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa}$

Total Cannabinoids =  $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa})$

These results relate only to the sample included on this report.  
This report shall not be reproduced, except in full, without written approval of the laboratory.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  
 $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb

  
Approved by: Sam Schumann  
Laboratory Director  
Date: 07/20/2026

Amendment to Certificate of Analysis 260716P006-002



### Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** (GLB-TM-14) Cannabinoid Potency Determination

**TOTAL THC: 2.251 mg/g**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 94.497 mg/g**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 96.874 mg/g**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + (Total CBN)

**TOTAL CBG: ND**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 07/17/2026

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| CBD                 | 0.007 / 0.147  | ±6.3313                        | 94.497        | 9.4497     |
| $\Delta^9$ -THC     | 0.002 / 0.147  | ±0.1598                        | 2.251         | 0.2251     |
| CBN                 | 0.002 / 0.043  | ±0.0065                        | 0.126         | 0.0126     |
| $\Delta^8$ -THC     | 0.002 / 0.162  | N/A                            | <LOQ          | <LOQ       |
| THCa                | 0.006 / 0.130  | N/A                            | ND            | ND         |
| THCV                | 0.003 / 0.029  | N/A                            | ND            | ND         |
| THCVa               | 0.002 / 0.115  | N/A                            | ND            | ND         |
| CBDA                | 0.008 / 0.151  | N/A                            | ND            | ND         |
| CBDV                | 0.005 / 0.035  | N/A                            | ND            | ND         |
| CBDVa               | 0.002 / 0.063  | N/A                            | ND            | ND         |
| CBG                 | 0.004 / 0.032  | N/A                            | ND            | ND         |
| CBGa                | 0.003 / 0.136  | N/A                            | ND            | ND         |
| CBC                 | 0.001 / 0.057  | N/A                            | ND            | ND         |
| CBCa                | 0.003 / 0.052  | N/A                            | ND            | ND         |
| CBNa                | 0.002 / 0.093  | N/A                            | ND            | ND         |
| SUM OF CANNABINOIDS |                |                                | 96.874 mg/g   | 9.6874%    |

## SAMPLE DETAILS

**SAMPLE NAME:** Hoguen 3000 mg Full Spectrum Tincture

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER****Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** Hoguen Health Corp**License Number:****Address:** 7345 W Sand Lake Rd Ste 210 Office  
5313  
Orlando FL 32819

## SAMPLE DETAIL

**Batch Number:** 062626A**Sample ID:** 260713R022**Date Collected:** 07/13/2026**Date Received:** 07/13/2026**Batch Size:****Sample Size:** 1.0 unit**Unit Mass:** 30 milliliters per Unit**Serving Size:**Scan QR code to verify  
authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

Density: 0.9568 g/mL

## SAFETY ANALYSIS - SUMMARY

Pesticides:  **PASS**Residual Solvents:  **PASS**Heavy Metals:  **PASS**Microbiology (PCR):  **PASS**Microbiology (Plating): **ND**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19, Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Amendment to Certificate of Analysis 260713R022-001



### Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

### PESTICIDE TEST RESULTS - 07/15/2026 ✓ PASS

| COMPOUND            | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Abamectin           | 0.03 / 0.10    | 0.3                 | N/A                            | ND            | PASS   |
| Acephate            | 0.02 / 0.07    | 5                   | N/A                            | ND            | PASS   |
| Acequinocyl         | 0.02 / 0.07    | 4                   | N/A                            | ND            | PASS   |
| Acetamiprid         | 0.02 / 0.05    | 5                   | N/A                            | ND            | PASS   |
| Aldicarb            | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Azoxystrobin        | 0.02 / 0.07    | 40                  | N/A                            | ND            | PASS   |
| Bifenazate          | 0.01 / 0.04    | 5                   | N/A                            | ND            | PASS   |
| Bifenthrin          | 0.02 / 0.05    | 0.5                 | N/A                            | ND            | PASS   |
| Boscalid            | 0.03 / 0.09    | 10                  | N/A                            | ND            | PASS   |
| Captan              | 0.19 / 0.57    | 5                   | N/A                            | ND            | PASS   |
| Carbaryl            | 0.02 / 0.06    | 0.5                 | N/A                            | ND            | PASS   |
| Carbofuran          | 0.02 / 0.05    | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlorantraniliprole | 0.04 / 0.12    | 40                  | N/A                            | ND            | PASS   |
| Chlordane*          | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlorfenapyr*       | 0.03 / 0.10    | ≥ LOD               | N/A                            | ND            | PASS   |
| Chlorpyrifos        | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Clofentezine        | 0.03 / 0.09    | 0.5                 | N/A                            | ND            | PASS   |
| Coumaphos           | 0.02 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |
| Cyfluthrin          | 0.12 / 0.38    | 1                   | N/A                            | ND            | PASS   |
| Cypermethrin        | 0.11 / 0.32    | 1                   | N/A                            | ND            | PASS   |
| Daminozide          | 0.02 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |
| Diazinon            | 0.02 / 0.05    | 0.2                 | N/A                            | ND            | PASS   |
| Dichlorvos (DDVP)   | 0.03 / 0.09    | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethoate          | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethomorph        | 0.03 / 0.09    | 20                  | N/A                            | ND            | PASS   |
| Ethoprophos         | 0.03 / 0.10    | ≥ LOD               | N/A                            | ND            | PASS   |
| Etofenprox          | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Etoxazole           | 0.02 / 0.06    | 1.5                 | N/A                            | ND            | PASS   |
| Fenhexamid          | 0.03 / 0.09    | 10                  | N/A                            | ND            | PASS   |
| Fenoxycarb          | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Fenpyroximate       | 0.02 / 0.06    | 2                   | N/A                            | ND            | PASS   |
| Fipronil            | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Flonicamid          | 0.03 / 0.10    | 2                   | N/A                            | ND            | PASS   |
| Fludioxonil         | 0.03 / 0.10    | 30                  | N/A                            | ND            | PASS   |
| Hexythiazox         | 0.02 / 0.07    | 2                   | N/A                            | ND            | PASS   |
| Imazalil            | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Imidacloprid        | 0.04 / 0.11    | 3                   | N/A                            | ND            | PASS   |
| Kresoxim-methyl     | 0.02 / 0.07    | 1                   | N/A                            | ND            | PASS   |
| Malathion           | 0.03 / 0.09    | 5                   | N/A                            | ND            | PASS   |
| Metalaxyl           | 0.02 / 0.07    | 15                  | N/A                            | ND            | PASS   |
| Methiocarb          | 0.02 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |

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### Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 07/15/2026 *continued* ✓ PASS

| COMPOUND                              | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Methomyl                              | 0.03 / 0.10    | 0.1                 | N/A                            | ND            | PASS   |
| Mevinphos                             | 0.03 / 0.09    | ≥ LOD               | N/A                            | ND            | PASS   |
| Myclobutanil                          | 0.03 / 0.09    | 9                   | N/A                            | ND            | PASS   |
| Naled                                 | 0.02 / 0.07    | 0.5                 | N/A                            | ND            | PASS   |
| Oxamyl                                | 0.04 / 0.11    | 0.2                 | N/A                            | ND            | PASS   |
| Paclobutrazol                         | 0.02 / 0.05    | ≥ LOD               | N/A                            | ND            | PASS   |
| Parathion-methyl                      | 0.03 / 0.10    | ≥ LOD               | N/A                            | ND            | PASS   |
| Pentachloronitrobenzene (Quintozene)* | 0.03 / 0.09    | 0.2                 | N/A                            | ND            | PASS   |
| Permethrin                            | 0.04 / 0.12    | 20                  | N/A                            | ND            | PASS   |
| Phosmet                               | 0.03 / 0.10    | 0.2                 | N/A                            | ND            | PASS   |
| Piperonyl Butoxide                    | 0.02 / 0.07    | 8                   | N/A                            | ND            | PASS   |
| Prallethrin                           | 0.03 / 0.08    | 0.4                 | N/A                            | ND            | PASS   |
| Propiconazole                         | 0.02 / 0.07    | 20                  | N/A                            | ND            | PASS   |
| Propoxur                              | 0.03 / 0.09    | ≥ LOD               | N/A                            | ND            | PASS   |
| Pyrethrins                            | 0.04 / 0.12    | 1                   | N/A                            | ND            | PASS   |
| Pyridaben                             | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spinetoram                            | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spinosad                              | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spiromesifen                          | 0.02 / 0.05    | 12                  | N/A                            | ND            | PASS   |
| Spirotetramat                         | 0.02 / 0.06    | 13                  | N/A                            | ND            | PASS   |
| Spiroxamine                           | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Tebuconazole                          | 0.02 / 0.07    | 2                   | N/A                            | ND            | PASS   |
| Thiacloprid                           | 0.03 / 0.10    | ≥ LOD               | N/A                            | ND            | PASS   |
| Thiamethoxam                          | 0.03 / 0.10    | 4.5                 | N/A                            | ND            | PASS   |
| Trifloxystrobin                       | 0.03 / 0.08    | 30                  | N/A                            | ND            | PASS   |



### Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 07/17/2026 ✓ PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

**Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

| COMPOUND      | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---------------|----------------|---------------------|--------------------------------|---------------|--------|
| Propane       | 10 / 20        | 5000                | N/A                            | ND            | PASS   |
| n-Butane      | 10 / 50        | 5000                | N/A                            | ND            | PASS   |
| n-Pentane     | 20 / 50        | 5000                | N/A                            | ND            | PASS   |
| n-Hexane      | 2 / 5          | 290                 | N/A                            | ND            | PASS   |
| n-Heptane     | 20 / 60        | 5000                | N/A                            | ND            | PASS   |
| Benzene       | 0.03 / 0.09    | 1                   | N/A                            | ND            | PASS   |
| Toluene       | 7 / 21         | 890                 | N/A                            | ND            | PASS   |
| Total Xylenes | 50 / 160       | 2170                | N/A                            | ND            | PASS   |
| Methanol      | 50 / 200       | 3000                | N/A                            | ND            | PASS   |
| Ethanol       | 20 / 50        | 5000                | N/A                            | ND            | PASS   |

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### Residual Solvents Analysis

Continued

RESIDUAL SOLVENTS TEST RESULTS - 07/17/2026 ✓ PASS

| COMPOUND                             | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| 2-Propanol (Isopropyl Alcohol)       | 10 / 40        | 5000                | N/A                            | ND            | PASS   |
| Acetone                              | 20 / 50        | 5000                | N/A                            | ND            | PASS   |
| Ethyl Ether                          | 20 / 50        | 5000                | N/A                            | ND            | PASS   |
| Ethylene Oxide                       | 0.3 / 0.8      | 1                   | N/A                            | ND            | PASS   |
| Ethyl Acetate                        | 20 / 60        | 5000                | N/A                            | ND            | PASS   |
| Chloroform                           | 0.1 / 0.2      | 1                   | N/A                            | ND            | PASS   |
| Dichloromethane (Methylene Chloride) | 0.3 / 0.9      | 1                   | N/A                            | ND            | PASS   |
| Trichloroethylene                    | 0.1 / 0.3      | 1                   | N/A                            | ND            | PASS   |
| 1,2-Dichloroethane                   | 0.05 / 0.1     | 1                   | N/A                            | ND            | PASS   |
| Acetonitrile                         | 2 / 7          | 410                 | N/A                            | ND            | PASS   |



### Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 07/15/2026 ✓ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Arsenic  | 0.02 / 0.1     | 1.5                 | N/A                            | ND            | PASS   |
| Cadmium  | 0.02 / 0.05    | 0.5                 | N/A                            | ND            | PASS   |
| Lead     | 0.04 / 0.1     | 0.5                 | N/A                            | ND            | PASS   |
| Mercury  | 0.002 / 0.01   | 3                   | N/A                            | ND            | PASS   |



### Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 07/17/2026 ✓ PASS

| COMPOUND                               | ACTION LIMIT       | RESULT | RESULT |
|----------------------------------------|--------------------|--------|--------|
| Salmonella spp.                        | Not Detected in 1g | ND     | PASS   |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | ND     | PASS   |

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 07/17/2026 ND

| COMPOUND               | RESULT (cfu/g) |
|------------------------|----------------|
| Coliforms              | ND             |
| Total Aerobic Bacteria | ND             |
| Total Yeast and Mold   | ND             |

### NOTES

Sample unit mass provided by client.