

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

**DATE ISSUED 06/03/2025** 

### **SAMPLE DETAILS**

SAMPLE NAME: FSO CBD 1000

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** 2025214 **Sample ID:** 250602M007

**DISTRIBUTOR / TESTED FOR** 

**Business Name: HARBOR HEMP** 

**COMPANY** 

License Number:

Address: 733 BREAD AND MILK ST

COVENTRY CT 06238

**Date Collected:** 06/02/2025 **Date Received:** 06/02/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: Serving Size:







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 0.015 mg/mL

Total CBD: 37.959 mg/mL

Sum of Cannabinoids: 38.904 mg/mL

Total Cannabinoids: 38.904 mg/mL

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 =  $\Delta^9$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

Density: 0.9488 g/mL

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.

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

LCC verified by: Yasmin Kakkar Job Title: Senior Laboratory Analyst Date: 06/03/2025 Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 06/03/2025

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# Cannabinoid Analysis

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

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.015 mg/mL Total THC ( $\Delta^9$ -THC+0.877\*THCa)

TOTAL CBD: **37.959 mg/mL** 

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 38.904 mg/mL

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

TOTAL CBG: 0.741 mg/mL
Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.014 mg/mL

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.151 mg/mL
Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 06/03/2025**

| COMPOUND            | LOD/LOQ<br>(mg/mL) | MEASUREMENT<br>UNCERTAINTY (mg/mL) | RESULT<br>(mg/mL) | RESULT<br>(%) |
|---------------------|--------------------|------------------------------------|-------------------|---------------|
| CBD                 | 0.004 / 0.011      | ±1.4159                            | 37.959            | 4.0007        |
| CBG                 | 0.002 / 0.006      | ±0.0359                            | 0.741             | 0.0781        |
| CBDV                | 0.002/0.012        | ±0.0062                            | 0.151             | 0.0159        |
| CBN                 | 0.001 / 0.007      | ±0.0007                            | 0.024             | 0.0025        |
| Δ <sup>9</sup> -THC | 0.002/0.014        | ±0.0008                            | 0.015             | 0.0016        |
| СВС                 | 0.003 / 0.010      | ±0.0005                            | 0.014             | 0.0015        |
| $\Delta^8$ -THC     | 0.01 / 0.02        | N/A                                | ND                | ND            |
| THCa                | 0.001 / 0.005      | N/A                                | ND                | ND            |
| THCV                | 0.002/0.012        | N/A                                | ND                | ND            |
| THCVa               | 0.002/0.019        | N/A                                | ND                | ND            |
| CBDa                | 0.001 / 0.026      | N/A                                | ND                | ND            |
| CBDVa               | 0.001 / 0.018      | N/A                                | ND                | ND            |
| CBGa                | 0.002 / 0.007      | N/A                                | ND                | ND            |
| CBL                 | 0.003 / 0.010      | N/A                                | ND                | ND            |
| CBCa                | 0.001 / 0.015      | N/A                                | ND                | ND            |
| SUM OF CANNABINOIDS |                    |                                    | 38.904 mg/mL      | 4.1003%       |

## **DENSITY TEST RESULT**

0.9488 g/mL

Tested 06/03/2025

**Method:** QSP 7870 - Sample Preparation