

# **Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS**

**DATE ISSUED 07/12/2025** 

### SAMPLE DETAILS

SAMPLE NAME: CBD Water Soluble #223-35

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: 2025217 Sample ID: 250709L062

**DISTRIBUTOR / TESTED FOR** 

**Business Name: HARBOR HEMP** 

**COMPANY** 

License Number:

Address: 733 BREAD AND MILK ST

COVENTRY CT 06238

Date Collected: 07/09/2025 Date Received: 07/09/2025

Batch Size:

Sample Size: 1.0 unit

**Unit Mass:** Serving Size:







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

**Total THC: Not Detected** 

Total CBD: 38.975 mg/mL

Sum of Cannabinoids: 39.618 mg/mL

Total Cannabinoids: 39.618 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) + Δ8-THC + CBL + CBN

Density: 1.0872 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

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),

LQC verified by: Carmen Stackhouse Job Title: Senior Laboratory Analyst Date: 07/12/2025

Approved by: Josh Wurzer Title: Chief Compliance Officer

Date: 07/12/2025



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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: Not Detected
Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 38.975 mg/mL
Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 39.618 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: 0.358 mg/mL
Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.069 mg/mL

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.198 mg/mL
Total CBDV (CBDV+0.877\*CBDVa)

## **CANNABINOID TEST RESULTS - 07/12/2025**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.4538	38.975	3.5849
CBG	0.002 / 0.006	±0.0174	0.358	0.0329
CBDV	0.002 / 0.012	±0.0081	0.198	0.0182
СВС	0.003 / 0.010	±0.0022	0.069	0.0063
CBN	0.001/0.007	±0.0005	0.018	0.0017
Δ <sup>9</sup> -THC	0.002/0.014	N/A	ND	ND
$\Delta^8$ -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			39.618 mg/mL	3.6440%

### **DENSITY TEST RESULT**

1.0872 g/mL

Tested 07/12/2025

Method: QSP 7870 - Sample Preparation