

**SAMPLE NAME: Oil 2300 FS CBN**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Earthy Now

**License Number:**
**Address:**

**SAMPLE DETAIL**
**Batch Number:**
**Sample ID:** 230104P027

**Date Collected:** 01/04/2023

**Date Received:** 01/04/2023

**Batch Size:**
**Sample Size:** 30.0 units

**Unit Mass:** 30 milliliters per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 38.340 mg/unit

**Total CBD:** 2057.730 mg/unit

**Sum of Cannabinoids:** 2536.560 mg/unit

**Total Cannabinoids:** 2536.560 mg/unit

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

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**Density:** 0.9539 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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

**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: 01/07/2023

Approved by: Josh Wurzer  
Job Title: President  
Date: 01/07/2023




## Cannabinoïd Analysis

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

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

**TOTAL THC: 38.340 mg/unit**

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

**TOTAL CBD: 2057.730 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 2536.560 mg/unit**

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

**TOTAL CBG: 51.480 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 77.640 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 13.740 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 01/07/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±2.5584	68.591	7.1906
CBN	0.001 / 0.007	±0.2811	9.796	1.0269
CBC	0.003 / 0.010	±0.0833	2.588	0.2713
CBG	0.002 / 0.006	±0.0832	1.716	0.1799
$\Delta^9$ -THC	0.002 / 0.014	±0.0702	1.278	0.1340
CBDV	0.002 / 0.012	±0.0187	0.458	0.0480
CBL	0.003 / 0.010	±0.0046	0.125	0.0131
$\Delta^8$ -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
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>84.552 mg/mL</b>	<b>8.8638%</b>

### Unit Mass: 30 milliliters per Unit

$\Delta^9$ -THC per Unit	38.340 mg/unit
Total THC per Unit	38.340 mg/unit
CBD per Unit	2057.730 mg/unit
Total CBD per Unit	2057.730 mg/unit
Sum of Cannabinoids per Unit	2536.560 mg/unit
Total Cannabinoids per Unit	2536.560 mg/unit

### DENSITY TEST RESULT

0.9539 g/mL

Tested 01/07/2023

Method: QSP 7870 - Sample Preparation