

**SAMPLE NAME: Grounded**

Infused, Liquid Edible

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

**License Number:**
**Address:** 2566 Pennsylvania Ave  
Sayre PA 18840

**SAMPLE DETAIL**
**Batch Number:** 0015WP-A

**Sample ID:** 240826J022

**Date Collected:** 08/26/2024

**Date Received:** 08/27/2024

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 30 milliliters per Unit

**Serving Size:** 1 milliliters per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 45.120 mg/unit

**Total CBD:** 1510.320 mg/unit

**Sum of Cannabinoids:** 1640.820 mg/unit

**Total Cannabinoids:** 1640.070 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:** 0.9518 g/mL

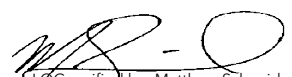
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9\text{-THC}$  per Unit: ✔ PASS
 $\Delta^9\text{-THC}$  per Serving: ✔ PASS

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)



LIC verified by: Matthew Schneider  
Job Title: Laboratory Analyst I  
Date: 08/28/2024



Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 08/28/2024



## 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: 45.120 mg/unit

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

### TOTAL CBD: 1510.320 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 1640.070 mg/unit

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

### TOTAL CBG: 20.370 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: 1.680 mg/unit

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 50.850 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 7.080 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 08/28/2024

| COMPOUND                   | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL)      | RESULT (%)     |
|----------------------------|-----------------|---------------------------------|---------------------|----------------|
| CBD                        | 0.004 / 0.011   | ±1.8713                         | 50.169              | 5.2710         |
| CBC                        | 0.003 / 0.010   | ±0.0546                         | 1.695               | 0.1781         |
| $\Delta^9$ -THC            | 0.002 / 0.014   | ±0.0826                         | 1.504               | 0.1580         |
| CBG                        | 0.002 / 0.006   | ±0.0329                         | 0.679               | 0.0713         |
| CBDV                       | 0.002 / 0.012   | ±0.0096                         | 0.236               | 0.0248         |
| CBDa                       | 0.001 / 0.026   | ±0.0057                         | 0.200               | 0.0210         |
| CBN                        | 0.001 / 0.007   | ±0.0025                         | 0.086               | 0.0090         |
| CBL                        | 0.003 / 0.010   | ±0.0025                         | 0.069               | 0.0072         |
| THCV                       | 0.002 / 0.012   | ±0.0027                         | 0.056               | 0.0059         |
| CBCa                       | 0.001 / 0.015   | N/A                             | <LOQ                | <LOQ           |
| $\Delta^8$ -THC            | 0.01 / 0.02     | N/A                             | ND                  | ND             |
| THCa                       | 0.001 / 0.005   | N/A                             | ND                  | ND             |
| THCVa                      | 0.002 / 0.019   | N/A                             | ND                  | ND             |
| CBDVa                      | 0.001 / 0.018   | N/A                             | ND                  | ND             |
| CBGa                       | 0.002 / 0.007   | N/A                             | ND                  | ND             |
| <b>SUM OF CANNABINOIDS</b> |                 |                                 | <b>54.694 mg/mL</b> | <b>5.7464%</b> |

## Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

|                                 |                       |                   |      |
|---------------------------------|-----------------------|-------------------|------|
| $\Delta^9$ -THC per Unit        | 110 per-package limit | 45.120 mg/unit    | PASS |
| $\Delta^9$ -THC per Serving     |                       | 1.504 mg/serving  | PASS |
| Total THC per Unit              |                       | 45.120 mg/unit    |      |
| Total THC per Serving           |                       | 1.504 mg/serving  |      |
| CBD per Unit                    |                       | 1505.070 mg/unit  |      |
| CBD per Serving                 |                       | 50.169 mg/serving |      |
| Total CBD per Unit              |                       | 1510.320 mg/unit  |      |
| Total CBD per Serving           |                       | 50.344 mg/serving |      |
| Sum of Cannabinoids per Unit    |                       | 1640.820 mg/unit  |      |
| Sum of Cannabinoids per Serving |                       | 54.694 mg/serving |      |
| Total Cannabinoids per Unit     |                       | 1640.070 mg/unit  |      |
| Total Cannabinoids per Serving  |                       | 54.669 mg/serving |      |

## DENSITY TEST RESULT

0.9518 g/mL

Tested 08/28/2024

Method: QSP 7870 - Sample Preparation