

SAMPLE NAME: Renewal Oil

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Tonic CBD

License Number:

Address: 2466 Pennsylvania Ave
Sayre PA 18840



SAMPLE DETAIL

Batch Number: OS-110B8-0001

Sample ID: 210524S019

Date Collected: 05/24/2021

Date Received: 05/24/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 29.700 mg/unit

Total CBD: 629.100 mg/unit

Sum of Cannabinoids: 803.820 mg/unit

Total Cannabinoids: 802.860 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:

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

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

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

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: 0.9199 g/mL

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS


For quality assurance purposes. Not a Pre-Harvest 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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)


L-C verified by: Kevin Flores
Date: 05/26/2021


Approved by: Josh Wurzer, President
Date: 05/26/2021



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: 29.700 mg/unit

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

TOTAL CBD: 629.100 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 802.860 mg/unit

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 141.000 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 2.550 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/26/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 1.0045	20.970	2.2796
CBC	0.003 / 0.010	± 0.1946	4.700	0.5109
$\Delta 9$ THC	0.002 / 0.014	± 0.0536	0.760	0.0826
THCa	0.001 / 0.005	± 0.0059	0.262	0.0285
CBDV	0.002 / 0.012	± 0.0045	0.085	0.0092
CBN	0.001 / 0.007	± 0.0006	0.017	0.0018
$\Delta 8$ THC	0.01 / 0.02	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
CBG	0.002 / 0.006	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			26.794 mg/mL	2.9127%

Unit Mass: 30 milliliters per Unit

$\Delta 9$ THC per Unit	112 per-package limit	22.800 mg/unit	PASS
Total THC per Unit		29.700 mg/unit	
CBD per Unit		629.100 mg/unit	
Total CBD per Unit		629.100 mg/unit	
Sum of Cannabinoids per Unit		803.820 mg/unit	
Total Cannabinoids per Unit		802.860 mg/unit	

DENSITY TEST RESULT

0.9199 g/mL

Tested 05/26/2021

Method: QSP 7870 - Sample Preparation

