

**SAMPLE NAME: FS TINCTURE**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER****Business Name:****License Number:****Address:****DISTRIBUTOR****Business Name:** Deep Relief CBD**License Number:****Address:****SAMPLE DETAIL****Batch Number:** 43020**Sample ID:** 200501Q003**Date Collected:** 06/26/2022**Date Received:** 06/26/2022**Batch Size:****Sample Size:****Unit Mass:** 28.632 Grams per Unit**Serving Size:****CANNABINOID ANALYSIS - SUMMARY****Total THC:** 58.638 mg/unit**Total CBD:** 1666.440 mg/unit**Total Cannabinoids:** 1886.792 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 =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$ Total Cannabinoids =  $(\Delta^9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{THC} + \text{CBL} + \text{CBN}$ **Moisture:** NT**Density:** 0.9544 g/mL**Viscosity:** NT**SAFETY ANALYSIS - SUMMARY****Pesticides:** NT**Mycotoxins:** NT**Residual Solvents:** NT**Heavy Metals:** NT**Microbial Impurities (PCR):** NT**Microbial Impurities (Plating):** NT**Foreign Material:** NT**Water Activity:** NT**Vitamin E Acetate:** NT

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)



LQC verified by: Michael Pham  
Date: 06/11/2022



Approved by: Josh Wurzer, President  
Date: 06/11/2022

 **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: 58.638 mg/unit**

Total THC ( $\Delta^9\text{THC} + 0.877 * \text{THCa}$ )

**TOTAL CBD: 1666.440 mg/unit**

Total CBD ( $\text{CBD} + 0.877 * \text{CBDA}$ )

**TOTAL CANNABINOIDS: 1886.792 mg/unit**

**TOTAL CBG: 59.755 mg/unit**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: 85.152 mg/unit**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: 11.997 mg/unit**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

**CANNABINOID TEST RESULTS - 06/11/2022**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±2.7879	58.202	5.8202
CBC	0.003 / 0.010	±0.1231	2.974	0.2974
CBG	0.002 / 0.005	±0.1298	2.087	0.2087
$\Delta^9\text{THC}$	0.002 / 0.005	±0.1444	2.048	0.2048
CBDV	0.002 / 0.007	±0.0220	0.419	0.0419
CBL	0.003 / 0.008	±0.0063	0.133	0.0133
CBN	0.001 / 0.004	±0.0013	0.035	0.0035
$\Delta^8\text{THC}$	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDA	0.001 / 0.003	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>65.898 mg/g</b>	<b>6.5898%</b>

**MOISTURE TEST RESULT**

Not Tested

**DENSITY TEST RESULT**

0.9544 g/mL

Tested 05/02/2020

**VISCOSITY TEST RESULT**

Not Tested

**Method:** QSP - (1152) Sample Preparation

**Unit Mass: 28.632 Grams per Unit / Serving Size:**

$\Delta^9\text{THC}$ per Unit	1000.0 per-package limit	58.638 mg/unit	PASS
$\Delta^9\text{THC}$ per Serving			
CBD per Unit		1666.440 mg/unit	
CBD per Serving			