

**SAMPLE NAME: 500mg FS**

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:** 200501Q004

**Date Collected:** 05/01/2020

**Date Received:** 05/01/2020

**Batch Size:**

**Sample Size:**

**Unit Mass:** 28.74 Grams per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 18.164 mg/unit**

**Total CBD: 529.477 mg/unit**

**Total Cannabinoids: 585.952 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: 0.958 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)



Approved by: Josh Wurzer, President  
Date: 05/02/2020



## 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: 18.164 mg/unit**

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

**TOTAL CBD: 529.477 mg/unit**

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

**TOTAL CANNABINOIDS: 585.952 mg/unit**

**TOTAL CBG: 8.392 mg/unit**

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

**TOTAL THCV: ND**

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

**TOTAL CBC: 26.441 mg/unit**

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

**TOTAL CBDV: 1.581 mg/unit**

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

### CANNABINOID TEST RESULTS - 05/02/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.8825$	18.423	1.8423
CBC	0.003 / 0.010	$\pm 0.0381$	0.920	0.0920
$\Delta 9\text{THC}$	0.002 / 0.005	$\pm 0.0446$	0.632	0.0632
CBG	0.002 / 0.005	$\pm 0.0182$	0.292	0.0292
CBDV	0.002 / 0.007	$\pm 0.0029$	0.055	0.0055
CBL	0.003 / 0.008	$\pm 0.0020$	0.042	0.0042
CBN	0.001 / 0.004	$\pm 0.0009$	0.024	0.0024
$\Delta 8\text{THC}$	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>20.388 mg/g</b>	<b>2.0388%</b>

#### MOISTURE TEST RESULT

Not Tested
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#### DENSITY TEST RESULT

<b>0.958 g/mL</b>
Tested 05/02/2020
Method: QSP - (1152) Sample Preparation

#### VISCOSITY TEST RESULT

Not Tested
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#### Unit Mass: 28.74 Grams per Unit / Serving Size:

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	18.164 mg/unit	PASS
$\Delta 9\text{THC}$ per Serving			
CBD per Unit		529.477 mg/unit	
CBD per Serving			

