Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 06/11/2021

SAMPLE NAME: 1500mg 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: 200501Q003

Date Collected: 06/09/2021
Date Received: 06/09/2021
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 = Δ9THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Total Cannabinoids = (Δ9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

Moisture: NT

Density: 0.9544 g/mL

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

Pesticides: NT

Heavy Metals: NT

Foreign Material: NT

Mycotoxins: NT

Microbial Impurities (PCR): NT

Water Activity: NT

Residual Solvents: NT

Microbial Impurities (Plating): 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: 06/11/2021

Approved by: Josh Wurzer, President Date: 06/11/2021

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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 (Δ9THC+0.877*THCa)

TOTAL CBD: 1666.440 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1886.792 mg/unit

TOTAL CBG: 59.755 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 85.152 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 11.997 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/11/2021

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
Δ9THC	*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
Δ8THC	*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
SUM OF CANNABINOIDS			65.898 mg/g	6.5898%

MOISTURE TEST RESULT	DENSITY TEST RESULT	VISCOSITY TEST RESULT
Not Tested	0.9544 g/mL	Not Tested
	Tested 05/02/2020	
	Method: QSP - (1152) Sample Preparation	

Unit Mass: 28.632 Grams per Unit / Serving Size:

Δ9THC per Unit	*1000.0 per-package limit*	58.638 mg/unit	PASS
Δ9THC per Serving			
CBD per Unit		1666.440 mg/unit	
CBD per Serving			