

**SAMPLE NAME: Mello CBD - Mint CBD Oil 500**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name: Mello CBD**

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:**

**Sample ID: 200720T004**

**Date Collected: 07/20/2020**

**Date Received: 07/20/2020**

**Batch Size:**

**Sample Size: 1.0 Unit(s)**

**Unit Mass: 30 Milliliters per Unit**

**Serving Size: 0.75 Milliliters per Serving**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 5.790 mg/unit**

**Total CBD: 616.680 mg/unit**

**Sum of Cannabinoids: 637.590 mg/unit**

**Total Cannabinoids: 637.590 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 =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture: NT**

**Density: 0.9452 g/mL**

**Viscosity: NT**

**SAFETY ANALYSIS - SUMMARY**

**$\Delta 9\text{THC}$  per Unit: ✔ PASS**

**Foreign Material: NT**

**Water Activity: NT**

**Vitamin E Acetate: NT**

**Pesticides: NT**

**Mycotoxins: NT**

**Residual Solvents: NT**

**Heavy Metals: NT**

**Microbial Impurities (PCR): NT**

**Microbial Impurities (Plating): 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: 07/23/2020



Approved by: Josh Wurzer, President  
Date: 07/23/2020



## 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: 5.790 mg/unit**

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

**TOTAL CBD: 616.680 mg/unit**

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

**TOTAL CANNABINOIDS: 637.590 mg/unit**

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

**TOTAL CBG: 2.700 mg/unit**

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

**TOTAL THCV: ND**

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

**TOTAL CBC: 9.420 mg/unit**

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

**TOTAL CBDV: 2.730 mg/unit**

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

### CANNABINOID TEST RESULTS - 07/21/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.9846$	20.556	2.1748
CBC	0.003 / 0.010	$\pm 0.0130$	0.314	0.0332
$\Delta 9\text{THC}$	0.002 / 0.005	$\pm 0.0136$	0.193	0.0204
CBDV	0.002 / 0.007	$\pm 0.0048$	0.091	0.0096
CBG	0.002 / 0.005	$\pm 0.0056$	0.090	0.0095
CBN	0.001 / 0.004	$\pm 0.0003$	0.009	0.0010
CBL	0.003 / 0.008	N/A	<LOQ	<LOQ
$\Delta 8\text{THC}$	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>			21.253 mg/mL	2.2485%

### Unit Mass: 30 Milliliters per Unit / Serving Size: 0.75 Milliliters per Serving

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	5.790 mg/unit	PASS
$\Delta 9\text{THC}$ per Serving		0.145 mg/serving	
Total THC per Unit		5.790 mg/unit	
Total THC per Serving		0.145 mg/serving	
CBD per Unit		616.680 mg/unit	
CBD per Serving		15.417 mg/serving	
Total CBD per Unit		616.680 mg/unit	
Total CBD per Serving		15.417 mg/serving	
Sum of Cannabinoids per Unit		637.590 mg/unit	
Sum of Cannabinoids per Serving		15.940 mg/serving	
Total Cannabinoids per Unit		637.590 mg/unit	
Total Cannabinoids per Serving		15.941 mg/serving	

### MOISTURE TEST RESULT

Not Tested

### DENSITY TEST RESULT

0.9452 g/mL

Tested 07/21/2020

Method: QSP - (1152) Sample Preparation

### VISCOSITY TEST RESULT

Not Tested

