

SAMPLE NAME: Mello CBD - Natural 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: 200619T008

Date Collected: 06/19/2020
Date Received: 06/19/2020
Batch Size:
Sample Size: 1.0 Unit(s)
Unit Mass: 30 Milliliters per Unit
Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 19.050 mg/unit

Total CBD: 529.680 mg/unit

Total Cannabinoids: 568.050 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: 0.9491 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)

Reza Naemeh
LQC verified by: Reza Naemeh
Date: 06/22/2020

Josh Wurzer
Approved by: Josh Wurzer, President
Date: 06/22/2020



CANNABINOID TEST RESULTS - 06/21/2020

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP - (1157) Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 19.050 mg/unit

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

TOTAL CBD: 529.680 mg/unit

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

TOTAL CANNABINOIDS: 568.050 mg/unit

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

TOTAL CBG: 0.840 mg/unit

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

TOTAL THCV: ND

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

TOTAL CBC: 13.020 mg/unit

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

TOTAL CBDV: 1.320 mg/unit

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

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 0.8446	17.633	1.8579
$\Delta 9\text{THC}$	0.002 / 0.005	± 0.0448	0.635	0.0669
CBC	0.003 / 0.010	± 0.0180	0.434	0.0457
$\Delta 8\text{THC}$	0.01 / 0.02	± 0.004	0.07	0.007
CBDV	0.002 / 0.007	± 0.0023	0.044	0.0046
CBN	0.001 / 0.004	± 0.0014	0.037	0.0039
CBL	0.003 / 0.008	± 0.0015	0.031	0.0033
CBG	0.002 / 0.005	± 0.0017	0.028	0.0030
CBDa	0.001 / 0.003	± 0.0009	0.026	0.0027
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
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			18.938 mg/mL	1.9954%

Unit Mass: 30 Milliliters per Unit / Serving Size:

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	19.050 mg/unit	PASS
$\Delta 9\text{THC}$ per Serving			
Total THC per Unit		19.050 mg/unit	
Total THC per Serving			
CBD per Unit		528.990 mg/unit	
CBD per Serving			
Total CBD per Unit		529.680 mg/unit	
Total CBD per Serving			
Sum of Cannabinoids per Unit		568.140 mg/unit	
Sum of Cannabinoids per Serving			
Total Cannabinoids per Unit		568.050 mg/unit	
Total Cannabinoids per Serving			

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9491 g/mL
Tested 06/21/2020
Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

