

**SAMPLE NAME: Mello CBD - Vanilla CBD Oil 1000**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Mello CBD

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:**

**Sample ID:** 200619T012

**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:** 0.0 mg/unit

**Total CBD:** 1143.180 mg/unit

**Total Cannabinoids:** 1176.120 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:** 0.9472 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: Reza Naemeh  
 Date: 06/22/2020  
 Approved by: Josh Wurzer, President  
 Date: 06/22/2020



## 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: 0.0 mg/unit**

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

**TOTAL CBD: 1143.180 mg/unit**

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

**TOTAL CANNABINOIDS: 1176.120 mg/unit**

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

**TOTAL CBG: 5.370 mg/unit**

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

**TOTAL THCV: ND**

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

**TOTAL CBC: 23.040 mg/unit**

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

**TOTAL CBDV: 4.530 mg/unit**

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

### CANNABINOID TEST RESULTS - 06/22/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.080 / 0.220	$\pm 1.8253$	38.106	4.0230
CBC	0.060 / 0.200	$\pm 0.0318$	0.768	0.0811
$\Delta 9\text{THC}$	0.040 / 0.100	$\pm 0.0257$	0.364	0.0384
CBG	0.040 / 0.100	$\pm 0.0111$	0.179	0.0189
CBDV	0.040 / 0.140	$\pm 0.0079$	0.151	0.0159
$\Delta 8\text{THC}$	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.040	N/A	ND	ND
THCV	0.040 / 0.160	N/A	ND	ND
THCVa	0.040 / 0.100	N/A	ND	ND
CBDa	0.020 / 0.060	N/A	ND	ND
CBDVa	0.020 / 0.060	N/A	ND	ND
CBGa	0.040 / 0.120	N/A	ND	ND
CBL	0.060 / 0.160	N/A	ND	ND
CBN	0.020 / 0.080	N/A	ND	ND
CBCa	0.020 / 0.080	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>39.568 mg/mL</b>	<b>4.1774%</b>

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

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	10.920 mg/unit	PASS
$\Delta 9\text{THC}$ per Serving			
Total THC per Unit		0.0 mg/unit	
Total THC per Serving			
CBD per Unit		1143.180 mg/unit	
CBD per Serving			
Total CBD per Unit		1143.180 mg/unit	
Total CBD per Serving			
Sum of Cannabinoids per Unit		1187.040 mg/unit	
Sum of Cannabinoids per Serving			
Total Cannabinoids per Unit		1176.120 mg/unit	
Total Cannabinoids per Serving			

### MOISTURE TEST RESULT

Not Tested

### DENSITY TEST RESULT

0.9472 g/mL

Tested 06/22/2020

Method: QSP - (1152) Sample Preparation

### VISCOSITY TEST RESULT

Not Tested

