

SAMPLE NAME: Manga Mango 500

Infused, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: AVIDA CBD

License Number:

Address:

None CA

SAMPLE DETAIL

Batch Number: MM05142020-500

Sample ID: 200521P008

Date Collected: 05/21/2020

Date Received: 05/21/2020

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: **Not Detected**

Total CBD: **512.250 mg/unit**

Sum of Cannabinoids: **512.250 mg/unit**

Total Cannabinoids: **512.250 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: 1.1105 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: Michael Pham
Date: 07/08/2020



Approved by: Josh Wurzer, President
Date: 07/08/2020

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: **Not Detected**

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

TOTAL CBD: **512.250 mg/unit**

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

TOTAL CANNABINOIDS: **512.250 mg/unit**

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

TOTAL CBG: **ND**

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

TOTAL THCV: **ND**

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

TOTAL CBC: **ND**

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

TOTAL CBDV: **ND**

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

CANNABINOID TEST RESULTS - 05/22/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.080 / 0.220	± 0.8179	17.075	1.5376
$\Delta 9\text{THC}$	0.040 / 0.100	N/A	ND	ND
$\Delta 8\text{THC}$	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
CBDV	0.040 / 0.140	N/A	ND	ND
CBDVa	0.020 / 0.060	N/A	ND	ND
CBG	0.040 / 0.100	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
CBC	0.060 / 0.200	N/A	ND	ND
CBCa	0.020 / 0.080	N/A	ND	ND
SUM OF CANNABINOIDS			17.075 mg/mL	1.5376%

Unit Mass: 30 Milliliters per Unit

$\Delta 9\text{THC}$ per Unit	ND
Total THC per Unit	ND
CBD per Unit	512.250 mg/unit
Total CBD per Unit	512.250 mg/unit
Sum of Cannabinoids per Unit	512.250 mg/unit
Total Cannabinoids per Unit	512.250 mg/unit

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

1.1105 g/mL

Tested 05/22/2020

Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

NOTES

COA amended to update order detail information.

