

**SAMPLE NAME: PUFF Manga Mango**

Infused, Product Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name: AVIDA CBD**

**License Number:**

**Address:**

None CA

**SAMPLE DETAIL**

**Batch Number:** PMM100200706

**Sample ID:** 200716T053

**Date Collected:** 07/16/2020

**Date Received:** 07/16/2020

**Batch Size:**

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

**Unit Mass:** 1 Milliliters per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** Not Detected

**Total CBD:** 92.413 mg/unit

**Sum of Cannabinoids:** 92.666 mg/unit

**Total Cannabinoids:** 92.666 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:** 1.0951 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)

  
QC Verified by: Cecilia Condes  
Date: 07/18/2020

  
Approved by: Josh Wurzer, President  
Date: 07/18/2020



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

### TOTAL CBD: **92.413 mg/unit**

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

### TOTAL CANNABINOIDS: **92.666 mg/unit**

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

### TOTAL CBG: **0.013 mg/unit**

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

### TOTAL THCV: **ND**

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

### TOTAL CBC: **<LOQ**

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

### TOTAL CBDV: **0.240 mg/unit**

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

## CANNABINOID TEST RESULTS - 07/18/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 4.4266$	92.413	8.4388
CBDV	0.002 / 0.007	$\pm 0.0126$	0.240	0.0219
CBG	0.002 / 0.005	$\pm 0.0008$	0.013	0.0012
CBC	0.003 / 0.010	N/A	<LOQ	<LOQ
$\Delta 9\text{THC}$	0.002 / 0.005	N/A	ND	ND
$\Delta 8\text{THC}$	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
CBL	0.003 / 0.008	N/A	ND	ND
CBN	0.001 / 0.004	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>92.666 mg/mL</b>	<b>8.4619%</b>

## Unit Mass: 1 Milliliters per Unit

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		92.413 mg/unit	
Total CBD per Unit		92.413 mg/unit	
Sum of Cannabinoids per Unit		92.666 mg/unit	
Total Cannabinoids per Unit		92.666 mg/unit	

## MOISTURE TEST RESULT

Not Tested

## DENSITY TEST RESULT

1.0951 g/mL

Tested 07/18/2020

Method: QSP - (1152) Sample Preparation

## VISCOSITY TEST RESULT

Not Tested

