

**SAMPLE NAME: Cranberry Orange Delta9 Tablets**

Infused, Solid Edible

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** cbdMD

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** B888D

**Sample ID:** 230905N011

**Date Collected:** 09/05/2023

**Date Received:** 09/05/2023

**Batch Size:**
**Sample Size:** 53.0 units

**Unit Mass:** 56.245 grams per Unit

**Serving Size:** 1.1249 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 48.314 mg/unit

**Total CBD:** 510.198 mg/unit

**Sum of Cannabinoids:** 579.89 mg/unit

**Total Cannabinoids:** 579.89 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$


$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9\text{-THC}$  per Unit: ✔ PASS
 $\Delta^9\text{-THC}$  per Serving: ✔ PASS

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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: Kevin Flores  
 Job Title: Senior Laboratory Analyst  
 Date: 09/06/2023

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 09/06/2023



## 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: 48.314 mg/unit

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 510.198 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 579.89 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

### TOTAL CBG: ND

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: 1.012 mg/unit

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.900 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 09/06/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.3383	9.071	0.9071
$\Delta^9$ -THC	0.002 / 0.014	±0.0472	0.859	0.0859
CBN	0.001 / 0.007	±0.0080	0.278	0.0278
$\Delta^8$ -THC	0.01 / 0.02	±0.003	0.07	0.007
THCV	0.002 / 0.012	±0.0009	0.018	0.0018
CBDV	0.002 / 0.012	±0.0007	0.016	0.0016
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>10.31 mg/g</b>	<b>1.031%</b>

## Unit Mass: 56.245 grams per Unit / Serving Size: 1.1249 grams per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	48.314 mg/unit	PASS
$\Delta^9$ -THC per Serving		0.966 mg/serving	PASS
Total THC per Unit		48.314 mg/unit	
Total THC per Serving		0.966 mg/serving	
CBD per Unit		510.198 mg/unit	
CBD per Serving		10.204 mg/serving	
Total CBD per Unit		510.198 mg/unit	
Total CBD per Serving		10.204 mg/serving	
Sum of Cannabinoids per Unit		579.89 mg/unit	
Sum of Cannabinoids per Serving		11.60 mg/serving	
Total Cannabinoids per Unit		579.89 mg/unit	
Total Cannabinoids per Serving		11.60 mg/serving	